

10 PM Current Affairs Quiz Compilation

MAY 2020

THIS IS A MONTHLY DOCUMENT CONTAINING ALL MCQS ASKED IN 10 PM
CURRENT AFFAIRS QUIZ BY FORUMIAS.

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Q.1) Which of the following statements is/are correct about “**Electrostatic Disinfection Machine**”?

1. It is designed and developed by CSIR-Central Electrochemical Research Institute (CSIR-CECRI).
 2. Electrostatic Disinfection Machine works on the electrostatic principle.
 3. The machine uses very less disinfection material as compared to conventional methods.
- Select the correct answer using the code given below:

- a) 1 only
- b) 1 and 2 only
- c) 2 and 3 only
- d) 1, 2 and 3

Correct answer: C

Explanation: Statement 1 is incorrect: CSIR-Central Scientific Instruments Organization (CSIR-CSIO), Chandigarh, has designed and developed an innovative technology (Electrostatic Disinfection Machine) for effective disinfection and sanitization to fight with corona pandemic.

Statement 2 is correct: Electrostatic Disinfection Machine is developed based on the electrostatic principle. It produces uniform and fine spray droplets of disinfectants in the size range of 10-20 micro-metres to kill microorganisms and viruses. Due to the small size of droplets, the surface area of spray droplets increases thereby enhancing the interaction with harmful microorganisms and coronavirus.

Statement 3 is correct: The machine uses very less disinfection material as compared to conventional methods, which helps to save natural resources with negligible increase of chemical waste in the environment.

Q.2) “**Hospital Care Assistive Robotic Device (HCARD)**” a robot that has recently been in the news, is developed by which of the following institutes?

- a) CSIR-Central Mechanical Engineering Research Institute, Durgapur
- b) IIT-Bombay
- c) IIT-Delhi
- d) IISc-Bangalore

Correct answer: A

Explanation: Healthcare workers at hospitals are risking COVID-19 infection while taking care of those infected by it 24/7. Perhaps the level of risk may get reduced hereafter with the help of a new friend, HCARD. The robotic device HCARD, in short for Hospital Care Assistive Robotic Device, can help frontline healthcare workers in maintaining physical distance from those infected by coronavirus. HCARD is developed by Durgapur-based CSIR lab, Central Mechanical Engineering Research Institute. The device is equipped with various state-of-the-art technologies and works both in automatic as well as manual modes of navigation.

Q.3) Consider the following statements with respect to “**The Internal Displacement Monitoring Centre (IDMC)**”:

1. It is a subsidiary wing of the United Nations office for Disaster Risk Reduction (UNDRR) to provide a definitive source of data and analysis on internal displacement.
2. Every year IDMC releases a Global Report on Internal Displacement (GRID).

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only

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- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect: The Internal Displacement Monitoring Centre (IDMC) is the world's definitive source of data and analysis on internal displacement. Since the establishment in 1998 as part of the Norwegian Refugee Council (NRC), IDMC have offered a rigorous, independent and trusted service to the international community. Their work informs policy and operational decisions that improve the lives of the millions of people living in internal displacement, or at risk of becoming displaced in the future.

Statement 2 is correct: The Global Report on Internal Displacement (GRID) is an annual flagship report of IDMC, synthesizes the latest statistics, country/situation assessments, thematic and policy analyses. Each year it presents the most up-to-date estimates of new displacements by conflict and disasters, and the total cumulative numbers of IDPs worldwide. The GRID is the global reference for internal displacement data and analysis and is widely used by policy-makers, national governments, UN agencies, international NGOs, journalists and academics.

Q.4) Which of the following is/are member countries of “Asia Pacific Economic Co-operation (APEC)”?

- 1. Myanmar
- 2. Hong Kong
- 3. Papua New Guinea
- 4. Chinese Taipei

Select the correct answer using the code given below:

- a) 1, 2 and 3 only
- b) 1, 2, 3 and 4 only
- c) 3 and 4 only
- d) 2, 3 and 4 only

Correct answer: D

Explanation: Asia-Pacific Economic Cooperation, or APEC, is the premier forum for facilitating economic growth, cooperation, trade and investment in the Asia-Pacific region. APEC's 21 Member Economies are the United States; Australia; Brunei Darussalam; Canada; Chile; China; Hong Kong, China; Indonesia; Japan; Malaysia; Mexico; New Zealand; Papua New Guinea; Peru; The Philippines; Russia; Singapore; Republic of Korea; Chinese Taipei; Thailand; and Viet Nam.

Q.5) “Rangapahar Wildlife Sanctuary” is located in which of the following state?

- a) Manipur
- b) Nagaland
- c) Sikkim
- d) Chhattisgarh

Correct answer: B

Explanation: Rangapahar Reserve Forest (Nagaland) happens to be one of the most famous destinations in Dimapur. The unique vegetation that has medicinal values and wildlife of this place makes it a prominent one. You will also find a wide variety of bird species in this area, which is why it is the preferred place for bird watchers and wildlife enthusiasts. The medicinal plants of this forest are preserved and are used for preparing medicines for multiple illnesses. Animals such as bears, deer, chitals, wild goats, and many more can be

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easily sighted in the sanctuary. However, this place is also home to several endangered species, which are found in this area only. The total area covered by the forest is around 49.4 acres of land and is a good retreat for nature lovers. As this sanctuary is located at a central region of Dimapur, it is close to other popular tourist destinations such as the Triple Falls, Dzukou valley, Japfu peak, Veda peak, and Mokochung village, and others which make it easy for tourists to go from one destination to another.

Q.6) Consider the following statements regarding **Sixth Schedule of Constitution**;

1. Any increase or decrease in the areas of the autonomous district under the schedule requires a constitutional amendment.
2. Citizenship (Amendment) Act, 2019 provisions of citizenship for migrants do not apply to areas under sixth schedule.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. The Governor may, by public notification, increase or decrease the areas of the autonomous districts (after considering the report of commission on the administration of autonomous districts and autonomous regions).

Statement 2 is correct. Provisions on citizenship for illegal migrants under Citizenship (Amendment) act 2019 do not apply to the tribal areas of Assam, Meghalaya, Mizoram, or Tripura, as included in the Sixth Schedule to the Constitution.

Q.7) Which of the following is/are a **rating agency**?

1. S&P
2. Moody's
3. Goldman Sachs
4. Fitch
5. CRISIL

Select the correct answer using the code given below;

- a) 1, 2 and 5 only
- b) 2, 3 and 4 only
- c) 1, 2, 4 and 5 only
- d) 1, 3, 4 and 5 only

Correct answer: C

Explanation: Rating agencies are companies that rate a debtor's ability to pay back debt by making timely principal and interest payments and the likelihood of default.

All except Goldman Sachs, which is an investment banking company, are rating agencies.

Q.8) Consider the following statements regarding **National Mission on Clean Ganga**;

1. Prime Minister is the chairperson of National Ganga Council.
2. Contribution to the Clean Ganga fund is eligible for Corporate Social Responsibility (CSR) expenditure.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2

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d) Neither 1 nor 2

Correct answer: C

Explanation: Statement 1 is correct. National Mission for Clean Ganga(NMCG) is registered as a society under the Societies Registration Act 1860. The chairperson for National Council for Rejuvenation, Protection and Management of River Ganga (referred as National Ganga Council) is the Prime Minister.

Statement 2 is correct. Contribution to the Clean Ganga Fund set-up by the Central Government for rejuvenation of river Ganga is eligible for CSR expenditure.

Q.9) Consider the following statements regarding **Bacteriophage**;

1. It is a kind of bacteria that infects viruses.
 2. Phage therapy refers to the use of bacteriophage to treat viral infections.
- Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: D

Explanation: Statement 1 is incorrect. The viruses that infect bacteria are called bacteriophage or phages.

Statement 2 is incorrect. Phage therapy refers to use of bacteriophages to treat pathogenic bacterial infections.

Trivia: Before antibiotics were discovered, there was considerable research on use of phages against viral infections which declined with the advent of various antibiotics. But with antibiotic resistance increasing there is a renewed interest in the field of Phage therapy.

Q.10) Consider the following statements regarding '**Chak-Hao**';

1. It is a Vitamin A rich wheat variety of Manipur.
 2. It has been granted a Geographical Indication (GI) tag.
- Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. Chak-Hao is a scented glutinous black rice variety, it is a centuries old cultivation of Manipur.

Statement 2 is correct. It has been given a GI tag under Geographical Indications of Goods (Registration and Protection) Act, 1999.

Q.11) Consider the following statements regarding **President's Electoral College**;

1. Nominated members of Parliament and State legislatures cannot vote in Presidential elections.
2. As per constitution, legislatures of NCT of Delhi, the Union territories of Pondicherry and Jammu & Kashmir are eligible to vote in Presidential elections.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only

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- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: A

Explanation: Statement 1 is correct. Article 54 of the Constitution states “the President shall be elected by the members of an electoral college consisting of the elected members of both Houses of Parliament; and the elected members of the Legislative Assemblies of the States”.

Statement 2 is incorrect. Delhi and Puducherry were included as Electoral College members under Article 54 through the 70th Constitution Amendment Act of 1992. The J&K Reorganization Act mentions that J&K Legislature would have the same powers as its Puducherry counterpart but there has been no amendment to constitution for inclusion of legislature new UT of J&K in the President's electoral college.

Q.12) Consider the following statements **Delimitation of electoral Constituencies**;

1. Previous delimitation of constituencies was done after the 2011 census.
2. The Constitution has been amended to freeze the delimitation of Parliamentary constituencies till 2026.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Statement 1 is incorrect. The present delimitation of constituencies has been done on the basis of 2001 census figures under the provisions of Delimitation Act, 2002.

Statement 2 is correct. 84th Constitutional Amendment Act 2002 froze the delimitation of constituencies till the first census after 2026. Thus, the present Constituencies carved out on the basis of 2001 census shall continue to be in operation till the first census after 2026.

Q.13) Which of the following has the highest weightage in the **Index of Eight Core Industries**?

- a) Electricity generation
- b) Petroleum Refinery
- c) Steel production
- d) Crude Oil

Correct answer: B

Explanation: The Eight Core Industries comprise 40.27 per cent of the weight of items included in the Index of Industrial Production (IIP). The industry-wise weights indicated in the ICI are Coal 10.33 %, Crude Oil production 8.98 %, Natural Gas 6.88%, Petroleum Refinery 28.04 %, Fertilizers 2.63 %, Steel 17.92 %, Cement production 5.37 % and Electricity generation 19.85%.

A similar question has been asked by UPSC in 2015 prelims.

Q.14) Consider the following statements regarding alcohol-based **Hand Sanitizers**;

1. They are inflammable.
2. They are more effective than soaps against all kinds of germs & chemicals.

Which of the statements given above is/are correct?

- a) 1 only

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- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: A

Explanation: Statement 1 is correct. Alcohol-based hand sanitizers are flammable due to their alcohol content.

Statement 2 is incorrect. Soap and water are more effective than hand sanitizers at removing certain kinds of germs, like Cryptosporidium, norovirus, and Clostridium difficile and also the hand sanitizer cannot remove harmful chemicals.

Q.15) Consider the following statements regarding **International Energy Agency:**

1. World Energy Outlook (WEO) is the annual publication of IEA.
 2. A candidate country for IEA membership must be a member of the OECD.
- Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Statement 1 is correct. The World Energy Outlook (WEO) of IEA provides critical analysis and insights on trends in energy demand and supply, and what they mean for energy security, environmental protection and economic development.

Statement 2 is correct. The IEA was born with the 1973-1974 oil crisis, when industrialized countries found they were not adequately equipped to deal with the oil embargo imposed by major producers. The IEA is made up of 30 member countries and a candidate country to the IEA must be a member country of the OECD.

The International Energy Agency (IEA) has reported that it expects global energy demand to decrease considerably this year amid the Covid-19 pandemic.

Q.16) “**Year of Awareness on Science & Health (YASH)**” is recently in news, is launched by which of the following?

- a) Department of Health & Family Welfare
- b) Department of Health Research
- c) Department of Science & Technology (DST)
- d) NITI Aayog

Correct answer: C

Explanation: National Council for Science & Technology Communication (NCSTC), Department of Science & Technology (DST) has launched a programme on health and risk communication ‘Year of Awareness on Science & Health (YASH)’ with focus on COVID-19. It is a comprehensive and effective science and health communication effort for promoting grass-root level appreciation and response on health and would help saving and shaping the lives of people at large, as well as build confidence, inculcate scientific temper and promote health consciousness among them.

Q.17) Which of the following river is famous for “**frozen river trek**” in India?

- a) Indus River
- b) Satluj River
- c) Brahmaputra River

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d) Zaskar River

Correct answer: D

Explanation: Featuring a surreal backdrop of nature colours, the Frozen River Trek, commonly known as the Chadar Trek, is one of the challenging treks in the Ladakh region. During the winter season, the Zaskar River converts into ice, giving trekkers a perfect platform for trekking. The trail to the Zaskar valley is going to be a challenging yet exciting one as the ice walls are vertical cliffs, which are up to 600 m high, and the Zaskar river is narrow, approximately 5 m wide. Once upon the time, the trail used to be a traditional trade route.

Q.18) Under which of the following Act, the **Central Pollution Control Board** was established in India?

- a) Wild Life Protection Act, 1972.
- b) Water (Prevention and Control of pollution) Act, 1974.
- c) The Forest (Conservation) Act, 1980.
- d) The Air (Prevention and Control of Pollution) Act, 1981.

Correct answer: B

Explanation: India participated in the United Nations Conference on the Human Environment held in Stockholm in June 1972 to take appropriate steps for the preservation of the natural resources of the earth which, among other things, include the preservation of the quality of air and control of air pollution. Based on the concluding guidelines of this conference, the Water (Prevention and Control of pollution) Act was formulated by the government of India in 1974. Under this act, one Central board and numerous State boards shall be appointed by notification in the Official Gazette called Central Pollution Control Board (CPCB) and State Pollution Control Board (SPCB) respectively with effect from a date not later than six months of the commencement of this Act.

Q.19) Which of the following is/are reasons for less developed “**Corporate Bond Market**” in India?

- 1. Predominance of Bank loans
- 2. Crowding out effect by government bonds
- 3. FII's participation is high

Select the correct answer using the code given below:

- a) 1 and 2 only
- b) 1, 2 and 3
- c) 2 and 3 only
- d) 1 and 3 only

Correct answer: A

Explanation: The Economic Survey 2010–11, cites many reasons for the less developed bond market in India-

- Predominance of banks loans;
- FII's participation is limited;
- Pensions and insurance companies and household are limited participants because of lack of investor confidence; and
- Crowding out by government bonds.

Q.20) Consider the following statements with respect to “**Green Climate Fund**”:

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1. The Green Climate Fund (GCF) is the world's largest dedicated fund helping developing countries reduce their greenhouse gas emissions.
2. It was set up by the United Nations Framework Convention on Climate Change (UNFCCC) in 2010.

Which of the statements given above is/are NOT correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: D

Explanation: Statement 1 is correct: The Green Climate Fund (GCF) is the world's largest dedicated fund helping developing countries reduce their greenhouse gas emissions and enhance their ability to respond to climate change.

Statement 2 is correct: GCF was set up by the United Nations Framework Convention on Climate Change (UNFCCC) in 2010. GCF has a crucial role in serving the Paris Agreement, supporting the goal of keeping average global temperature rise well below 2 degrees C. It does this by channeling climate finance to developing countries, which have joined other nations in committing to climate action.

Q.21) Consider the following statements regarding **Artemis program**;

1. It is a mission of NASA for exploration of Jovian planets.
2. NASA aims to land the first woman on the Moon through the mission.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. Artemis is NASA's ongoing project to land a crewed module on the Moon by 2024. NASA is collaborating with various commercial and international partners such as the European Space Agency (ESA), the Japan Aerospace Exploration Agency (JAXA), Canadian Space Agency (CSA) and the Australian Space Agency (ASA) in this project.

Statement 2 is correct. With the Artemis program, NASA will land the first woman and next man on the Moon by 2024. Apollo 17 (1972) was the final Moon landing mission of NASA's Apollo program, and remains the most recent time humans have travelled beyond low Earth orbit (International Space Station).

Q.22) Consider the following statements regarding **Cytokine storm**;

1. It is the result of the immune response of the body.
2. A cytokine storm affects the healthy cells of the body.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Both statements are correct.

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Cytokines are a category of small proteins important in cell signaling. These are small proteins released by many different cells in the body, including those of the immune system where they coordinate the body's response against infection and trigger inflammation. Sometimes the immune response goes into an overdrive, an uncontrolled level of cytokine leads to more and more immune cells attacking the infection, immune cells spread beyond infected body parts and start attacking healthy tissues. It can be fatal and has been seen in COVID-19 cases.

Q.23) Consider the following statements regarding **Saffron spice**;

1. India is the largest global producer of Saffron.
2. Kashmir Saffron is a recognized Geographical Indication.
3. Karewa soil formations of Kashmir are favorable for the Saffron cultivation.

Which of the statements given above is/are correct?

- a) 1 and 2 only
- b) 2 and 3 only
- c) 3 only
- d) All of the above

Correct answer: B

Explanation: Statement 1 is incorrect. Iran is the largest Saffron producing country. But the quality of Kashmir Saffron is considered much better than the low cost Saffron produced in Iran and other countries like Spain, Greece etc.

Statement 2 is correct. Kashmiri saffron has been granted Geographical Indication (GI) tag recently.

Statement 3 is correct. The Karewas are composed of sand, silt, clay, shale, mud, lignite, gravel and loessic sediments. Karewa formations are useful for the cultivation of Zafran, a local variety of saffron in Kashmir.

Q.24) Consider the following statements regarding '**One nation-one ration card**' scheme;

1. It aims to link all Ration cards with Aadhar Cards.
2. The card holder resident of one state will be able to avail ration in any other state.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Statement 1 is correct. The scheme on "Integrated Management of Public Distribution System (IM-PDS)" is being implemented by Ministry of Consumer Affairs, Food & Public Distribution, in this the target is to implement a One nation-one ration card scheme nationwide by linking all the ration cards all over the country with Aadhar cards and organizing food grain distribution mechanism in its entirety through Point of Sale (PoS) machine is in the final stage.

Statement 2 is correct. Once the "One Nation One Ration Card" scheme is implemented across the nation and for that data of all ration cards will be connected to one server and any beneficiary, anywhere in the country, will be able to pick up their grain from any public distribution system.

Q.25) Consider the following statements regarding **Chief of Defence Staff**;

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- a) CDS is rank of a four-star General with salary and perquisites equivalent to a Service Chief.
b) CDS is the head of the Department of Military Affairs in the Ministry of Defence.
Which of the statements given above is/are correct?

- a) 1 only
b) 2 only
c) Both 1 and 2
d) Neither 1 nor 2

Correct answer: C

Explanation: Statement 1 is correct. Chief of Defence Staff is the rank of a four-star General with salary and perquisites equivalent to a Service Chief.

Statement 2 is correct. The Chief of Defence Staff heads the Department of Military Affairs (DMA), created within the Ministry of Defence and functions as its Secretary.

Other duties and functions of the Chief of Defence Staff (CDS) include:

To act as the Principal Military Advisor to Raksha Mantri on all Tri-Service matters.

To function as the Permanent Chairman of the Chiefs of Staff Committee

To administer the Tri-Service organizations/agencies/commands.

To be a member of Defence Acquisition Council chaired by Raksha Mantri.

To function as the Military Advisor to the Nuclear Command Authority.

Q.26) Which of the following statements is correct regarding **May Day**?

- a) International Workers' Day is celebrated on this day
b) It is celebrated on first of May
c) It is a distress call sign in radio communications
d) Both (a) and (b)

Correct answer: D

Explanation: International Workers' Day aka May Day is a celebration of labourers and the working classes that is promoted by the international labour movement. May Day is also a holiday in some parts of Europe for the celebration of the return of spring.

The distress call in radio communication is 'mayday'; convention requires that the word be repeated three times in a row during the initial emergency declaration ("Mayday mayday mayday") to prevent it being mistaken for some similar-sounding phrase.

Q.27) Consider the following statements regarding **Pooram festival**;

1. It is an annual festival in temples of Kerala.
2. 'Kodiyettam' is the flag hoisting ceremony starting the festival.

Which of the statements given above is/are correct?

- a) 1 only
b) 2 only
c) Both 1 and 2
d) Neither 1 nor 2

Correct answer: C

Explanation: Both statements are correct.

It is an annual festival, which is celebrated in temples in Valluvanad area and other adjoining parts of north-central Kerala. Thrissur Pooram is the largest and most famous of all poorams. The pooram officially begins from the event of flag hoisting (Kodiyettam).

Q.28) Consider the following statements regarding **GISAID initiative**;

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1. It promotes international sharing of all influenza virus sequences.
 2. Indian government hosts the database of the information under initiative.
- Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: A

Explanation: Statement 1 is correct. The GISAID (Global Initiative on Sharing All Influenza Data) platform was launched on the occasion of the Sixty-first World Health Assembly in May 2008. It promotes the international sharing of all influenza virus sequences, related clinical and epidemiological data associated with human viruses and provides public access through its database (named EpiFlu).

Statement 2 is incorrect. In 2010 Germany became the official host of the GISAID platform and EpiFlu database.

Q.29) Consider the following statements regarding **Bannerghatta National Park**;

1. Bengal Tigers roam at this National Park.
 2. The Krishna river flows through the park.
- Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: A

Explanation: Statement 1 is correct. Fauna at the park include elephants, Bengal Tiger, wild boar, spotted deer etc.

Statement 2 is incorrect. Krishna river flows through northern parts of karnataka, the park is in South. Suvarnamukhi stream runs through the Bannerghatta National Park.

Q.30) Consider the following statements;

1. Corporate tax and Goods & services tax are indirect taxes.
2. Personal income tax is a direct tax.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. Corporate tax levied on the companies registered under the Company law in India on the net profit they make. It is a direct tax. Goods and Service Tax (GST) is an indirect tax levied on the supply of goods and services.

Statement 2 is correct. Direct taxes include income tax, property tax, corporate tax etc.

A direct tax is paid directly by an individual or organization to the government, the burden of tax cannot be shifted in case of direct taxes while the indirect tax though paid by any entity, its burden is shifted to the end consumer.

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Q.31) Consider the following statements with respect to “**International Financial Services Centres (IFSC)**”:

1. IFSC is a jurisdiction that provides financial services to resident and non-resident Indians in Foreign currencies.
2. GIFT (Gujarat International Finance Tec-City) located in Gandhinagar is India’s first International Financial Services Centre.

Which of the following codes below given is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct Answer: C

Explanation: International Financial Services Centres (IFSC)

Statement 1 is correct: International Financial Services Centres (IFSC) is a jurisdiction that provides financial services to resident and non-resident Indians in foreign currencies. They are intended to provide Indian corporations with easier access to global financial markets, and to complement and promote the further development of financial markets in India.

Statement 2 is correct: GIFT (Gujarat International Finance Tec-City) located in Gandhinagar is India’s first International Financial Services Centre.

Q.32) “**Project Coswara**”- is an attempt to build a diagnostic tool for Covid-19 based on respiratory, cough and speech sounds is launched by which of the following?

- a) IISc-Bangalore
- b) IIT-Madras
- c) AIIMS-Delhi
- d) IIT-Khargpur

Correct Answer: A

Explanation: Project Coswara by Indian Institute of Science (IISc) Bangalore is an attempt to build a diagnostic tool for Covid-19 based on respiratory, cough and speech sounds. The word Coswara is an amalgamation of Co (from corona) and Swara (sound in sanskrit). The project is being pursued in three stages:

- Data Collection
- Modeling
- Diagnostic Tool

Q.33) Which of the following is/are have been given “**Geographical Indication (GI) tags**”?

1. Palani Panchamirtham
2. Tirur Betel vine
3. Kakinada gottam kaja

Select the correct answer using the code given below:

- a) 1 only
- b) 1 and 2 only
- c) 2 and 3 only
- d) 1, 2 and 3

Correct Answer: B

Explanation: A Geographical Indication (GI) is a name or sign used on certain products which corresponds to a specific geographical location or origin (e.g. a town, region, or country). Approved by the Geneva-headquartered World Trade Organization, a GI tag

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recognises the place of origin of a product and the specific qualities or means of production associated with it. GI Tag acts as a certificate and it is a way of ensuring that similar products from elsewhere cannot be sold under this name. In the month of September 2019, the government allotted Geographical Indication (GI) tags to four new products from the states of Tamil Nadu, Mizoram and Kerala.

- Palani Panchamirtham, a 'prasadam' or religious offering in temples: Palani Town, Tamil Nadu
- Tawlhlohpuan, is a fine quality fabric woven: Mizoram
- Mizo Puanchei, essentially a shawl, is considered the most colourful textile: Mizoram
- Tirur betel vine valued for its medicinal and cultural usages: Malappuram district of Kerala
- 'Odisha rasagola', for the delectable eastern sweet: Odisha

Q.34) “Kanwar Lake Bird Sanctuary” is located in which of the following state?

- a) West Bengal
- b) Jharkhand
- c) Uttar Pradesh
- d) Bihar

Correct Answer: D

Explanation: Kanwar Lake Bird Sanctuary is located in the Begusarai district of Bihar and was founded in the year 1987. It is spread over an area of about 68 sq km and is the largest freshwater oxbow lake in Asia. Yes, you read that right. It is generally known for its beautiful population of migratory as well as indigenous birds.

Q.35) Which of the following state has launched a new higher education model called as “Resource Assistance for Colleges with Excellence (RACE)”?

- a) Rajasthan
- b) Gujarat
- c) Maharashtra
- d) Kerala

Correct Answer: A

Explanation: Rajasthan government has launched a new higher education model called as Resource Assistance for Colleges with Excellence (RACE). This new higher education model will help in distribution of faculties and movable assets among the government colleges at the district level to rationalize the availability of resources. The model will also create a pool for sharing of facilities.

Q.36) Consider the following statements regarding Comprehensive Nuclear-Test-Ban Treaty;

1. The treaty is not yet in force.
2. China, the United States and Iran have not ratified the treaty.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

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Explanation: Statement 1 is correct. The treaty was adopted by the United Nations General Assembly on 10 September 1996 but has not entered into force, as eight out of 44 specific nations have not ratified/signed the treaty. The treaty will enter into force 180 days after the 44 states listed in Annex 2 of the treaty have ratified it.

Statement 2 is correct. China, Egypt, Iran, Israel and the United States have signed but not ratified the Treaty; India, North Korea and Pakistan have not signed it.

Q.37) Consider the following statements regarding the **'Perseverance' rover mission**;

1. It is ISRO's next mission to Mars after Mangalyaan.
2. It is part of a project to bring Mars samples back to earth.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. It is part of NASA's Mars Exploration Program, it is scheduled to launch on 17 July 2020, and touch down in Jezero crater on Mars on 18 February 2021.

Statement 2 is correct. The Perseverance rover will seek signs of ancient life and collect rock and soil samples for possible return to Earth.

Q.38) Consider the following statements regarding **"Human Challenge Trial"**;

1. It delays the time taken for vaccine development.
2. The candidates are intentionally infected with the virus to judge the efficacy of the immunization.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. Human Challenge study of a vaccine development has potential for reducing the time for vaccine development. But it has some serious ethical concerns. Typical vaccine trials take a long time because thousands of people receive either a vaccine or a placebo, and researchers' track who becomes infected in the course of their daily lives.

Statement 2 is correct. A challenge study could in theory be much faster: a much smaller group of volunteers would receive a candidate vaccine and then be intentionally infected with the virus, to judge the efficacy of the immunization.

"1daysooner" initiative is registering candidates for the Human Challenge trial of COVID-19 Vaccine.

Q.39) Consider the following statements regarding **Copernicus Programme**;

1. It is a programme of European Union.
2. It is a military satellite constellation.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only

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- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: A

Explanation: Statement 1 is correct. Copernicus is the European Union's programme coordinated and managed by the European Commission in partnership with the European Space Agency (ESA), the EU Member States and EU Agencies.

Statement 2 is incorrect. Copernicus is an Earth observation programme served by a set of dedicated satellites (the Sentinel families) and contributing missions (existing commercial and public satellites).

Q.40) Consider the following statements regarding **University Grants Commission;**

1. It is a society registered under Societies Registration Act, 1860.
2. It allocates and disburses the funds to Universities.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. UGC was formally established in 1956 as a statutory body of the Government of India through an Act of Parliament for the coordination, determination and maintenance of standards of university education in India. Statement 2 is correct. It allocates and disburses, out of the Fund of the Commission, grants to Universities. It has been vested with two responsibilities: that of providing funds and that of coordination, determination and maintenance of standards in institutions of higher education.

Q.41) Which of the following correctly describes **geo-fencing**?

- a) It is a global service for monitoring earth's atmosphere
- b) It creates a virtual boundary around specific location
- c) It refers to the fencing being deployed at Mexico-US border
- d) It is a proposed set of earth protection satellite system

Correct answer: B

Explanation: A geofence is a virtual perimeter for a geographic area. Geofencing is a location-based service in which an app or other software uses GPS, RFID, Wi-Fi or cellular data to trigger a pre-programmed action when a mobile device or RFID tag enters or exits a virtual boundary set up around a geographical location, known as a geofence.

Q.42) Consider the following statement regarding **Remdesivir;**

1. It is an antiviral drug developed by Serum Institute of India.
2. It was originally developed to treat Ebola.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

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Explanation: Statement 1 is incorrect. Remdesivir is an antiviral medication developed by the American biopharmaceutical company Gilead Sciences.

Statement 2 is correct. Remdesivir was originally developed to treat Ebola virus disease. Gilead Sciences later observed that remdesivir had antiviral activity in vitro against multiple filoviruses, pneumo viruses, paramyxoviruses, and coronaviruses.

Q.43) Consider the following statements regarding **Svmitva Scheme**;

1. It is under the Ministry of Housing and Urban Affairs.
 2. It aims to provide rural people with the right to document their residential properties.
- Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. SVAMITVA scheme is a new initiative of the Ministry of Panchayati Raj.

Statement 2 is correct. This scheme will help in streamlining planning and revenue collection in rural areas and ensuring clarity on property rights; the scheme will also enable creation of better-quality Gram Panchayat Development Plans engaging Drone Surveying technology.

Q.44) The '**Unified Geologic Map of the Moon**' has been released by:

- a) SpaceX
- b) United States Geological Survey (USGS)
- c) Indian Space Research Organisation (ISRO)
- d) Laser Interferometer Gravitational-Wave Observatory (LIGO)

Correct answer: B

Explanation: USGS, in collaboration with NASA and the Lunar Planetary Institute, has come up with the first of its kind map of the Moon called Unified Geologic Map of the Moon. It shows orthographic projections – that is, representations of 3-dimensional objects on a 2-dimensional map – of the geology of the moon's near side and far side.

Q.45) Which of the following is correctly matched?

1. Paracel Islands - South China Sea
2. Rakhine - Myanmar
3. Chechnya - Russia

Select the correct answer using the code given below:

- a) 1 and 3 only
- b) 2 only
- c) 2 and 3 only
- d) All of the above

Correct answer: D

Explanation: All are correctly matched.

The Paracel Islands is a disputed (China-Vietnam) archipelago located in the South China Sea.

Rakhine State is a state in Myanmar.

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Chechnya is in southwestern Russia, situated on the northern flank of the Greater Caucasus range.

Q.46) “Global Energy Transition Index” is released by which of the following institution?

- a) International Energy Agency
- b) World Economic Forum
- c) World Resource Institute
- d) The International Renewable Energy Agency (IRENA)

Correct Answer: B

Explanation: Global Energy Transition Index is released by **World Economic Forum** which has rank the economies on how well they are able to balance energy security and access with environmental sustainability and affordability.

Q.47) Consider the following statements with respect to “Science and Engineering Research Board (SERB)”:

- 1. It is established by passing resolution of union executive.
- 2. It is just advisory body like Niti Aayog.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct Answer: D

Explanation: Science and Engineering Research Board (SERB).

Statement 1 is incorrect: The Science and Engineering Research Board (SERB) is a **statutory body established through an Act of Parliament, 2008.**

Statement 2 is incorrect: Promoting basic research in Science and Engineering and to provide financial assistance to persons engaged in such research, academic institutions, research and development laboratories, industrial concerns and other agencies for such research and for matters connected therewith or incidental thereto are the primary and distinctive mandate of the Board.

Q.48) “ATULYA” is recently in news, is related to which of the following?

- a) Microwave sterilizer
- b) Wind Shield
- c) Stealth Frigate
- d) Stealth Radar

Correct Answer: A

Explanation: **Defense Institute of Advanced Technology (DIAT)**, Pune, a deemed university supported by Defense Research and Development Organization has come up with a cost-effective solution to disintegrate corona virus. A microwave sterilizer named as ‘ATULYA’ can be operated in portable or fixed installations and helps in disintegrating the virus by differential heating in the range of 56 to 60 Celsius temperatures.

Q.49) “National Institute of Animal Biotechnology (NIAB)” is located in which of the following city?

- a) Lucknow
- b) Bangalore

- c) New Delhi
- d) Hyderabad

Correct Answer: D

Explanation: NIAB, Hyderabad is aimed to harness novel and emerging biotechnologies and take up research in the cutting edge areas for improving animal health and productivity. The Institute's focus of research will be on Animal Genetics and Genomics, Transgenic Technology, Reproductive Biotechnology, Infectious Diseases, Bioinformatics and Nutrition Enrichment. Researchers from the National Institute of Animal Biotechnology (NIAB) have developed a biosensor named "eCovSens". eCovSens detects the presence of novel coronavirus antigens in human saliva within 30 seconds using just 20 micro-litres of the sample.

Q.50) Which of the following statements is NOT correct about "**Pulicat Lake**"?

- a) It is located at the border of the states of Andhra Pradesh and Tamil Nadu.
- b) Pulicat Lake is popular as a flamingo-watching site.
- c) It is the second largest brackish water lake in the country.
- d) None of the above.

Correct Answer: D

Explanation: Pulicat Lake is the second-largest **brackish water lake** in the country, the beautiful Pulicat Lake lies at the border of the states of Andhra Pradesh and Tamil Nadu on the Barricade Island of Sriharikota. Also called Pazhaverkadu, the lake is popular as a flamingo-watching site and for water activities. The prime season to visit is between October and March as during that time, over 20,000 migratory birds come to the lake for breeding purposes. The lake is also known for the **Pulicat Bird Sanctuary** and attracts a number of tourists. Besides flamingos, one can also sight storks and kingfishers. The Pulicat Lake is situated about 60 km from Chennai in the Tiruvallur District. Spanning an area of 159 sq km, it is surrounded by colonial buildings from the Dutch-era.

Q.51) Which of the following releases the World **Press Freedom Index**?

- a) The Committee to Protect Journalists
- b) Oxfam International
- c) Reuters
- d) Reporters Without borders

Correct answer: D

Explanation: The Press Freedom Index is an annual ranking of countries compiled and published by **Reporters Without Borders**. It is based on the NGO's own assessment of the countries' press freedom records in the given year.

Reporters Without Borders (RSF) is an independent NGO with consultative status with the United Nations, UNESCO, the Council of Europe and the International Organization of the Francophonie (OIF). It is based in Paris, France.

Q.52) Consider the following statements regarding "**eCovSens**";

1. It is an antibody based testing kit for COVID-19.
 2. It has been indigenously developed in India.
- Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2

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d) Neither 1 nor 2

Correct answer: C

Explanation: Both statements are correct. **National Institute of Animal Biotechnology (NIAB)**, Hyderabad, has developed a biosensor 'eCovSens' that can detect the novel coronavirus in saliva samples. The biosensor consists of a carbon electrode and the coronavirus antibody. The antibody is capable of binding with the spike protein found on the outer layer of the virus. An electrical signal is generated when the antigen and antibody binds.

Q.53) Consider the following statements regarding **C-130J aircraft**;

1. It is a military transport aircraft.
 2. It is indigenously developed by Hindustan Aeronautics Limited (HAL).
- Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: A

Explanation: Statement 1 is correct. C-130J Super Hercules is a four-engine turboprop military transport aircraft. The Indian Air Force purchased C-130J-30s in 2008 at a cost of US\$1.059 billion for its special operations forces in a package deal with the US government under its Foreign Military Sales (FMS) program.

Statement 2 is incorrect. It is developed and produced by **Lockheed Martin Corporation**, an American aerospace company.

Q.54) Consider the following statements regarding **Immunoglobulin**;

1. These are the antibodies produced in response to a disease.
2. Some immunoglobulin can cross the placenta in a pregnant woman to help protect her baby.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Statement 1 is correct. **Antibody, also known as an immunoglobulin**, is a large, Y-shaped protein; they are produced by specific immune cells called plasma cells in response to bacteria, viruses, and other microorganisms as well as exposures to other substances that are recognized by the body as "non-self" harmful antigens.

Statement 2 is correct. **IgG is the only antibody class that can cross the human placenta.** Placental transfer of maternal IgG antibodies to the fetus is the mechanism that provides protection to the babies while their humoral response is inefficient.

Q.55) Consider the following statements regarding **Jute Production**;

1. The first jute mill in India was established at Rishra, Bengal.
2. Jute can be used as a geotextile.
3. Burlap is a finer quality of jute.

Select the correct answer using the code given below;

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- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All of the above

Correct answer: D

Explanation: Statement 1 is correct. The first jute mill was established at Rishra (Bengal), on the river Hooghly near Calcutta in the year **1855, by Mr. George Aclend**. Mr. George Ackland brought jute spinning machinery from Dundee (U.K). In 1959, the first power driven weaving factory was set up.

Statement 2 is correct. Geotextiles are permeable fabrics which, when used in association with soil, have the ability to separate, filter, reinforce, protect, or drain. Jute being eco-friendly has distinguishing features such as: High moisture absorption capacity, flexibility and drainage properties. Geo jute is used in erosion control, separation, filtration and drainage in civil engineering work, and agricultural uses.

Statement 3 is correct. **The hessian, a finer quality of jute is called Burlap**. Burlap bags are used to ship and store grain, fruits and vegetables, flour, sugar, animal feeds and other agricultural commodities.

Q.56) Consider the following statements regarding **Unicode Consortium**;

- 1. It is an intergovernmental organisation having observer status at the United Nations.
- 2. Government of India is a non-voting institutional member of consortium.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: D

Explanation: Statement 1 is incorrect. **Unicode Consortium is a non-profit organization** with purpose to maintain and publish the Unicode Standard which was developed to replace existing character encoding schemes which are limited in size and scope, and are incompatible with multilingual environments.

Statement 2 is incorrect. **India is an institutional member with voting power.**

The Unicode Consortium Members

Full Members (Voting)



Institutional Members (Voting)



Supporting Members (Voting)



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Q.57) Consider the following statements regarding **Multi Commodity Exchange (MCX)**;

1. It is a sub unit under Bombay Stock Exchange of India.
2. It is regulated by Securities and Exchange Board of India (SEBI).

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. Multi Commodity Exchange of India Ltd is an independent commodity exchange based in India. It was established in 2003 and is based in Mumbai. It is a commodity derivatives exchange that facilitates online trading of commodity derivatives transactions.

Statement 2 is correct. It operates under the regulatory framework of Securities and Exchange Board of India (SEBI). Earlier it was regulated by the **Forward Markets Commission (FMC), which got merged with the SEBI in 2015.**

Q.58) Consider the following statements regarding **CITES** (the Convention on International Trade in Endangered Species of Wild Fauna and Flora);

1. Its secretariat is administered by UNEP.
2. Commercial trade of the species listed in any Appendices of CITES is not permitted.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: A

Explanation: Statement 1 is correct. The **CITES Secretariat is administered by UNEP** and is located at Geneva, Switzerland. CITES was drafted as a result of a resolution adopted in 1963 at a meeting of members of IUCN, in 1975 CITES entered in force.

Statement 2 is incorrect. **Appendix I** contains about 1200 species, these are threatened with extinction and are or may be affected by trade. Commercial trade in wild-caught specimens of these species is illegal (permitted only in exceptional licensed circumstances).

Appendix II contains about 21,000 species that are not necessarily threatened with extinction, but may become so unless trade in specimens of such species is subject to strict regulation in order to avoid utilization incompatible with the survival of the species in the wild. No import permit is necessary for these species under CITES.

Appendix III lists about 170 species, these are species that are listed after one member country has asked other CITES Parties for assistance in controlling trade in a species.

Q.59) Consider the following statements;

1. New Development Bank & Asian Infrastructure Investment Bank are initiatives of and for BRICS nations.
2. China & India are the largest shareholders of voting power in AIIB.
3. India functions only as a contributing nation and does not receive loans from AIIB.

Select the correct answer using the code given below;

- a) 1 and 2 only
- b) 2 only
- c) 1 and 3 only

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d) All of the above

Correct answer: B

Explanation: Statement 1 is incorrect. **New Development Bank** is a multilateral development bank operated by the BRICS states. The bank's primary focus of lending is infrastructure projects. The **Asian Infrastructure Investment Bank** is a multilateral development bank that aims to support the building of infrastructure in the Indo-Pacific region but it is not limited to BRICS nations, The bank currently has 78 members as well as 24 prospective members from around the world.

Statement 2 is correct. China, India and Russia have the largest voting powers in AIIB.

Statement 3 is incorrect. India has borrowed from AIIB for projects in Water, Roadways infrastructure in various states. AIIB also committed to invest in the **National Investment & Infrastructure Fund**.

Q.60) Which of the following is correct regarding **CE certification** seen on goods packaging;

- a) It is issued by United States of America
- b) It indicates conformity with health, safety, and environmental protection standards
- c) Both (a) and (b)
- d) None of the above

Correct answer: B

Explanation: The letters 'CE' appear on many products traded on the extended Single Market in the **European Economic Area (EEA)**. They signify that products sold in the EEA have been assessed to meet high safety, health, and environmental protection requirements. The CE marking is also found on products sold outside the EEA that have been manufactured to EEA standards.

Q.61) Which of the following is/are factors responsible for **Zoonoses**?

- 1. Deforestation and other land use changes
- 2. Poorly regulated Wildlife trade
- 3. Intensified livestock production
- 4. Climate Change

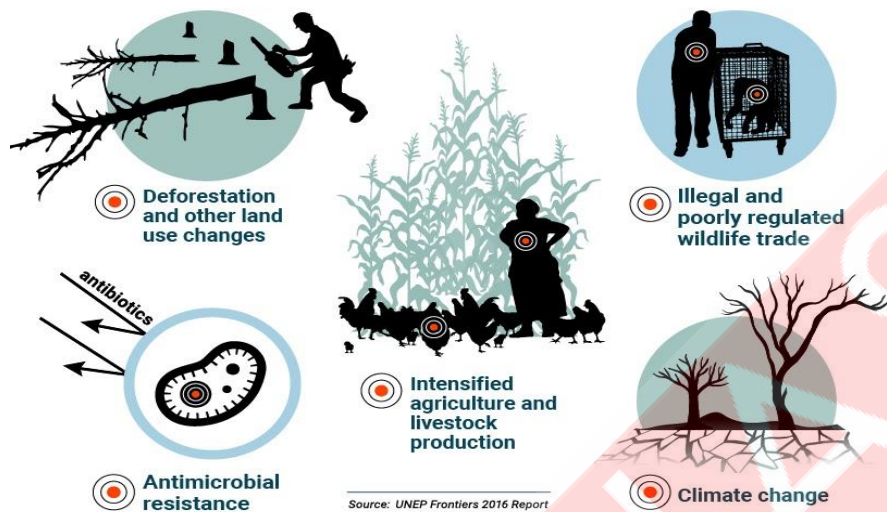
Select the correct answer answer using code below;

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1, 2 and 3 only
- d) All of the above

Correct answer: D

Explanation: All are the factors that have potential to increase the zoonoses (disease or infection transmissible from animals to humans).

**What factors are increasing zoonosis emergence?
(Diseases transmitted from animals to humans)**



#COVID19

UN
environment
programme

Q.62) Which of the following are **industry chambers** in India;

1. FICCI
2. Assocham
3. CII

Select the correct answer using the code given below;

- a) 1 and 2 only
- b) 2 and 3 only
- c) 3 only
- d) All of the above

Correct answer: D

Explanation: All given above are industry chambers in India. The chambers of industry are associations of business organisations which put forward the unified demand of industries to governments & try to maintain a healthy business environment by cooperation.

The **Federation of Indian Chambers of Commerce and Industry (FICCI)** was established in 1927, on the advice of Mahatma Gandhi by GD Birla and Purshottamdas Thakurdas, it one of the largest, and the apex business organization in India.

Confederation of Indian Industry (CII) is another non-government, not-for-profit, industry-led and industry-managed organization, playing a proactive role in India's development process. It was founded in 1895 and is celebrating 125 years in 2020.

The **Associated Chambers of Commerce and Industry of India (ASSOCHAM)** is one of the apex industry associations of India. The organisation represents the interests of trade and commerce in India, and acts as an interface between issues and initiatives. It was established in 1920.

Q.63) What is 'Nudol' that has been in news recently;

- a) a potential treatment for COVID-19
- b) an anti-satellite missile

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- c) a dwarf planet inside the solar system
- d) a new species of spider discovered in Western ghats

Correct answer: B

Explanation: The Nudol is a Russian anti-ballistic missile interceptor that also functions as an anti-satellite weapon. It is designed to deflect a nuclear attack on Moscow and important industrial regions of Russia.

Q.64) Consider the following statement regarding **Hepatitis** disease;

1. It is a bacterial disease affecting liver cells.
2. All Hepatitis infections Vaccine preventable.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: D

Explanation: Statement 1 is incorrect. Hepatitis is **inflammation of the liver** tissue. It is commonly caused by a viral infection.

Statement 2 is incorrect. Vaccine is available against hepatitis A and hepatitis B but not against hepatitis C. Hepatitis B vaccine also prevents hepatitis D. There is no globally recognized and available vaccine for hepatitis E, a vaccine to prevent hepatitis E virus infection has been developed and is licensed in China, but is not yet available elsewhere.

Q.65) Consider the following statements regarding **JAGA Mission**;

1. It is a Union Government initiative to improve standards of living slum areas.
2. It has been awarded the World Habitat Award 2019.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. **Odisha Liveable Habitat Mission "JAGA"** is a society under Housing & Urban Development Department, Government of Odisha. "JAGA" aims at transforming the slums into liveable habitat with all necessary civic infrastructure and services at par with the better off areas within the same urban local body (ULB) and to continuously improve the standard of the infrastructure and services and access to livelihood opportunities.

Statement 2 is correct. World Habitat Awards recognise and highlight innovative, outstanding and sometimes revolutionary housing ideas, projects and programmes from across the world. It is given by the World Habitat partnership with UN-Habitat. Odisha Liveable Habitat Mission won the Bronze award in 2019.

Q.66) Consider the following statements regarding **share market trading**;

1. Bear market represents a market on rise.
2. Bull market represents a declining market.

Which of the statements given above is/are correct?

- a) 1 only

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- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: D

Explanation: Both statements are incorrect.

This terminology is used for the prevailing conditions in a share market and economy. The bull market represents a rising market and sound economy while a bear market represents a declining market and slowing economy. Bulls are the investors expecting a rise in value of shares and bears are investors betting on decreasing value stocks.

Q.67) Consider the following statements regarding **Super Moon**;

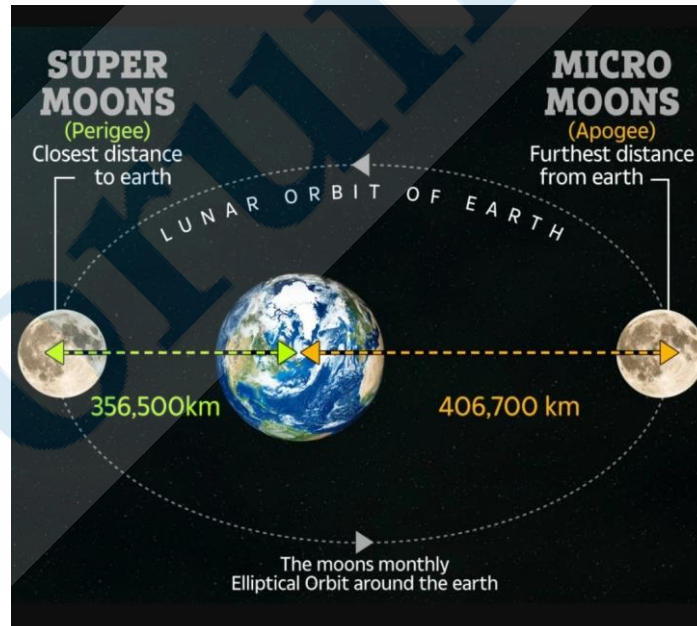
1. It appears when the full moon appears near the apogee.
 2. Apogee is the nearest point in the moon's orbit with respect to earth.
- Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: D

Explanation: Statement 1 is incorrect. A supermoon is a new or **full moon closely coinciding with the moon's position on perigee**.

Statement 2 is incorrect. **Perigee is the closest point** while apogee is the farthest position on the moon's orbit with respect to earth.



Q.68) Consider the following statements regarding Non Aligned Movement;

1. The USA, Russia and China are observers at NAM.
2. The Bandung Principles fulfillment is essential criteria for NAM membership.

Which of the statements given above is/are correct?

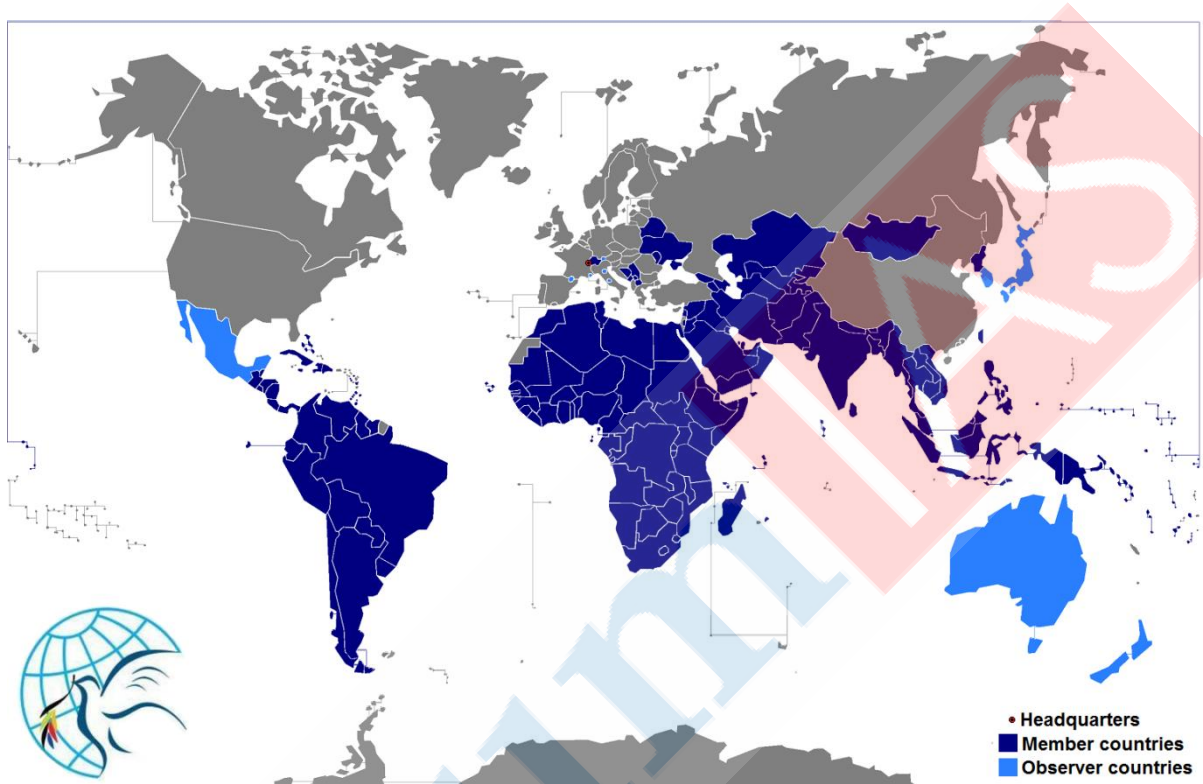
- a) 1 only

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- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. China has the observer status while the USA and Russia are not having any status at NAM.



Statement 2 is correct. The principles that govern relations among large and small nations, known as the "Ten Principles of Bandung", were proclaimed at Bandung Conference 1955. Such principles were adopted later as the main goals and objectives of the policy of non-alignment. The fulfillment of those principles became the essential criterion for Non-Aligned Movement membership;

Q.69) Consider the following statements regarding plasma therapy;

1. It requires transfusion of RBC and WBC from a recovered person to an infected person.
2. It has been recommended by ICMR for treatment of COVID-19 patients.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: D

Explanation: Statement 1 incorrect. It is based on plasma transfusion which contains the antibodies, RBC and WBC are not part of blood plasma.

Statement 2 is incorrect. ICMR has not recommended the use of plasma therapy for general treatment. It is still being tested under clinical trials.

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Q.70) Consider the following statements;

1. Indonesia has decided to shift capital from Sumarta to Java island.
2. Line of the Equator passes through Indonesia.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. Indonesia has decided to move its capital from Jakarta (Java island) to Borneo island. The current capital, Jakarta, home to more than 10 million people, sits on swampy land and is sinking almost 25cm per year.

Statement 2 is correct. The equator passes through the following countries: Ecuador, Colombia, Brazil, Sao Tome & Principe, Gabon, Republic of the Congo, Democratic Republic of the Congo, Uganda, Kenya, Somalia, Maldives, Indonesia and Kiribati.

Q.71) Consider the following statements with respect to features of “**Fifth Schedule**”:

1. The President is empowered to declare an area to be a scheduled area.
2. Each state having scheduled areas has to establish a tribe’s advisory council to advise on welfare and advancement of the scheduled tribes.

Which of the following codes below given is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct Answer: C

Explanation: Fifth Schedule.

Statement 1 is correct: The **president is empowered to declare an area to be a scheduled area**. He can also **increase or decrease its area**, alter its boundary lines, rescind such designation or make fresh orders for such re-designation on an area in consultation with the governor of the state concerned.

Statement 2 is correct: Each state having scheduled areas has to establish a tribe’s advisory council to advise on welfare and advancement of the scheduled tribes. It is to consist of 20 members, three-fourths of whom are to be the representatives of the scheduled tribes in the state legislative assembly.

Q.72) Consider the following statements with respect to “**UNFCCC**”:

1. The ultimate objective of the UNFCCC is to stabilize greenhouse gas concentrations in the atmosphere.
2. UNFCCC is the parent treaty of Kyoto Protocol and Paris Agreement.

Which of the following statements is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct Answer: C

Explanation: UNFCCC stands for **United Nations Framework Convention on Climate Change**. The Convention has near universal membership (197 Parties) and is the parent

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treaty of the 2015 Paris Agreement. The main aim of the Paris Agreement is to keep the global average temperature rise this century as close as possible to 1.5 degrees Celsius above pre-industrial levels. **The UNFCCC is also the parent treaty of the 1997 Kyoto Protocol.** The ultimate objective of all three agreements under the UNFCCC is to stabilize greenhouse gas concentrations in the atmosphere at a level that will prevent dangerous human interference with the climate system, in a time frame which allows ecosystems to adapt naturally and enables sustainable development.

Q.73) Under which of the following legal provisions/Acts, a “**Producer organization**” can be registered?

1. Cooperative Societies Act.
2. Producer Company under Section 581(C) of Indian Companies Act, 1956, as amended in 2013.
3. Societies registered under Society Registration Act, 1860.
4. Public Trusts registered under Indian Trusts Act, 1882.

Select the correct answer using the code given below:

- a) 1, 2 and 3 only
- b) 2, 3 and 4 only
- c) 1, 3 and 4 only
- d) 1, 2, 3 and 4

Correct Answer: D

Explanation: Producer Organization can be registered under any of the following legal provisions:

- **Cooperative Societies Act/ Autonomous or Mutually Aided Cooperative Societies Act** of the respective State
- **Multi-State Cooperative Society Act, 2002**
- Producer Company under Section 581(C) of **Indian Companies Act, 1956**, as amended in 2013
- Section 25 Company of Indian Companies Act, 1956, as amended as Section 8 in 2013
- Societies registered under **Society Registration Act, 1860**
- Public Trusts registered under **Indian Trusts Act, 1882**

Q.74) “**Neelambar Pitambar JAL Sammridhi Yojana (NPJSY)**” scheme is recently in news, is launched by which of the following state?

- a) Rajasthan
- b) Jharkhand
- c) Chhattisgarh
- d) Odisha

Correct Answer: B

Explanation: Faced with the possibility of a steep rise in the rate of unemployment in villages following the arrival of large scale stranded migrant workers from other States, the **Jharkhand government** on Monday launched three labour intensive programmes to restore the rural economy. Three schemes are:

Birsa Harit Gram Yojana (BHGY): The BHGY is envisaged at bringing over two lakh acres of unused government fallow land under the afforestation programme. About five lakh families will be provided 100 fruit-bearing plants. The initial plantation, maintenance, land work and afforestation will be taken up through MNREGA.

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Neelambar Pitambar JAL Sammriddhi Yojana (NPJSY): As per NPJSY, the government is aiming at creating agro water storage units by arresting rainwater and runaway groundwater. Nearly 5 lakh acre of cultivable land can be irrigated through the initiative, said the State government. An estimated 10 crore person days will be generated through the scheme in the next 45 years.

Veer Sahid Poto Ho Khel Vikas Scheme (VSPHKVS): Under VSPHKVS, as many as 5,000 sports grounds will be developed across the State. The government hopes to generate one crore person days through the scheme in the current financial year.

Q.75) “Shanta Kumar Committee” is related to which of the following?

- a) NABARD
- b) State Co-operatives
- c) Primary Health
- d) FCI

Correct Answer: D

Explanation: Government of India (GoI) set up a **High Level Committee (HLC)** in August 2014 with **Shri Shanta Kumar as the Chairman**, six members and a special invitee to suggest restructuring or unbundling of FCI with a view to improve its operational efficiency and financial management.

Q.76) Consider the following statements regarding **Pulitzer Prize**:

- 1. It is given in fields of journalism, literature and music.
- 2. It is administered by ‘Reporters Without Borders’.
- 3. Only a US citizen is eligible for any Pulitzer award.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) 1 and 3 only
- d) 2 and 3 only

Correct answer: A

Explanation: Statement 1 is correct. Pulitzer award was established in **1917** by provisions in the will of **Joseph Pulitzer**, a newspaper publisher. It is given in fields of newspaper, magazine and online journalism, literature, and musical composition

Statement 2 is incorrect. The award is administered by **Columbia University, USA**.

Statement 3 is incorrect. Only U.S. citizens are eligible to apply for the Prizes in Books, Drama and Music (except US History category). For the Journalism competition, entrants may be of any nationality, but work must have appeared in U.S. newspaper, magazine or news site that publishes regularly.

Q.77) Consider the following statements regarding **Moon missions**:

- 1. USA and Russia are the only countries to have landed crewed missions to the Moon.
- 2. There have been no crewed missions to moon in 21st century.
- 3. Till now, all manned and unmanned landings have taken place on the near side of the Moon.

Which of the statements given above is/are correct?

- a) 1 and 2 only
- b) 2 only
- c) 1 and 3 only
- d) All of the above

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Correct answer: B

Explanation: Statement 1 is incorrect. **USA is the only country** till date to have landed manned missions on Moon surface. Total 12 men have landed on moon in six missions of NASA.

Statement 2 is correct. The **last crewed Lunar mission was undertaken in December 1972**.

Statement 3 is incorrect. All manned missions have landed on near side of the moon. **Chang'e 4** unmanned spacecraft of China made the first landing on the far side of the Moon in 2019.

Trivia: All six Apollo lunar missions had a third crew member who remained on board the command module.

Q.78) Consider the following statements regarding **mRNA**:

1. It carries the information for making proteins.
2. The process of making mRNA from DNA is called translation.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: A

Explanation: Statement 1 is correct. The DNA cannot be decoded directly into proteins; it is first transcribed **into mRNA which carries the information for making proteins**.

Statement 2 is incorrect. mRNA is synthesized in the nucleus using the nucleotide sequence of DNA as a template. The information in DNA is transferred to a messenger RNA (mRNA) molecule, this process is called **transcription**. The flow of information occurs through the **sequential processes of transcription (DNA to RNA) and translation (RNA to protein)**.

Q.79) Consider the following statements regarding **Bharat stage emission standards**:

1. These are developed by Ministry of Road Transport and Highways.
2. The government has decided to skip the BS-IV standards and directly implement BS-V norms.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: D

Explanation: Statement 1 is incorrect. The Bharat stage emission standards are developed and instituted by **Central Pollution Control Board**, Ministry of Environment, Forest and Climate Change.

Statement 2 is incorrect. India decided to skip the BS-V norms and implement the BS-VI norms directly throughout the country from April 1, 2020 to curb pollution across the country. In 13 major cities, **Bharat Stage IV** emission norms have been in place since April 2010 and it has been enforced for entire country since April 2017.

Q.80) Which of the following is correct regarding '**Mission Samudra Setu**' in news recently?

- a) a proposed bridge between India-Sri Lanka as part of Ramayana heritage circuit.

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- b) an Indian Navy mission to bring back Indian citizens from overseas
- c) a maritime route between India-Afghanistan to boost bilateral trade
- d) a maritime doctrine of India regarding relations with Indian Ocean countries

Correct answer: B

Explanation: Indian Navy launched Operation "Samudra Setu" (Sea Bridge) as part of national efforts to repatriate stranded Indian citizens from overseas due to the COVID-19 pandemic.

Q.81) Consider the following statements regarding **High Courts** of India:

1. As per the constitution every High Court is a court of record.
 2. A Judge of a High Court subscribes to an oath or affirmation before the President of India.
 3. Judge of a high court is appointed by the President of India.
- Which of the statements given above is/are correct?

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All of the above

Correct answer: C

Explanation: Statement 1 is correct. **Article 215** of the constitution states "Every High Court shall be a court of record and shall have all the powers of such a court including the power to punish for contempt of itself." A court of record is one whose proceedings are recorded and available as evidence of fact perpetually.

Statement 2 is incorrect. **Article 219** of the constitution states "every person appointed to be a Judge of a High Court shall, before he enters upon his office, make and subscribe before the Governor of the State, or some person appointed in that behalf by him, an oath or affirmation according to the form set out for the purpose in the Third Schedule".

Statement 3 is correct. **A Judge of a High Court is appointed by the President by warrant under his hand and seal.**

Q.82) **Aggregate Demand** in an economy can be increased by:

1. Increase in income tax rates
2. Lowering of repo rates by RBI

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. Higher income tax rates reduce the spending power of consumers (earning individuals) which in turn reduces the demand.

Statement 2 is correct. Lower repo rate increases liquidity by providing cheaper loans to banks, which can further pass the relaxations to individual/corporate borrowers and increase consumer spending and investment.

Q.83) Consider the following statements regarding **Herd Immunity**:

1. It develops only when every individual in the population gets vaccinated.
2. The natural herd immunity can be acquired through many people getting infected.

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Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. **Herd immunity does not require every individual to be vaccinated.** The Herd immunity refers to indirect protection from infectious disease that occurs when a large percentage of a population has become immune to an infection. It means that even people who aren't vaccinated, or in whom the vaccine doesn't trigger immunity, are protected because people around them who are immune can act as buffers between them and an infected person.

Statement 2 is correct. It can be developed in two ways: **Many people contract the disease** and in time build up an immune response to it (natural immunity) or **many people are vaccinated** against the disease to achieve immunity.

Q.84) Consider the following statements regarding **African Swine Fever Virus**:

- 1. It is a zoonotic virus.
- 2. The first outbreak of ASF virus in India has been in 2020.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. Zoonotic diseases are the ones that can transfer from animals to humans. African swine fever (ASF) is a severe viral disease affecting domestic and wild pigs; it **does not spread from animals to humans.**

Statement 2 is correct. Previous outbreaks have been reported in Africa and parts of Europe, South America, and the Caribbean. The National Institute of High Security Animal Diseases (NIHSAD), Bhopal, has confirmed African Swine Fever (ASF) in Assam recently. The central government has informed that it is the first instance of the disease in the country.

Q.85) Which of the following is correct regarding 'degrowth' that has been in news recently?

- a) a global slowdown due to COVID-19 pandemic
- b) a limit to consumerist growth
- c) a concept of perpetually distressed MSME sector
- d) None of the above

Correct answer: B

Explanation: **Degrowth is socio-economic political movement** that opposes the traditional ideas of economic growth which they say have led to severe inequalities, climate change and unsustainable exploitation of resources. It proposes a sustainable growth as against the growth fueled by Consumerism. Degrowth highlights the importance of autonomy, care work, self-organization, commons, community, localized production, work sharing, happiness and conviviality.

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Q.86) Consider the following statements with respect to “**National Manufacturing Competitiveness Programme (NMCP)**”:

1. NMCP is proposed by National Manufacturing Policy, 2011.
2. NMCP objective is to develop global competitiveness among MSMEs.

Which of the statements given above is/are correct?

1. 1 only
2. 2 only
3. Both 1 and 2
4. Neither 1 nor 2

Correct Answer: B

Explanation: National Manufacturing Competitiveness Programme (NMCP).

Statement 1 is incorrect: National Manufacturing Competitiveness Programme (NMCP) was initiated in 2007-08.

Statement 2 is correct: The National Manufacturing Competitiveness Programme (NMCP) is the nodal programme of the Government to develop **global competitiveness among Indian MSMEs**. This programme targets at enhancing the entire value chain of the MSME sector through the following schemes:(a) **Lean Manufacturing** Competitiveness Scheme for MSMEs;(b) **Promotion of Information & Communication Tools (ICT)** in MSME sector;(c) **Technology and Quality Up gradation** Support to MSMEs;(d) **Design Clinics** scheme for MSMEs;(e) Enabling Manufacturing Sector to be Competitive through **Quality Management Standards (QMS) and Quality Technology Tools (QTT)**;(f) **Marketing Assistance and Technology Up gradation** Scheme for MSMEs;(g) **Setting up of Mini Tool Room** under PPP Mode;(h) National campaign for building awareness on **Intellectual Property Rights (IPR)**;(i) Support for Entrepreneurial and **Managerial Development** of SMEs through Incubators.(j) **Bar Code** under Market Development Assistance (MDA) scheme.

Q.87) Which of the following is/are features of “**National Education Policy, 2019**”?

1. The policy aims to universalize the pre-primary education by 2030.
2. A new independent State School Regulatory Authority (SSRA) to be created.
3. Policy proposes new Curricular and Pedagogical Structure, with 5+3+3+4 design covering the children in the age group 3-18 years.
4. There will be physical restructuring of schools according to new academic restructuring.

Select the correct answer using the code given below:

- a) 1 and 2 only
- b) 3 and 4 only
- c) 1, 2, 3 and 4
- d) 2 and 3 only

Correct Answer: D

Explanation: Salient features of NEP 2019:

- The policy aims to **universalize the pre-primary education by 2025** and provide foundational literacy/numeracy for all by 2025.
- It proposes **new Curricular and Pedagogical Structure, with 5+3+3+4 design** covering the children in the age group 3-18 years. Under this, Pre-Primary & Grades 1-2 is considered as foundational Stage; Grades 3-5 as Preparatory Stage; Grades 6-8 as Middle Stage and Grades 9-12 as Secondary Stage. This is an academic restructuring only; there will be no physical restructuring of schools.

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- Children learn languages, most quickly between 2-8 years, and multilingualism has great cognitive benefits for students. Therefore a **three-language formula** has been proposed.
- It proposes the **teaching of other classical languages** and literature, including Tamil, Telugu, Kannada, Malayalam, Odia, Pali, Persian, and Prakrit in schools.
- A new independent **State School Regulatory Authority (SSRA)** to be created.
- It aims to **consolidate 800 universities & 40,000 colleges** into around 15,000 large, multidisciplinary institutions.
- The policy proposes three **types of Higher Educational Institutions (HEIs): Research Universities, Teaching Universities and Autonomous degree-granting colleges**
- It aims to **provide autonomy to all higher education institutions**. Higher education institutions to be governed by Independent Boards with complete academic and administrative autonomy
- An **autonomous body called the National Research Foundation (NRF)** to be set up through an Act of Parliament.
- **Rashtriya Shiksha Aayog or the National Education Commission** - apex body - to be constituted. It will be chaired by the Prime Minister and will comprise eminent educationists, researchers, Union Ministers, representation of Chief Ministers of States, eminent professionals from various fields.
- **MHRD to be re-designated as the Ministry of Education (MoE).**
- **Increase in public investment** by the Central and State Governments to 20% of overall public expenditure over a 10 year period.

Q.88) Consider the following statements with respect to “**Value Added Tax (VAT)**”:

1. VAT first time introduced in 2001 in India to replace sales tax.
2. VAT is replaced by Goods & Service Tax (GST) in January 2017.

Which of the statements given above is/are **NOT** correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct Answer: C

Explanation: Value Added Tax.

Statement 1 is incorrect: Value Added Tax (VAT) is an **indirect value added tax** which was introduced into Indian taxation system on **April 1, 2005**. As a taxation concept, VAT replaced Sales Tax. VAT was introduced to make India a single integrated market. On June 2, 2014, VAT was implemented in all states and union territories of India, except Andaman and Nicobar Islands and Lakshadweep Islands.

Statement 2 is incorrect: The Goods and Services Tax (GST), which has replaced the Central and State indirect taxes such as VAT, excise duty and service tax, was implemented on **July 1, 2017**.

Q.89) “**Mouling Natonal Park**” is in which of the following state?

- a) Assam
- b) Arunachal Pradesh
- c) Nagaland
- d) Manipur

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Correct Answer: B

Explanation: Mouling park is named after a mountain peak nearby "Mouling" which also means **red poison or red blood**. Situated in the upper Siang district of Arunachal Pradesh and spread across 483 square km of area has Siang river flowing on the west and Siring, Subong, Semong and Krobong river on the Easter ends. There is tiger, panthers, elephant, hog deer, python, barking deer, sambal deer, buffalo and red panda which could be spotted here. Besides animals, there are several species of birds and plants as well which could be seen here. Tourist near and around the park indulge in rafting, angling and trekking. The Mouling National park is a very isolated area and there are weaker signals for communication and almost no scope of transportation either. Closest towns from this park are Along (130km) and Pasighat (180km), and all offices of the forest department are located outside the park. The weather is extremely humid in Yingkiong and in the lower elevation temperature ranges from 15 degrees Celsius to 38 degrees Celsius while in the winters the upper region experiences snowfall.

Q.90) "Long March 5B" satellite launch vehicle is recently in news, is related to which of the following?

- a) China
- b) Japan
- c) South Korea
- d) North Korea

Correct Answer: A

Explanation: The Long March 5B rocket is a **new version of the Long March 5 launcher, China's most powerful rocket**. Designed to lift massive payloads into **low Earth orbit**, the Long March 5B rocket flies without a second stage and stands a bit shorter than the full-size Long March 5 configuration. The launcher's lift capability to low Earth orbit is around 55,000 pounds, or 25 metric tons, according to Chinese state media. The Long March 5B version — using a "stage-and-a-half" launch architecture — is tailored to launch large modules for China's planned space station.

Q.91) Consider the following statements regarding Aadhaar Enabled Payment System (AePS):

1. It has been developed by National Payments Corporation of India.
2. It facilitates financial transactions without providing the bank account number.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Statement 1 is correct. AePS has been developed by NPCI to further the **financial inclusion** in country by facilitating the transactions with help of Aadhar card numbers and microATMs.

Statement 2 is correct. **The user does not need to mention the bank account number**, only Aadhar authentication is required and the account should be linked to UID. The services which can be availed through AePS are: Cash Withdrawal, Cash Deposit, Balance Enquiry, Aadhaar to Aadhaar Fund Transfer, Mini Statement.

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Q.92) Which of the following steps have been taken by **RBI to boost economic growth** during COVID-19 pandemic?

1. Increase in 'Ways and Means Advances (WMA)' limits
2. Reduction in Repo rate
3. Providing liquidity to NBFCs by TLTRO

Select the correct answer using the code given below:

- a) 1 and 2 only
- b) 2 only
- c) 2 and 3 only
- d) All of the above

Correct answer: D

Explanation: Statement 1 is correct. **RBI provides loans to Center and State governments through 'Ways and Means Advances (WMA)'**, it has recently increased the limits twice for the borrowings done by state governments to provide much needed liquidity. Statement 2 is correct. The central bank has cut the repo rate to provide cheaper money to banks who can pass the lower interest further to end borrower. Statement 3 is correct. RBI has announced **targeted long-term repo operation (TLTRO)** amounting almost rupees 50,000 crore under which banks will get three-year funding from RBI to invest in investment grade papers of NBFCs and micro finance institutions.

Q.93) Consider the following statements regarding **Hong Kong**:

1. The Basic Law of Hong Kong is set to expire in 2020.
2. Hong Kong functions as special administrative region (SAR) of China under 'one country two system' principle.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. **The Basic Law of Hong Kong is a national law of China** that serves as the de facto constitution of the Hong Kong. Its main principles were agreed under **Sino-British joint declaration** when Hong Kong returned to Chinese sovereignty from British colonial system. It will expire in 2047.

Statement 2 is correct. Hong Kong basic law has ensured that it functions as separate economic unit having different currency and regulations than Mainland China. As per the law, Hong Kong has separate legal, economic, political systems but is under the sovereignty of China as **a special administrative region (SAR) of China** as per 'one country two system' principle.

Q.94) Consider the following statements regarding **European Union**:

1. There are two permanent members from European Union to UN Security Council.
2. Schengen Area consists of all members of European Union.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: D

Explanation: Statement 1 is incorrect. **Five permanent members of UNSC are China, France, Russian Federation, the United Kingdom, and the United States**; of which only France is part of European Union after Brexit.



Statement 2 is incorrect. **Schengen Area consists of 26 European countries**, who have abolished their internal borders, for the free and unrestricted movement of people. Of 27 EU members 22 are part of Schengen area; Ireland has opted out, Bulgaria, Croatia, Cyprus, and Romania—are legally obliged to join the area in the future. Although not members of the EU, countries like Norway, Iceland, Switzerland and Lichtenstein are also part of the Schengen zone.

Q.95) Consider the following statements regarding Aarogya Setu:

1. It works by accessing the GPS and Bluetooth of the device.
2. It is an open source software.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: A

Explanation: Statement 1 is correct. The application asks for the **location and Bluetooth access** in the mobile device. It uses the location data to assess if the device holder has been in proximity of someone who tested positive for COVID-19.

Statement 2 is incorrect. Open Source Software are those whose **source code has been made public so that anyone can inspect, audit enhance the software**. The source code of Aarogya Setu has not been made public 'yet'.

Q.96) 'Darbar Move' has been in news recently, what does it relate to?

- a) Shifting of capital between Jammu and Srinagar
- b) Checkmate within five moves in Chess
- c) Abolishing the privy purse of Royal families
- d) Moving of decision-making power from parliament to PMO

Correct answer: A

Explanation: The bi-annual shift of capital of Jammu & Kashmir between Srinagar and Jammu is called Darbar move. It is almost 148 year old practice since the Dogra dynasty rule in J&K.

Q.97) Consider the following statements:

- 1. The tenure of US president is same as of India's President.
- 2. The US president gets elected after getting majority of the popular votes.

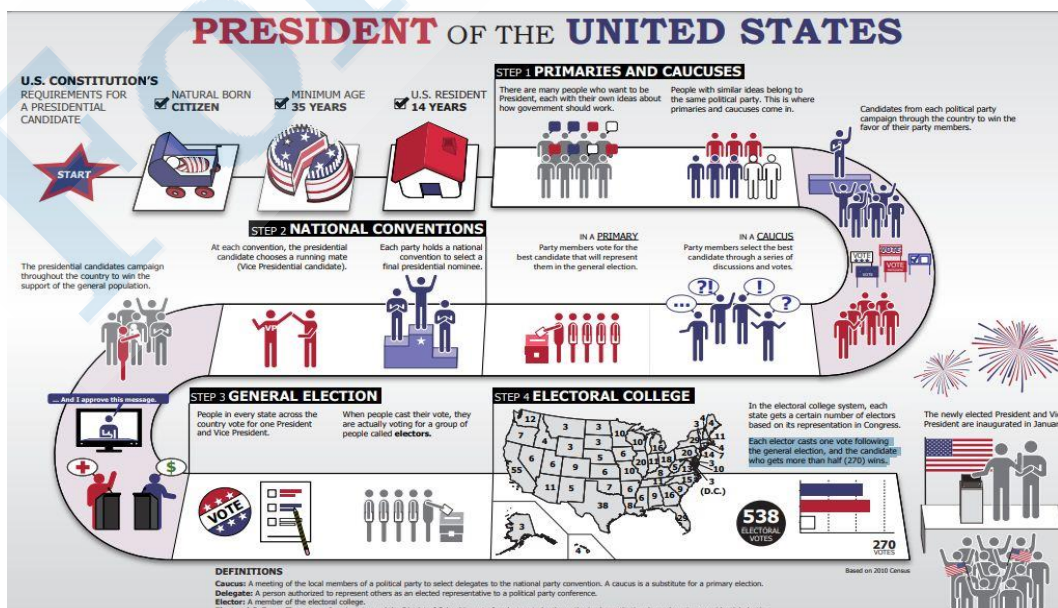
Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: D

Explanation: Statement 1 is incorrect. **The tenure of US president is four years** while in case of Indian President, it is five years.

Statement 2 is incorrect. The majority of individual popular votes in US presidential election do not guarantee the victory. US Presidential system is based on a unique system of **Electoral College**. People in general election vote in the President's & Vice President's elections, while they actually vote for a group of people called electors. Each state gets a certain number of **electors based on its representation in Congress**. Each elector casts one vote following the general election, and the candidate who gets more than half (270) wins.



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Q.98) Which of the following correctly defines 'force majeure'?

- a) Unparalleled power of Supreme Court under article 142
- b) Clause in contracts regarding unforeseeable circumstances
- c) Force enough to move a satellite out of Earth's gravitational field
- d) A global power forcing other countries to follow its diktats

Correct answer: B

Explanation: 'Force Majeure' is a clause in contracts that relieves the parties in contracts from obligations in case of some **unforeseen circumstances**.

Q.99) Consider the following statements regarding 'Vande Bharat Mission':

- 1. It is in response to the crisis due current pandemic COVID-19.
- 2. It aims to bring back Indians stranded overseas.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Both statements are correct. Government of India has launched a comprehensive mission 'Vande Bharat' to bring back Indians stranded overseas due to current global pandemic COVID-19.

Note of caution: **Do not confuse it with 'Vande Bharat Express'** (Train 18), which is an Indian semi-high speed electric multiple unit train.

Q.100) Which of the following relates to a **nuclear radiation leak accident**?

- 1. Chernobyl disaster
- 3. Three Mile Island accident

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: The **Chernobyl disaster was a nuclear accident that occurred in 1986**, at a reactor in the **Chernobyl Nuclear Power Plant in Soviet Union (today Ukraine)**. It is considered the worst nuclear accidents; the official death toll released was 31 while the estimates by various NGOs range above tens of thousands.

In 1979 at **Three Mile Island nuclear power plant in USA** a cooling malfunction caused part of the core to melt in the reactor. Some radioactive gas was released a couple of days after the accident. There were no injuries or adverse health effects from the Three Mile Island accident.

Q.101) "Nsafe" is recently in news, is related to which of the following?

- a) Nuclear Safety
- b) Nitrogenous fertilizer
- c) CoVID-19 face mask
- d) Nuclear Submarine

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Correct Answer: C

Explanation: With face masks becoming mandatory to deal with the COVID19 pandemic, an **IIT-Delhi startup 'Nanosafe Solutions'** has launched an **antimicrobial and washable face mask 'NSafe'**. The said mask is reusable up to 50 launderings, thus greatly cutting down the cost of use. IIT-Delhi said that the 'NSafe' mask is a triple-layered product consisting of inner hydrophilic layer for comfort, middle layer having antimicrobial activity and outer most layer having water and oil repellent behavior. "NSafe mask has 99.2% bacterial filtration efficiency [at 3 microns] along with breathability and splash resistance".

Q.102) Which of the following is/are responsibilities of **"National Disaster Management Authority (NDMA)"**?

1. Lay down policies on disaster management.
 2. Approve the National Plan.
 3. Recommend provision of funds for the purpose of mitigation.
- Select the correct answer using the code given below:

- a) 1 only
- b) 1 and 2 only
- c) 2 and 3 only
- d) 1, 2 and 3

Correct Answer: D

Explanation: NDMA, as the apex body, is mandated to lay down the policies, plans and guidelines for Disaster Management to ensure timely and effective response to disasters. Towards this, it has the following responsibilities:-

- **Lay down policies** on disaster management ;
- **Approve the National Plan;**
- Approve **plans prepared by the Ministries or Departments** of the Government of India in accordance with the National Plan;
- **Lay down guidelines to be followed by the State Authorities** in drawing up the State Plan;
- **Lay down guidelines to be followed by the different Ministries or Departments** of the Government of India for the Purpose of integrating the measures for prevention of disaster or the mitigation of its effects in their development plans and projects;
- **Coordinate the enforcement and implementation** of the policy and plans for disaster management;
- **Recommend provision of funds** for the purpose of mitigation;
- **Provide such support to other countries** affected by major disasters as may be determined by the Central Government;
- **Take such other measures for the prevention** of disaster, or the mitigation, or preparedness and capacity building for dealing with threatening disaster situations or disasters as it may consider necessary;
- Lay down broad policies and guidelines for the functioning of the **National Institute of Disaster Management.**

Q.103) Which of the following **Article of Indian Constitution** have the provisions related to **"Preventive Detention"**?

- a) Article 20
- b) Article 21
- c) Article 22

d) Article 23

Correct Answer: C

Explanation: The **Article 22 of the Indian Constitution** provides safeguards against the misuse of police powers to make arrests and detentions.

Q.104) Consider the following statements with respect to “**Trade Unions Act, 1926**”:

1. At least 20% of the office bearers of a union should be actually engaged or employed in the industry with which the trade union is concerned.
2. To dissolve trade union, at least 20% of the members should sign the dissolution.

Which of the statements given above is/are **NOT** correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct Answer: C

Explanation: Trade Unions Act, 1926.

Statement 1 is incorrect: At least **50%** of the office bearers of a union should be actually **engaged or employed** in the industry with which the trade union is concerned, and the remaining 50% or less can be outsiders such as Lawyers, politicians, social workers etc.

Statement 2 is incorrect: A registered trade union can be dissolved in accordance with the rules of the union. A **notice of dissolution signed by any seven members and the secretary of the union** should be sent to the registrar within **14 days** of the dissolution. On being satisfied the registrar shall register the notice and the union shall stand dissolved from the date. The funds of the union shall be divided by the Registrar amongst its members in the manner prescribed under the rules of the union or as laid down by the government.

Q.105) Which of the following statements is/are correct about “**Vedanthangal Bird Sanctuary**”?

1. It is first bird sanctuary in India.
2. It is located in Kerala.

Select the correct answer using the code given below:

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct Answer: A

Explanation: Vedanthangal Bird Sanctuary.

Statement 1 is correct: Vedanthangal Bird Sanctuary was declared way back in 1936, which was the “first” Birds Sanctuary in India.

Statement 2 is incorrect: The Vedanthangal bird sanctuary is situated in Tamil Nadu. The vedanthangal lake region attracted a variety of birds such as pintail, garganey, grey wagtail, blue-winged teal, common sandpiper.

Q.106) Consider the following statements regarding **Luhman 16**:

1. It is a binary brown dwarf system.
2. It is the closest brown dwarf system to Sun.

Which of the statements given above is/are correct?

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- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) None of the above

Correct answer: C

Explanation: Both statements are correct.

Brown dwarfs are objects heavier than planets but lighter than stars. Luhman 16 is a binary brown dwarf system of **Luhman 16A and 16B**. At 6.5 light-years it is the closest brown dwarf system. Both brown dwarfs weigh about 30 times as much as Jupiter.

A team of astronomers have discovered that **Luhman 16A shows signs of cloud bands** like those seen on Jupiter and Saturn.

Q.107) Consider the following statements regarding **mangrove forest system**:

1. Total Mangrove cover is almost one-third of Tropical Forests of the world.
2. Gujarat after West Bengal has highest mangrove cover in India.
3. Mangrove forests help in sediment deposition.

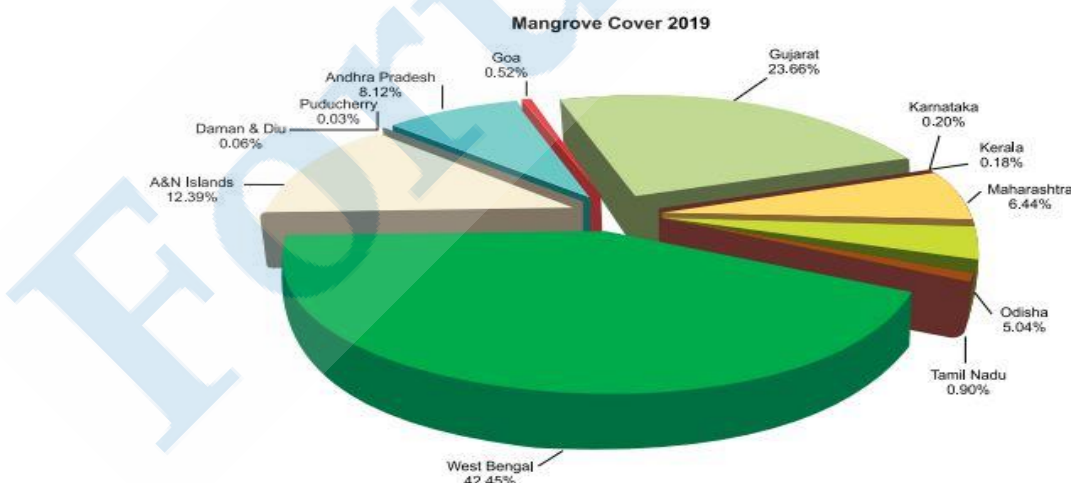
Which of the statements given above is/are correct?

- a) 1 and 2 only
- b) 2 only
- c) 2 and 3 only
- d) All of the above

Correct answer: C

Explanation: Statement 1 is incorrect. The total Mangrove cover in the world is 15 million hectares which is **1% of the Tropical Forests of the World**. Asia has the largest share of the world's mangroves. About **40% of world's Mangrove Cover is found in South East Asia and South Asia** followed by South America, North Central America and West and Central Africa.

Statement 2 is correct.



Statement 3 is correct. Mangroves have a complex root system it slows down water flows and **enhance sediment deposition**. They act as a zone of land accretion due to trapping of fine sediments including heavy metal contaminants.

Q.108) Consider the following statements regarding **Bengal Tiger**:

1. It is endemic to its habitat of Sundarban Mangroves in India and Bangladesh.

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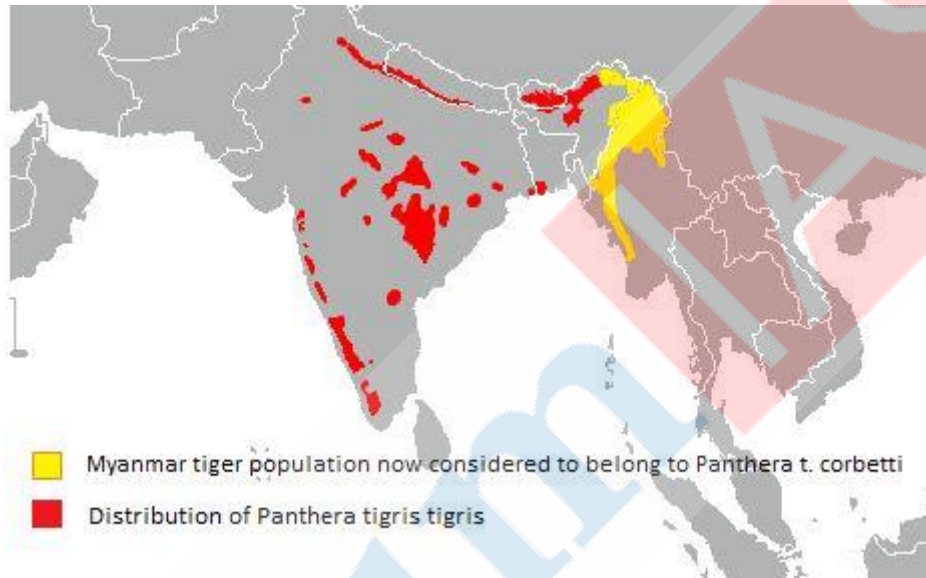
2. It is listed in the critically endangered category in IUCN Red list.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: D

Explanation: Statement 1 is incorrect. The population of Bengal tiger is native to Indian subcontinent but **not endemic to Sundarbans**. They inhabit tropical moist evergreen forests, tropical dry forests, tropical and subtropical moist deciduous forests, mangroves, subtropical and temperate upland forests, and alluvial grasslands.



Statement 2 is incorrect. It is listed as **endangered in IUCN red list**.

Q.109) Consider the following statements regarding **Jagannath Puri, Odisha**:

- 1. It is one of the four pilgrimages (Char Dham) defined by Adi Shankaracharya.
- 2. The 'Rath Yatra' is an annual festival at Jagannath Puri.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Statement 1 is correct. **Badrinath, Dwaraka, Puri and Rameswaram** are the Char Dham Vaishnavite pilgrimage sites in India. These were defined by Adi Shankaracharya.

Statement 2 is correct. It is annual festival which commemorates **Jagannath's annual visit to Gundicha Temple**. The deities Lord Jagannath, his elder brother Lord Balabhadra and younger sister Devi Subhadra, along with Sudarshan, are taken out of the main shrine of Jagannath Temple and placed in the Ratha (Chariot) and yatra moves to Gundicha Temple.

Q.110) Consider the following statements:

- 1. A minister is not eligible to be member of Public Accounts Committee.

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2. The chairperson of Public Accounts Committee is appointed by Speaker amongst the members of Lok Sabha elected to the Committee.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Statement 1 is correct. A **Minister is not eligible to be elected as a member of the Committee**, and if a member of Committee is appointed to hold such an office they cease to be member of the Committee from the date of such appointment.

Statement 2 is correct. PAC consists of **15 members from Loksabha and 7 members from Rajyasabha**. The Chairperson of the Committee is appointed by the Speaker from amongst the members of Lok Sabha elected to the Committee.

Q.111) Consider the following statements regarding **Buddhism**:

- 1. Buddha Purnima is celebrated to commemorate birth of Gautam Buddha.
- 2. Buddha refers to himself as 'Tathagata' in several Pali canons.
- 3. Maitreya is regarded as future Buddha in Buddhist literature.

Which of the statements given above is/are correct?

- a) 1 and 2 only
- b) 2 only
- c) 2 and 3 only
- d) All of the above

Correct answer: D

Explanation: Statement 1 is correct. **Buddha Purnima commemorates the birth date of Buddha**, celebrated on the full moon day of the Vaisakha month.

Statement 2 is correct. **Tathagata is the Pali/Sanskrit word meaning "one who has thus (tatha) gone (gata)" or "one who has thus (tatha) arrived (agata)".** Gautama Buddha uses it when referring to himself in the Pali Canon.

Statement 3 is correct. As per tradition, **Maitreya** is a bodhisattva who will appear on Earth in the future when the teaching of Buddha decays completely.

Q.112) Which of the following are part of **National Action Plan for Climate Change**:

- 1. National Mission for Enhanced Energy Efficiency
- 2. National Mission on Sustainable Habitat
- 3. National Water Mission
- 4. National Mission for Strategic Knowledge for Climate Change

Select the correct answer using the code given below:

- a) 1 and 2 only
- b) 1, 2 and 4 only
- c) 2, 3 and 4 only
- d) All of the above

Correct answer: D

Explanation: The **Ministry of Environment, Forest and Climate Change (MoEF)** is the **coordinating Ministry** of NAPCC. The NAPCC comprises eight missions:

- National Solar Mission
- National Mission for Enhanced Energy Efficiency

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- National Mission on Sustainable Habitat
- National Water Mission
- National Mission for Sustaining the Himalayan Ecosystem
- National Mission for a Green India
- National Mission for Sustainable Agriculture
- National Mission on Strategic Knowledge for Climate Change

Q.113) Consider the following **Styrene**:

1. It is used in plastic manufacturing industry.
2. Chronic exposure to the gas has effects on the central nervous system (CNS) of humans.
3. It is a colorless liquid kept at temperatures below 20 degree Celsius to prevent evaporation.

Which of the statements given above is/are correct?

- a) 1 and 2 only
- b) 2 and 3 only
- c) 3 only
- d) All of the above

Correct answer: D

Explanation: Statement 1 is correct. Styrene is primarily used in the **production of polystyrene plastics and resins**.

Statement 2 is correct. **Chronic/long-term exposure to styrene in humans results in effects on the central nervous system (CNS)**, such as headache, fatigue, weakness, and depression, CSN dysfunction, hearing loss, and peripheral neuropathy.

Statement 3 is correct. Styrene is a derivative of benzene, a **colorless oily liquid that evaporates easily** so it must be kept at temperatures under 20°C. It has a sweet smell, but high concentrations have a less pleasant odor.

Q.114) Which of the following is correctly matched?

1. Amicus curiae - a solicitor for the executive
2. Suo moto - on its own motion
3. Prima facie - based on the first impression

Which of the statements given above is/are correct?

- a) 1 and 3 only
- b) 2 only
- c) 2 and 3 only
- d) All of the above

Correct answer: C

Explanation: Option 1 is incorrect. An '**amicus curiae**' literally means '**friend of the court**', they are someone who are not a party to a case but are permitted by the court to advise it in respect to some matter of law.

Option 2 is correct. '**Suo moto**' is a Latin legal term which means "**on its own motion**" and implies that an action was taken by a group or person on their own.

Option 3 is correct. **Prima facie** is a Latin expression meaning based on the **first impression**; accepted as correct until proved otherwise.

Q.115) Which of the following is/are means of **decreasing the money supply in economy**?

- a) Quantitative Easing
- b) Helicopter Money
- c) Decreasing Bank rate

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d) None of the above

Correct answer: D

Explanation: None of the options given reduces money supply; rather they are instruments of increasing the money supply.

Quantitative easing (QE) is a form of monetary policy in which a central bank purchases long-term securities from the open market in order to increase the money supply.

Helicopter money is the term used for a large sum of new money that is printed and distributed. For more on this visit: <https://blog.forumias.com/what-is-helicopter-money-and-why-its-use-is-advocated-against-corona-pandemic/>

Bank rate is the interest rate at which central bank lends money to banks. Lowering it increases the money supply.

Q.116) Consider the following statements regarding **Disaster Management Act, 2005:**

1. Prime Minister is the Chairperson of National Disaster Management Authority.
2. Minister of Home Affairs is the chairperson of Nation Executive committee.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: A

Explanation: Statement 1 is correct. **Prime Minister is the ex-officio chairperson** of National Disaster Management Authority.

Statement 2 is incorrect. As per the act “the Secretary to the Government of India in charge of the Ministry or Department of the Central Government having administrative control of the disaster management”, therefore **Union Home Secretary** is the chairperson of National Executive Committee.

Q.117) Which of the following statements is/are correct about “**India Meteorological Department (IMD)**”?

1. It was established in the period of Viceroy Lord Mayo.
2. It detect and locate earthquakes and to evaluate seismicity in different parts of the country for development projects.

Select the correct answer using the code given below:

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct Answer: B

Explanation: India Meteorological Department (IMD).

Statement 1 is incorrect: IMD was established in the period of Viceroy **Lord Northbrook**.

Statement 2 is correct: One of the mandates of IMD is to **detect and locate earthquakes and to evaluate seismicity** in different parts of the country for development projects.

Q.118) Which of the following statements is/are **NOT** correct about “Factories Act, 1948”?

1. No adult worker shall be required or allowed to work in a factory for more than 48 hours in a week.

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2. The Act is applicable to any factory whereon twenty or more workers are working with the aid of power.

Select the correct answer using the code given below:

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct Answer: B

Explanation: Factories Act, 1948.

Statement 1 is correct: According to the Act, provision of working hours of adults, no adult worker shall be required or allowed to work in a factory for more than **48 hours in a week**. There **should be a weekly holiday**.

Statement 2 is incorrect: The Act is applicable to **any factory whereon ten or more workers** are working, or were **working on any day of the preceding twelve months**, and in any part of which a **manufacturing process is being carried on with the aid of power**, or is ordinarily so carried on, or whereon **twenty or more workers** are working, or were working on any day of the preceding twelve months, and in any part of which a manufacturing process is being carried on **without the aid of power**, or is ordinarily so carried on; but this does not include a mine, or a mobile unit belonging to the armed forces of the union, a railway running shed or a hotel, restaurant or eating place.

Q.119) Which of the following is/are the **parameters** for ranking various universities and institutions under **“National Institutional Ranking Framework (NIRF)”**?

- 1. Teaching, Learning and Resources.
- 2. Research and Professional Practices.
- 3. Outreach and Inclusivity.
- 4. Graduation Outcomes.
- 5. Perception.

Select the correct answer using the code given below:

- a) 1, 2 and 3 only
- b) 1, 2, and 5 only
- c) 2, 3 and 5 only
- d) 1, 2, 3, 4 and 5

Correct Answer: D

Explanation: The National Institutional Ranking Framework (**NIRF**) was approved by the MHRD and launched by Minister of Human Resource Development on **29th September 2015**. This framework outlines a methodology to rank institutions across the country. The methodology draws from the overall recommendations broad understanding arrived at by a Core Committee set up by MHRD, to identify the broad parameters for ranking various universities and institutions. The **parameters broadly cover “Teaching, Learning and Resources,” “Research and Professional Practices,” “Graduation Outcomes,” “Outreach and Inclusivity,” and “Perception”**.

Q.120) **“World Happiness Report”** is released by which of the following Institution?

- a) WEF
- b) World Bank
- c) United Nations Sustainable Development Solutions Network
- d) UNESCO

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Correct Answer: C

Explanation: The World Happiness Report is a landmark survey of the state of global happiness that ranks 156 countries by how happy their citizens perceive themselves to be. The **report is produced by the United Nations Sustainable Development Solutions Network in partnership with the Ernesto Illy Foundation.**

Q.121) “Berne Convention of 1886” is related to which of the following?

- a) Primary Health Care
- b) Primary education
- c) Free trade market in Europe
- d) Rights of authors

Correct Answer: D

Explanation: The Berne Convention, adopted in 1886, deals with **the protection of works and the rights of their authors**. It provides creators such as authors, musicians, poets, painters etc. with the means to control how their works are used, by whom, and on what terms. It is based on three basic principles and contains a series of provisions determining the minimum protection to be granted, as well as special provisions available to developing countries that want to make use of them.

Q.122) Consider the following statements regarding Rushikulya River:

- 1. It is a major tributary of Mahanadi River.
- 2. Rushikulya beach is a major nesting ground for Olive Ridley turtles.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. **Rushikulya river originates in Daringbadi hills of the Eastern Ghats range and meets the Bay of Bengal at Puruna Bandha in Ganjam, Odisha.** The catchment area of the Rushikulya basin is 8024 sqkm.

Statement 2 is correct. The mouth for Rushikulya river is a major nesting ground for the Olive Ridley turtles. The mass nesting, known by the Spanish term ‘arribada’ is an annual phenomenon at Rushikulya beach although in some years (2002, 2007, 2016 and 2019) turtles have skipped the beach. Olive Ridley sea turtles are listed as vulnerable in IUCN red list.

Q.123) Consider the following statements regarding Asian Development Bank (ADB) and Asian Infrastructure Investment Bank (AIIB):

- 1. India is a regional member in both the multilateral banks.
- 2. India receives funding from both of them for Infrastructural projects.
- 3. India is the second largest overall shareholder in both banks.

Which of the statements given above is/are correct?

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All of the above

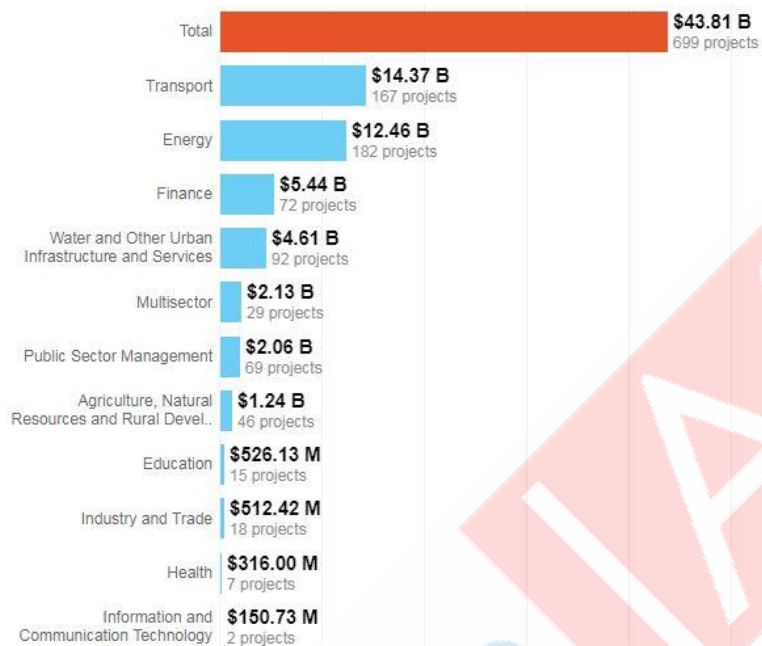
Correct answer: A

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Explanation: Statement 1 is correct. **India is a regional member in both banks.**

Statement 2 is correct. India receives funds from both the banks for infrastructure projects.

India: Cumulative Lending, Grant, and Technical Assistance Commitments
as of 31 December 2018



Source: Asian Development Bank. ADB and India: Fact Sheet

Statement 3 is incorrect. **India is the second largest shareholder in AIIB** after China (26.5%). India (7.6%) and Russia (6.0%) are second and third largest shareholders. **Japan and USA are largest shareholders in ADB** with 15.65% each; India has 6.3% shareholding of ADB.

Q.124) Consider the following statements regarding ‘Solidarity Trial’:

1. It aims to find a treatment for COVID-19.
2. The effect of Hydroxychloroquine on COVID-19 is being tested under the trial.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Both statements are correct. "Solidarity trial" is an international clinical trial to help find an effective treatment for COVID-19, **launched by the World Health Organization** and partners. **India is also participating** in the trial and 5 Indian hospitals have been approved to join WHO's Solidarity Trial.

The Solidarity Trial will compare four treatment options against standard of care, to assess their relative effectiveness against COVID-19:

- **Remdesivir**; previously tested as an Ebola treatment,
- **Lopinavir/Ritonavir**; a licensed treatment for HIV,
- **Interferon beta-1a**; used to treat multiple sclerosis,
- **Chloroquine and hydroxychloroquine**; used to treat malaria and rheumatology conditions respectively.

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Q.125) Consider the following statements regarding **National Green Tribunal**:

1. The tribunal has powers of a civil court.
2. It has jurisdiction over relief and compensation under Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: A

Explanation: Statement 1 is correct. The Tribunal's orders are enforceable; the powers vested to it are the same as to a **civil court under the Code of Civil Procedure, 1908**. The Tribunal is not bound by the procedure laid down under the Code of Civil Procedure but is guided by principles of **natural justice**.

Statement 2 is incorrect. Any person seeking relief and compensation for environmental damage involving subjects in the legislations mentioned in Schedule I of the National Green Tribunal Act, 2010 can approach the Tribunal, which are:

The Water (Prevention and Control of Pollution) Act, 1974;

The Water (Prevention and Control of Pollution) Cess Act, 1977;

The Forest (Conservation) Act, 1980;

The Air (Prevention and Control of Pollution) Act, 1981;

The Environment (Protection) Act, 1986;

The Public Liability Insurance Act, 1991;

The Biological Diversity Act, 2002.

It does not have jurisdiction over the grievances under the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006.

Q.126) Which of the following is/are part of **Monetary Policy** management?

1. Government spending
2. Taxation laws
3. Interest rates managing demand & supply of money

Select the correct answer using the code given below:

- a) 1 and 2 only
- b) 2 only
- c) 3 only
- d) All of the above

Correct answer: C

Explanation: Options 1 and 2 are incorrect. **Fiscal policy refers to government revenue/expenditure management**, therefore the government spending and taxation laws are part of fiscal policy management.

Option 3 is correct. **Monetary policy refers to management of demand and supply of money** in circulation. The Central bank of a country is generally the regulator for monetary policy which it manages through interest rates it offers to banks.

Q.127) Consider the following statements regarding **Lipulekh pass**:

1. It is situated near India-China border in Uttarakhand.
2. It is one of the routes used for Kailash Mansarovar Yatra.

Which of the statements given above is/are correct?

- a) 1 only

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- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Both statements are correct.

Lipulekh pass is in Pithoragarh district of Uttarakhand near tri-junction of India, China and Nepal. Pilgrims use this pass to crossover to China for Kailash Mansarovar yatra. The Nathu La pass in Sikkim is another route used for Mansarovar yatra.

Q.128) Consider the following statements regarding **Factories Act, 1948:**

1. It is applicable to factories working with aid of power and employing 10 or more people.
2. The act empowers state governments to exempt factories of act's provisions in case of public emergency.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Statement 1 is correct. The act defines '**factories**' as units working with aid of power and employing 10 or more people and units working without aid of power and employing 20 or more people.

Statement 2 is correct. **Section 5** of the act states "**In any case of public emergency** the State Government may, by notification in the Official Gazette, exempt any factory or class or description of factories from all or any of the provisions of this Act for such period and subject to such conditions as it may think fit: provided that no such notification shall be made for a period exceeding three months at a time." Further the explanation the section says "'public emergency' means a grave emergency whereby the security of India or of any part of the territory thereof is threatened, whether by war or external aggression or internal disturbance."

Q.129) Consider the following statements regarding **Gulf cooperation council:**

1. Iraq & Iran are not members of GCC.
2. All members of GCC are members of Organization of the Petroleum Exporting Countries.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: A

Explanation: Statement 1 is correct. **GCC members:** Bahrain, Kuwait, Oman, Qatar, Saudi Arabia, and the United Arab Emirates.

Statement 2 is incorrect. **OPEC members:** Iran, Iraq, Kuwait, Saudi Arabia, Venezuela, Libya, United Arab Emirates, Algeria, Nigeria, Gabon, Angola, Equatorial Guinea and Congo.

Q.130) Which of the following is/are objectives of **palliative care**?

1. Relief from pain and other distressing symptoms.

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2. Quality of life of patients and their families facing the problem associated with life-threatening illness.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Both statements are correct.

According to World health Organisation "Palliative care is an approach that improves the quality of life of patients and their families facing the problem associated with life-threatening illness, through the prevention and relief of suffering by means of early identification and impeccable assessment and treatment of pain and other problems, physical, psychosocial and spiritual."

This form of care is offered alongside curative or other treatments one may be receiving.

Palliative care: provides relief from pain and other distressing symptoms;

affirms life and regards dying as a normal process;

intends neither to hasten or postpone death;

offers a support system to help patients live as actively as possible until death;

offers a support system to help the family cope during the patients illness and in their own bereavement;

uses a team approach to address the needs of patients and their families, including bereavement counseling, if indicated.

Q.131) Which of the following is correctly matched?

- 1. INS Vikramaditya - Aircraft Carrier
- 2. INS Airavat - Amphibious ship
- 3. AH-64E Apache - Attack Helicopter

Select the correct answer using the code given below:

- a) 1 and 2 only
- b) 2 only
- c) 1 and 3 only
- d) All of the above

Correct answer: D

Explanation: All are correctly matched.

INS Vikramaditya is a modified Kiev-class aircraft carrier and the flagship of the Indian Navy, which entered service in 2013. India purchased it from Russia.

INS Airavat is Indian Navy's Shadiv-class amphibious warfare ship. Amphibious warfare ships are employed to land and support ground forces, such as marines, on enemy territory during an amphibious assault. Their missions also include humanitarian assistance and disaster relief (HADR).

The Boeing AH-64 Apache is an American attack helicopter. Indian air force also operates these attack helicopters.

Q.132) Which of the following reports is/are published by International Monetary Fund (IMF) twice a year?

- 1. World Economic Outlook
- 2. Global Financial Stability Report
- 3. Fiscal Monitor

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Select the correct answer using the codes given below:

- a) 1 only
- b) 1 and 2 only
- c) 1, 2 and 3
- d) 2 and 3 only

Correct Answer: C

Explanation: As part of its **World Economic and Financial Surveys**, the IMF publishes flagship reports on multilateral surveillance twice a year: **World Economic Outlook (WEO)**, **Global Financial Stability Report (GFSR)**, and **Fiscal Monitor (FM)**.

Q.133) Recently which country took the decision to end female genital mutilation (FGM)?

- a) Sudan
- b) Egypt
- c) Peru
- d) Bangladesh

Correct Answer: A

Explanation: **Sudan's decision to outlaw the practice of female genital mutilation (FGM)** is a landmark victory for women's rights in a country that is still in a transition from dictatorship to democracy.

Q.134) With reference to the 'MiG-29 Fulcrum', which of the following statements is/are correct?

- 1. It is a twin-engine aircraft designed and developed by Dassault Aviation.
- 2. It was inducted into Indian Air Force (IAF) in 2005.

Select the correct answer using the codes given below:

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct Answer: D

Explanation: MiG-29 Fulcrum.

Statement 1 is incorrect: MiG-29 Fulcrum **designed by the Mikoyan Design Bureau**, Russia is a twin-engine air superiority fighter which was initially optimized for air-to-air combat role.

Statement 2 is incorrect: MiG-29 Fulcrum was **inducted in the Soviet Air Force in 1982 and in the Indian Air Force (IAF) during the period 1986-1991**.

Q.135) Which one of the following statements is **NOT** correct about 'Patriot Missile system'?

- a) It is a long-range, all-altitude, all-weather air defense system.
- b) It is developed by Raytheon and Lockheed Martin Missiles and Fire Control.
- c) It is in service throughout the US, Germany, Greece, Israel and India.
- d) None.

Correct Answer: C

Explanation: Patriot (MIM-104) is a **long-range, all-altitude, all-weather air defence system** to counter tactical ballistic missiles, cruise missiles and advanced aircraft. It is **produced by Raytheon in Massachusetts and Lockheed Martin Missiles and Fire Control in Florida**. Patriot is in **service throughout the US, Germany, Greece, Israel,**

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Japan, Kuwait, the Netherlands, Saudi Arabia, Korea, Poland, Sweden, Qatar, the United Arab Emirates, Romania, Spain and Taiwan. US forces deployed the Patriot missile systems during the **2003 Iraq conflict**.

Q.136) With reference to the 'Confederation of Indian Industry (CII)', which of the following statements is/are correct?

1. CII is a non-government, not-for-profit, industry-led organization.
2. It was founded in 1955.

Select the correct answer using the codes given below

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct Answer: A

Explanation: Confederation of Indian Industry (CII).

Statement 1 is correct: CII is a non-government, not-for-profit, industry-led and industry-managed organization, playing a proactive role in India's development process.

Statement 2 is incorrect: Founded in 1895 and celebrating 125 years in 2020, India's premier business association has more than 9100 members, from the private as well as public sectors, including SMEs and MNCs.

Q.137) Consider the following statements regarding **Cess**:

1. It is kind of tax on tax levied for specific purposes.
2. State governments cannot impose Cess.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: A

Explanation: Statement 1 is correct. **Cess is a type of tax on tax**. It is levied to fulfill a specific purpose, eg. education cess, Krishi Kalyan cess etc.

Statement 2 is incorrect. **It can be levied by state governments** on goods over which it has power of taxation. Recently a *COVID* cess was announced by Haryana government on Liquor sale in the state.

Q.138) Consider the following statements regarding **Fiat money**:

1. It does not have intrinsic value.
2. It is based on the gold standard.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: A

Explanation: Statement 1 is correct. **Fiat money does not have any intrinsic value**. It is a government-issued currency and gives monetary control to central banks as they can control how much money is printed.

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Statement 2 is incorrect. **It is not backed by a physical commodity**, such as gold or silver, but by the government that issued it. The currency backed by a physical commodity is called Commodity money.

Q.139) Which of the following is/are correctly matched?

1. Caracas : Venezuela
2. Malé : Mauritius
3. Muscat : UAE

Select the correct answer using the code given below:

- a) 1 only
- b) 1 and 2 only
- c) 1 and 3 only
- d) All of the above

Correct answer: A

Explanation: Caracas is the capital city of Venezuela.

Malé is the capital city of Maldives. Port Louis is the capital city of Mauritius.

Muscat is capital of Oman. Abu Dhabi is capital city of UAE.

Q.140) Consider the following statements regarding 'Llama':

1. It is a domesticated Camelid species of central African region.
2. It is used as beast of burden and a source of fiber.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. 'Llama' is a South American camelid. It is domesticated in Andean cultures since pre-Columbian era.

Statement 2 is correct. It is majorly domesticated for use as **beast of burden, meat and source of fiber**. **Quechua is language family spoken by natives of the Peruvian, Bolivian and Ecuadorian Andes** and some other highlands of South America. In Quechua ethnic groups, many traditional handicrafts are an important aspect of material culture for Llama is an important source of fiber.

A study published in journal 'Cell' recently proposed the potential use of antibodies from Llama for treatment of COVID-19.

Q.141) Consider the following statements regarding **Perpetual bonds**:

1. These bonds do not have maturity date mentioned with them.
2. Consol bonds are perpetual bonds.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Both statements are correct.

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Perpetual bonds are generally issued by governments to finance themselves by selling **bonds with no maturity date**. They are not redeemable but provide a steady source of fixed income for bond holder. **Consol bonds** are perpetual bonds that were issued by US and British governments in past. Some of the notable perpetual bonds in existence are those that were issued by the British Treasury for World War I and the South Sea Bubble of 1720.

It has been suggested that Indian government should issue perpetual bonds to finance itself out of current crisis.

Q.142) Consider the following statements regarding **Hog Cholera**:

1. It is caused by the same virus which causes African swine fever.
2. This disease affects pigs exclusively.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. African swine fever virus (ASFV) is a large, double-stranded DNA virus in the Asfarviridae family. **Classical Swine Fever virus (Hog Cholera)** is a small, positive single-stranded, enveloped RNA virus belonging to the genus Pestivirus within the Flaviviridae family.

Statement 2 is correct. African swine fever as well as Classical Swine Fever is a **viral disease affecting pigs exclusively**.

Q.143) Consider the following statements:

1. Duties on alcohol for human consumption are in State List under seventh schedule of constitution.
2. Alcohol for human consumption does not come under purview of GST law.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Statement 1 is correct. State list entry under seventh schedule mentions: Duties of excise on the following goods manufactured or produced in the **State: (a) alcoholic liquors for human consumption, (b) opium, Indian hemp and other narcotic drugs and narcotics**; but not including medicinal and toilet preparations containing alcohol.

Statement 2 is correct. **Alcohol for human consumption, Petroleum products and Electricity are kept outside the purview of GST in India.**

Q.144) Which of the following correctly defines '**Corona-Killer 100**'?

- a) a protective gear for healthcare workers
- b) an automated disinfecting unmanned aerial vehicle
- c) a potential COVID_19 vaccine developed by Serum institute of India
- d) an alcohol-based sanitizer developed by DRDO

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Correct answer: B

Explanation: An ISO-9001 company **Garuda Aerospace** has brought out an **Automated Disinfecting Unmanned Aerial Vehicle (UAV)** that aids in Sanitization of Public Places, Hospitals & Tall buildings. This Corona-Killer -100 sanitization drone which is currently being used in 26 cities was selected as one of the top 10 socio economic innovations by NITI Aayog in 2016.

Q.145) Consider the following statements regarding **Hypoxia**:

1. It refers to a condition of oxygen deprivation at tissue level in body.
2. Silent hypoxia is a condition of very low oxygen level in blood cells with **unexpectedly** low symptoms.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Statement 1 is correct. Hypoxia is a medical condition in which the body or a part of the **body is deprived of adequate oxygen supply at the tissue level**. If the oxygen levels fall below 90 per cent (of normal range) in blood, patients could begin feeling lethargy, confusion, mental disruptions because of inadequate quantities of oxygen reaching the brain while levels below 80 per cent can result in damage to vital organs.

Statement 2 is correct. In **acute or silent hypoxia**, a person's oxygen level in blood cells and tissue can drop without any initial warning, patients have extremely low levels of oxygen concentration, yet they do not show signs of breathlessness. There have been reports of silent hypoxia with COVID-19 patients who did not experience shortness of breath or coughing until their oxygen levels had plummeted to such a degree that it led to organ failures.

Q.146) Consider the following statements regarding **GARUD portal**:

1. It has been launched by Ministry of Home Affairs.
2. It provides fast track exemptions to private agencies for COVID-19 related drone operations.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: D

Explanation: Both statements are incorrect.

The '**Government Authorisation for Relief Using Drones**' (**GARUD**) portal has been launched by Ministry of Civil Aviation and DGCA.

It provides fast track conditional exemptions to **government agencies** for COVID-19 related RPAS (Remotely Piloted Aircraft System)/ drone operations.

Q.147) With reference to the Bureau of Police Research and Development (BPR&D), which of the following statements is/are correct?

1. It was established after the 26/11 attacks to promote police intelligence.
2. It was established by executive resolution.

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Select the correct answer using the code given below:

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct Answer: B

Explanation: The Government of India vied **Resolution No.8/136/68-P.I (Pers.I) dated 28.08.1970** formally established the Bureau of Police Research and Development (BPR&D), under the Ministry of Home Affairs giving a new orientation to then existing Police Research and Advisory Council (1966) for the following reasons and with **the primary objective of modernization of police force.**

Q.148) With reference to the Indian Council of Medical Research (ICMR), which of the following statements is/are **NOT** correct?

- 1. ICMR was earlier called as Indian Research Fund Association (IRFA) and it is one of the oldest medical research bodies in the world.
- 2. ICMR is the apex body in India for the formulation, coordination and promotion of biomedical research.

Select the correct answer using the code given below:

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct Answer: D

Explanation: Indian Council of Medical Research (ICMR).

Statement 1 is correct: As early as in 1911, the **Government of India set up the Indian Research Fund Association (IRFA) with the specific objective of sponsoring and coordinating medical research in the country.** After independence, several important changes were made in the organization and the activities of the IRFA. It was re-designated in 1949 as the Indian Council of Medical Research (ICMR) with considerably expanded scope of functions. The ICMR is funded by the Government of India through the Ministry of Health & Family Welfare.

Statement 2 is correct: The Indian Council of Medical Research (ICMR), New Delhi, the **apex body in India for the formulation, coordination and promotion of biomedical research**, is one of the oldest medical research bodies in the world.

Q.149) 'Polavaram irrigation project' is recently in news, it is being constructed on which of the following river?

- a) Godavari
- b) Krishna
- c) Pennar
- d) Cauvery

Correct Answer: A

Explanation: The Polavaram Irrigation Project on **River Godavari** is a Multipurpose one conferring Irrigation benefits in the upland areas of Visakhapatnam, East Godavari, West Godavari and Krishna Districts.

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Q.150) Arrange the following insurance companies in the chronological order of their formation in pre-independent India:

1. Oriental Life Insurance Company
2. Madras Equitable
3. Bombay Mutual

Select the correct answer using the code given below:

- a) 2-1-3
- b) 1-2-3
- c) 3-2-1
- d) 1-3-2

Correct Answer: B

Explanation: 1818 saw the advent of life insurance business in India with the establishment of the **Oriental Life Insurance Company in Calcutta**. This Company however failed in 1834. In **1829, the Madras Equitable** had begun transacting life insurance business in the Madras Presidency. 1870 saw the enactment of the British Insurance Act and in the last three decades of the nineteenth century, the **Bombay Mutual** (1871), Oriental (1874) and Empire of India (1897) were started in the Bombay Presidency.

Q.151) With reference to the 'National Family Health Survey (NFHS)', which of the following statements is/are correct?

1. First survey of NFHS was conducted in 1996-97.
2. International Institute for Population Sciences (IIPS) is the nodal agency for providing coordination and technical guidance for the survey.

Select the correct answer using the code given below:

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct Answer: B

Explanation: NFHS.

Statement 1 is incorrect: The National Family Health Survey (NFHS) in India was initiated in the early 1990s with the first NFHS being conducted in 1992-93. Since then, India has successfully completed four rounds - NFHS-2 in 1998-99, NFHS-3 in 2005-06 and NFHS-4 in 2015-16.

Statement 2 is correct: The Ministry of Health and Family Welfare (MOHFW), Government of India, designated the International Institute for Population Sciences (IIPS) Mumbai, as the nodal agency, responsible for providing coordination and technical guidance for the survey.

Q.152) Consider the following statements regarding **Sal Forest Tortoise**:

1. It is endemic to Western Ghats of India.
2. It is listed as Critically Endangered in IUCN Red list.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

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Explanation: Statement 1 is incorrect. The Sal Forest Tortoise (*Indotestudo elongata*) is distributed over northern and eastern terrain of India. **It is not endemic to India but is native species of Bangladesh, Bhutan, Cambodia, India, Lao People's Democratic Republic, Malaysia, Myanmar, Nepal, Thailand and Vietnam.**

Statement 2 is correct. It is listed as **critically endangered** in IUCN red list. It is hunted for food, collected for decorations and for wildlife trade.

Q.153) Consider the following statements regarding 'Prime Minister's Citizen Assistance and Relief in Emergency Situations Fund' (**PM CARES Fund**):

1. The corporate donations to it form part of Corporate Social Responsibility (CSR) expenditure.
2. Minister of Defence, Minister of Home Affairs and Minister of Finance are ex-officio Trustees of the Fund.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Statement 1 is correct. Donations to PM CARES Fund qualify to be counted as **Corporate Social Responsibility (CSR) expenditure under the Companies Act, 2013 and also for 100% exemption under the section 80G of Income Tax Act, 1961.**

Statement 2 is correct. **Prime Minister is the ex-officio Chairman of the PM CARES Fund and Minister of Defence, Minister of Home Affairs and Minister of Finance, Government of India are ex-officio Trustees of the Fund.** The Chairperson of the Board of Trustees (Prime Minister) have the power to nominate three trustees to the Board of Trustees who shall be eminent persons in the field of research, health, science, social work, law, public administration and philanthropy.

Q.154) Consider the following statements regarding **Interstate Migrant Workmen Act, 1979**:

1. It is applicable to every establishment in which five or more inter-State migrant workmen are employed.
2. The act provides for displacement and journey allowances to be paid to inter-State migrant workmen by employer.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Statement 1 is correct. Act states that "it applies- (a) to every establishment in which **five or more inter-State migrant workmen** (whether or not in addition to other workmen) are employed or who were employed on any day of the preceding twelve months; (b) to every contractor who employs or who employed five or more inter-State migrant workmen (whether or not in addition to other workmen) on any day of the preceding twelve months."

Statement 2 is correct. Chapter V of the act provides for "Wage rates and other conditions of service of inter-State migrant workmen" which states "**displacement allowance shall be**

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paid by the contractor to every inter-State migrant workman at the time of recruitment and a **journey allowance** of a sum not less than the fare from the place of residence of the inter-State migrant workman in his State to the place of work in the other State shall be payable by the contractor to the workman both for the outward and return journeys and such workman shall be entitled to payment of wages during the period of such journeys as if he were on duty.”

The **Occupational Safety, Health and Working Conditions Code, 2019** (yet to be passed) subsumes and replaces 13 labour laws relating to safety, health and working conditions. These laws include: Factories Act, 1948; Mines Act, 1952; Dock Workers Act, 1986; Contract Labour Act, 1970; and Inter-State Migrant Workers Act, 1979.

Q.155) Consider the following statements regarding **National Disaster Management Authority**:

1. It approves the National Plan for disaster management prepared by National Executive Committee.
2. It provides support to other countries affected by major disasters as determined by the Central Government.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Both statements are correct. The National Disaster Management Authority is established by **Disaster Management Act, 2005**. Its functions as given in the act are:

- (a) lay down policies on disaster management;
- (b) **approve the National Plan (prepared by National Executive Committee);**
- (c) approve plans prepared by the Ministries or Departments of the Government of India in accordance with the National Plan;
- (d) lay down guidelines to be followed by the State Authorities in drawing up the State Plan;
- (e) lay down guidelines to be followed by the different Ministries or Departments of the Government of India for the purpose of integrating the measures for prevention of disaster or the mitigation of its effects in their development plans and projects;
- (f) coordinate the enforcement and implementation of the policy and plan for disaster management;
- (g) recommend provision of funds for the purpose of mitigation;
- (h) **provide such support to other countries affected by major disasters as may be determined by the Central Government;**
- (i) take such other measures for the prevention of disaster, or the mitigation, or preparedness and capacity building for dealing with the threatening disaster situation or disaster as it may consider necessary.

Q.156) Consider the following statements regarding **Industrial Disputes Act, 1947**:

1. Persons mainly in managerial or administrative capacity are not considered as ‘workmen’ under the act.
2. A firm employing more than hundred workmen requires permission from government to lay off employees.

Which of the statements given above is/are correct?

- a) 1 only

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- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanations: Statement 1 is correct. The 'workmen' under the act does not include people subject to the **Air Force Act, Army Act, Navy Act, or one who is employed in the police service** or as an officer or other employee of a prison; or one who is employed mainly in a **managerial or administrative capacity**.

Statement 2 is correct. The act states that in a **firm employing more than 100 workers** no workman shall be laid-off by his employer except with the prior permission of the appropriate Government or authority specified by government, unless such lay-off is due to shortage of power or to natural calamity, and in the case of a mine, such lay-off is due also to fire, flood, excess of inflammable gas or explosion.

Q.157) Which of the following correctly defines the term **"Global South"**?

- a) The geographical south below the equator
- b) Economically weaker & less industrialized nation-states
- c) Non-European countries of the world
- d) Countries that are not part of World Bank group

Correct answer: B

Explanation: 'Global South' term is often used by intergovernmental development organizations like World Bank group, it does not have a specific definition but it broadly refers to the **developing countries that have not yet completely industrialized or are economically disadvantaged nation-states**. It is preferred over the common terminology of 'third world'.

Q.158) Which of the following correctly defines **"Bad Bank"**?

- a) a bank that does not pass central bank relaxations to retail customers
- b) a bank that is not regulated by central bank
- c) a bank which provides loan to speculative grade companies
- d) a bank which buys non-performing assets of other banks

Correct answer: D

Explanation: A bad bank is one that is set up to **buy the bad loans and other illiquid holdings of another financial institution**. A bad bank can be established by one bank or financial institution as part of its strategy to deal with a difficult financial situation, or by a government as part of an official response to financial problems across a number of institutions in the financial sector.

Q.159) Consider the following statements regarding **Toda tribe**:

1. It is a native tribal group of Nilgiri hills.
 2. Toda tribal embroidery has been recognized as a Geographical indication.
- Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

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Explanation: Statement 1 is correct. Toda people are a Dravidian ethnic group who live in the **Nilgiri Mountains, Tamilnadu**.

Statement 2 is correct. Toda tribal people are known for their **unique embroidery skills** and it has been recognized as a Geographical Indication. This ancient tribal art mainly uses nature as models like flowers, animals, plants or building patterns as motifs and are actively involved in the embroidery business producing a wide range of products like shawl, table mat, wall hangings, bags etc.

Q.160) Which of the following is/are part of **Bretton Woods Institutions**?

1. World Health Organization
2. World Trade Organization
3. International Monetary Fund

Select the correct answer using the code given below:

- a) 1 only
- b) 2 and 3 only
- c) 3 only
- d) All of the above

Correct answer: C

Explanation: WHO and WTO are not part of the Bretton Woods institutions. The Bretton Woods Institutions refers to **International Monetary Fund (IMF) and the World Bank (WB)**; these were both created at an international conference convened in Bretton Woods, New Hampshire, United States in July 1944.

Q.161) Consider the following statements regarding **ELISA test**:

1. It is a polymerase chain reaction (PCR) based test.
2. National Institute of Virology (NIV) has developed India's first indigenous ELISA test for COVID-19.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. The enzyme-linked immunosorbent assay (ELISA) is a test that **detects and measures antibodies the blood**. This test can be used to determine if one has antibodies related to certain infectious conditions. It has been in use for detection of HIV.

Polymerase chain reaction is a method widely used in molecular biology to rapidly make millions to billions of copies of a specific DNA sample, allowing scientists to take a very small sample of DNA and amplify it to a large enough amount to study in detail.

Statement 2 is correct. **National Institute of Virology (NIV), Pune has developed India's first enzyme-linked immunosorbent assay (ELISA)** to detect antibodies that the body develops in response to infection by the SARS-CoV-2. The test will detect IgG antibodies present in blood samples.

Q.162) With reference to the Non-Aligned Movement (NAM), which of the following statements is/are correct?

1. The basic concept of NAM originated during Bandung conference.
2. The First NAM Summit Conference took place in Belgrade, Yugoslavia, in 1961.

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Select the correct answer using the code given below:

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct Answer: C

Explanation: Non-Aligned Movement (NAM).

Statement 1 is correct: The Non-Aligned Movement was formed during the Cold War, largely on the initiative of then-Yugoslav President Josip Broz Tito, as an organization of States that did not seek to formally align themselves with either the United States or the Soviet Union, but sought to remain independent or neutral. The **basic concept for the group originated in 1955 during discussions that took place at the Asia-Africa Bandung Conference** held in Indonesia.

Statement 2 is correct: The **First NAM Summit Conference took place in Belgrade, Yugoslavia, in September 1961.**

Q.163) 'Naku La Pass' is located in which of the following state?

- a) Arunachal Pradesh
- b) Himachal Pradesh
- c) Uttarakhand
- d) Sikkim

Correct Answer: D

Explanation: Naku La Pass is located in **Sikkim at an altitude of more than 5,000 metres** above the mean sea level.

Q.164) 'Pranavayu' initiative has been launched in which of the following city?

- a) Bangalore
- b) Mumbai
- c) Kanpur
- d) Hyderabad

Correct Answer: A

Explanation: Bruhat Bengaluru Mahanagara Palike (BBMP) corporation has **launched Pranavayu programme** to create awareness on the need to self examine the respiratory health for Bengaloreans. Pranavayu awareness programme is an **attempt to help people with low oxygen level in their blood to get them-selves checked** early before their ailments become fatal.

Q.165) With reference to the 'SAGAR Mission', which of the following statements is/are correct?

1. The term SAGAR (Security and Growth of All in the Region) is coined by Indian Prime Minister.
2. It is a maritime initiative which gives priority to Indian Ocean region for ensuring peace, stability and prosperity of India in Indian Ocean region.

Select the correct answer using the code given below:

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

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Correct Answer: C

Explanation: In 2015, India introduced its vision of Indian Ocean called “SAGAR”, Security and Growth for All in the Region. The **term was coined by the Indian Prime Minister**. It is a **maritime initiative** which gives priority to Indian Ocean region for ensuring peace, stability and prosperity of India in Indian Ocean region.

Q.166) With reference to the Panchayati Raj Institutions, arrange the following committee in chronological order of their formation:

1. Ashok Mehta Committee
2. Balwant Rai Mehta Committee
3. L.M. Singhvi Committee

Select the correct answer using the code given below:

- a) 1-2-3
- b) 2-3-1
- c) 2-1-3
- d) 1-3-2

Correct Answer: C

Explanation: Committees related to Panchayati Raj Institutions:

- **Balvantrai Mehta Committee**, appointed in January 1957, submits its report on 24 November 1957.
- **Ashok Mehta Committee** on working of panchayats, appointed on 12 December 1977, submits its report on 21 August 1978.
- **L.M. Singhvi Committee** submits its report on 27 November 1986. It recommends constitutional status for panchayats.

Q.167) Consider the following statements regarding **Open Source Software**:

1. All open source software are government owned.
2. Aarogya Setu is an open source software.
3. National Policy on Information Technology, 2012 aims to promote open source and open technologies.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 and 3 only
- c) 3 only
- d) All of the above

Correct answer: C

Explanation: Open source software is a software with source code that anyone can inspect, modify, and enhance. Source Code is the code computer programmers can manipulate to change how a of software/program/application works.

Statement 1 is incorrect. Any private or government developed software can be made open source, e.g. Singapore’s **TraceTogether** app has been made open source, noted commercially developed OSS are Firefox, WordPress etc.

Statement 2 is incorrect. **Aarogya Setu application’s source code has not been made public**. It has been demanded by many transparency activists and government may release it at some time in future.

Statement 3 is correct. **One of the objectives of National Policy on Information Technology, 2012 is “to adopt Open standards and promote open source and open technologies”**.

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Q.168) Consider the following statements regarding **Justice K. S. Puttaswamy (Retd.) vs Union of India case 2017**:

1. It upheld the right to privacy as fundamental right under the constitution.
2. It mandates existence of a law for state intervention in right to privacy.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Statement 1 is correct. Justice K. S. Puttaswamy (Retd.) and Anr. vs Union Of India And Ors Case 2017 **held that right to privacy is intrinsic to freedom of life & liberty** (Article 21) and an inherent part of the fundamental rights enshrined in Part III of the Constitution.

Statement 2 is correct. The judgment mentions a **proportionality test for state intervention** in the right to privacy: i. The state action must be sanctioned by law. ii. There must be a legitimate aim for action. iii. Action must be proportionate to the need for such interference. iv. It must be subject to procedural guarantees against abuse of the power to interfere.

Q.169) Consider the following statements regarding **Centre for Monitoring Indian Economy (CMIE)**:

1. It is an autonomous organization under the Ministry of Statistics and Programme Implementation.
2. It analyses the data from its independent surveys to decipher trends in the economy.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. **CMIE is a privately owned company** headquartered at Mumbai. It is a business information company established in 1976 primarily as an independent think tank.

Statement 2 is correct. It conducts surveys to estimate household incomes, pattern of spending and savings; it has created an integrated database of the Indian economy. CMIE produces economic and business databases and develops specialized analytical tools for decision making and for research. It analyses the data to decipher trends in the economy.

Q.170) Consider the following statements regarding **District Mineral Foundations (DMF)**:

1. These are set up by mandate of Mines and Minerals (Regulation and Development) Act.
2. DMFs are established by Union government in any district affected by mining related operations.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

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Correct answer: A

Explanation: Statement 1 is correct. **The Mines and Mineral (Development and Regulation) Act, 1957 (MMDR Act, 1957)** was amended through the MMDR Amendment Act, 2015 to provide for the establishment of District Mineral Foundation (DMF) in any district affected by mining related operations.

Statement 2 is incorrect. These are **established by state governments** by notification. Section 9B(1) states “in any district affected by mining related operations, the State Government shall, by notification, establish a trust, as a non-profit body, to be called the District Mineral Foundation.”

The objective of the DMF is to work for the interest and benefit of persons, and areas affected by mining related operations.

Q.171) The **Inter-state Migration Policy Index (IMPEX) 2019** has been compiled by:

- a) NITI Aayog
- b) Tata Institute of Social Sciences
- c) India Migration Now
- d) Centre for the Study of Developing Societies

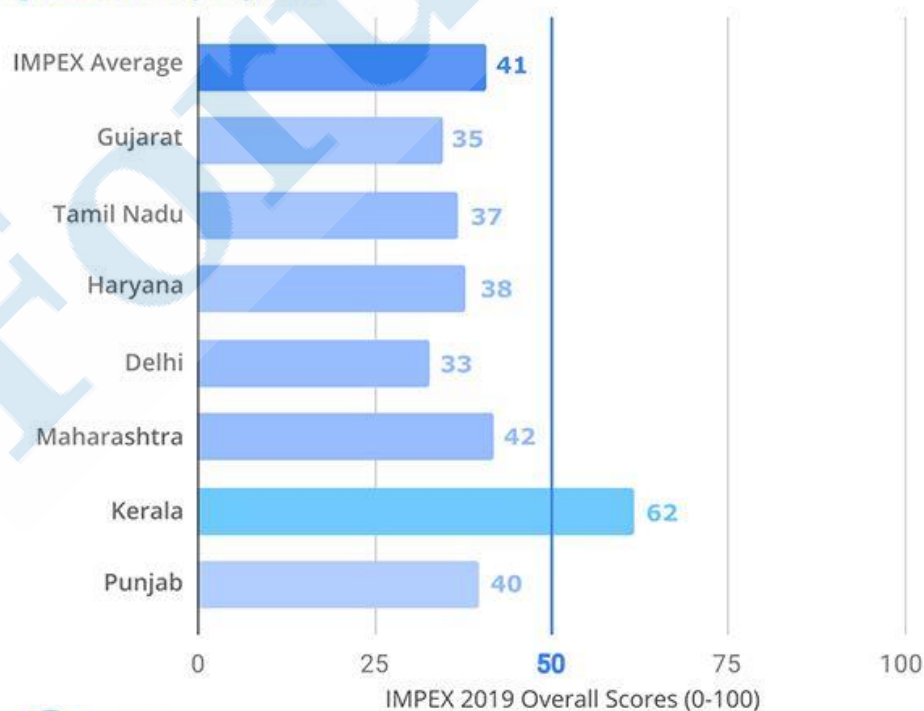
Correct answer: C

Explanation: **The Interstate Migrant Policy Index 2019 (IMPEX 2019)** is an index compiled by **India Migration Now**, a Mumbai-based nonprofit, which analyses state-level policies for the integration of out-of-state migrants.

Kerala ranked first out of seven states for migrant friendly policies on the Interstate Migrant Policy Index 2019 (IMPEX 2019)

How The 7 Most Popular Destination States In The Country Scored On The IMPEX Scale

The IMPEX 2019 measures whether a state has equitable policies for residents and migrants across 8 policy areas



iS. IndiaSpend

Source: India Migration Now

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Q.172) Consider the following statements regarding **The Industrial Relations Code, 2019**:

1. The code delegitimizes the existence of trade unions.
2. It prohibits strikes or lockouts in an industrial establishment unless a prior notice of 14 days is provided.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. It subsumes and replaces the provisions of the Industrial Disputes Act, 1947; the Trade Unions Act, 1926; and the Industrial Employment (Standing Orders) Act, 1946. It **provides for the recognition of trade unions**; notice periods for strikes and lock-outs, standing orders, and resolution of industrial disputes.

Statement 2 is correct. The Industrial Relations Code 2019 **prohibits strikes or lock-outs in an industrial establishment unless a prior notice of 14 days is provided**. Similar provision existed in Industrial Disputes Act, 1947 for public utility services (such as, railways and airlines) which the 2019 code extends for all establishments.

Status of The Industrial Relations Code, 2019: It was introduced in Loksabha in November 2019 and then referred to **standing committee which submitted its report on Apr 23, 2020**.

Q.173) Which of the following were objectives included in **Karachi Resolution of Indian National Congress, 1931**:

1. Freedom of association.
2. Religious neutrality on part of the state.
3. Labour to be freed from serfdom.
4. Free Primary education.

Select the correct answer using the code given below?

- a) 1, 2 and 3 only
- b) 2, 3 and 4 only
- c) 1, 3 and 4 only
- d) All of the above

Correct answer: D

Explanation: All were part of the Karachi Resolution of 1931.

It included **fundamental rights which protected civil liberties** and the resolution put forward a list of **socio-economic principles/rights** that the Indian state should adhere to.

Some provisions under the resolution were: Freedom of association and combination, freedom of speech and press, freedom of conscience and the free profession and practice of religion, religious neutrality on part of the state, living wage for industrial workers, limited hours of labour, healthy conditions of work, protection against the economic consequences of old age, sickness, and unemployment, labour to be freed from serfdom or conditions bordering on serfdom, adult suffrage, free primary education etc.

Q.174) Consider the following statements regarding **Rajyasabha**:

1. A Rajyasabha member cannot be Prime Minister of the country.
2. A no-confidence motion cannot be passed in the Rajyasabha.
3. Rajyasabha is not subject to dissolution.

Which of the statements given above is/are correct?

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- a) 1 only
- b) 2 and 3 only
- c) 3 only
- d) All of the above

Correct answer: B

Explanation: Statement 1 is incorrect. Article 75(5) mandates that a **minister must be a Member of Parliament** or a Minister who is not a member of either House of the Parliament for 6 months shall cease to be a Minister on expiration of such term. **There is no bar on members of Rajyasabha to be part of the council of ministers.** Dr. Manmohan Singh was member of Rajyasabha while being the Prime Minister of India.

Statement 2 is correct. No-confidence motion can be introduced only in Lok Sabha to test the majority enjoyed by council of ministers/government of the day. **The council is collectively responsible to Lok Sabha** therefore no confidence motion is a tool available to Lok Sabha only.

Statement 3 is correct. **Rajya Sabha is a permanent body** and is not subject to dissolution. However, one third of the members retire every second year, and are replaced by newly elected members. Each member is elected for a term of six years.

Q.175) Consider the following statements regarding **fifth schedule of constitution**:

- 1. Governor may by order declare an area to be 'Scheduled Areas' under fifth schedule.
- 2. Uttarakhand and Punjab do not have Scheduled Areas under fifth schedule.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. As per the Constitutional under Article 244 (1) the 'Scheduled Areas' are defined as 'such areas as the **President may by order declare to be Scheduled Areas**'. The specification of "Scheduled Areas" in relation to a State is by a notified order of the President, after consultation with the Governor of that State.

Statement 2 is correct. At present, Scheduled Areas have been declared in the States of Andhra Pradesh, Telangana, Chhattisgarh, Gujarat, Himachal Pradesh, Jharkhand, Madhya Pradesh, Maharashtra, Odisha and Rajasthan.

Q.176) Bicameralism at Central legislature was introduced by:

- a) Government of India Act 1935
- b) Government of India Act 1919
- c) Indian Council Act of 1909
- d) Indian Independence Act 1947

Correct answer: B

Explanation: By **Government of India Act 1919** the Indian Legislative Council was divided into an Upper House (Council of State) and a Lower House (Legislative Assembly). The council of state had tenure of 5 years while the legislative assembly had tenure of three years.

Other key provisions:

Dyarchy at Provincial level.

Three of the six members of the Viceroy's executive Council were to be Indian.

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It extended the principle separate electorates for Sikhs, Indian Christians, Anglo-Indians and Europeans.

It provided for the establishment of a public service commission. Hence, a Central Public Service Commission was set up in 1926 for recruiting civil servants.

It provided for the appointment of a statutory commission to inquire into and report on its working after, ten years of its coming into force.

Q.177) Consider the following statements regarding **World Health Assembly**:

1. It is the decision-making body of World Health Organization.
2. It determines the policies of the WHO and appoints the Director-General.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Both statements are correct.

The **World Health Assembly is the decision-making body of WHO**. It is attended by delegations from all WHO Member States and focuses on specific health agenda prepared by the Executive Board. The **Executive Board** is composed of 34 technically qualified members elected for three-year terms.

The main functions of the World Health Assembly are to determine the policies of the Organization, **appoint the Director-General**, supervise financial policies, and review and approve the proposed programme budget. The Health Assembly is held annually in Geneva, Switzerland.

Q.178) Consider the following statements regarding **Global Nutrition Report**:

1. It is released by World Health Organization in collaboration with Food and Agriculture Organization.
2. The 2020 report acknowledges that India has achieved *Global Nutrition Targets 2025* in 2019 itself.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: D

Explanation: Statement 1 is incorrect. The Global Nutrition Report is published as a multi-stakeholder initiative, consisting of a **Stakeholder Group, Independent Expert Group and Report Secretariat**.

Statement 2 is incorrect. According to the Global Nutrition Report 2020, **India is among 88 countries that are likely to miss global nutrition targets by 2025**. As per the report India will miss targets for all four nutritional indicators for which data is available: stunting among under-5 children, anaemia among women of reproductive age, childhood overweight and exclusive breastfeeding.

Global nutrition targets were adopted by World Health Assembly in 2012.

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Q.179) Consider the following statements regarding ‘**National Plan**’ under Disaster Management Act, 2005:

1. It is approved by Cabinet Committee on Security.
 2. It is prepared by National Executive Committee in consultation with State governments.
- Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Disaster Management Act 2005 mandates formulation of a *National Plan* as a plan of disaster management for the whole country.

Statement 1 is incorrect. As per the act **National Disaster Management Authority chaired by Prime Minister approves the National Plan.**

Statement 2 is correct. The National Executive Committee assists the NDMA in the discharge of its functions and has the responsibility for implementing the policies and plans. As per the act “**the National Plan shall be prepared by the National Executive Committee having regard to the National Policy and in consultation with the State Governments** and expert bodies or organisations in the field of disaster management to be approved by the National Authority.”

Q.180) Consider the following statements regarding **Sohrai & Khovar paintings**:

1. It is a traditional art form originated from Keonjhar, Odisha.
2. Khovar refers to the harvest paintings on mud houses.
3. Sohrai is the tradition of decorating the marriage chambers.

Which of the statements given above is/are correct?

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- a) 1 only
- b) 2 and 3 only
- c) 3 only
- d) None of the above

Correct answer: D

Explanation: All statements are incorrect.

Sohrai and Khovar are traditional tribal mural art forms of **Hazaribagh region in Jharkhand**. These are commonly seen on **mud houses of various tribes in Hazaribagh such as Munda, Santhal, Agaria, Ganju, Kurmi and Jarwadhi**.

Khovar refers to the decoration of the marriage chambers while Sohrai is the harvest season paintings on the mud houses, repairing it after the rains and offering a thanksgiving to the forces of Nature.

Jharkhand's *Sohrai Khovar* painting and Telangana's *Telia Rumal* have been given the Geographical Indication (GI) tag recently.

Q.181) Consider the following statements regarding **Rajyasabha**:

- 1. A bill for amendment to the constitution cannot be introduced in Rajyasabha.
- 2. A Rajyasabha resolution supported by not less than two thirds of the members present and voting empowers the parliament for creation of a new All India Service.

Which of the above statement is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. **The bill for amendment to the constitution under Article 368 can be introduced in either house of the parliament.**

Statement 2 is correct. **Article 312** of the constitution states "... if the Council of States has declared by resolution supported by not less than two thirds of the members present and voting that it is necessary or expedient in the national interest so to do, Parliament may by law provide for the creation of one or more all India services..."

Q.182) Consider the following statements regarding **National Social Assistance Program**:

- 1. It is being administered by Ministry of Rural Development.
- 2. The program consists of MGNREGA and National Food Security Mission.

Which of the above statement is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: A

Explanation: Statement 1 is correct. The National Social Assistance Programme (NSAP) is a welfare programme being administered by the **Ministry of Rural Development**. This programme is being implemented in rural areas as well as urban areas.

Statement 2 is incorrect. NSAP at present comprises of **Indira Gandhi National Old Age Pension Scheme (IGNOAPS), Indira Gandhi National Widow Pension Scheme (IGNWPS), Indira Gandhi National Disability Pension Scheme (IGNDPS), National Family Benefit Scheme (NFBS) and Annapurna**.

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Q.183) Consider the following statements regarding **Seventh Schedule** of the constitution:

1. Residuary powers of legislation and taxation belong to the Parliament.
2. Public health and sanitation is part of state list.
3. Prevention of the infectious disease's extension from one State to another is part of concurrent list.

Which of the statements given above is/are correct?

- a) 1 and 2 only
- b) 2 only
- c) 1 and 3 only
- d) All of the above

Correct answer: D

Explanation: Statement 1 is correct. As per **article 248(1)** Parliament has exclusive power to make any law with respect to any matter not enumerated in the Concurrent List or State List.

248(2) states "such power shall include the power of making any law imposing a tax not mentioned in either of those Lists"

Statement 2 is correct. Public health and sanitation; hospitals and dispensaries; are part of state list.

Statement 3 is correct. "Prevention of the extension from one State to another of infectious or contagious diseases or pests affecting men, animals or plants" is part of concurrent list.

Q.184) Consider the following statements regarding **Angiotensin-converting enzyme 2 (ACE2)**:

1. ACE2 is an enzyme attached to the outer surface of cells in the lungs.
2. It is an entry point for SARS-COV-2 in the cells.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Statement 1 is correct. ACE2 is an enzyme attached to the outer surface (cell membranes) of cells in the **lungs, arteries, heart, kidney, and intestines**.

Statement 2 is correct. As a transmembrane protein, **ACE2 serves as the main entry point into cells for some coronaviruses**, including the SARS-COV-2 that causes COVID-19. The spike protein of the virus binds to ACE2 to enter the cellular systems.

Q.185) Consider the following statements regarding **Article 32 of the Constitution**:

1. It provides Supreme Court and High Courts the power to issue writs for enforcement of fundamental rights.
2. Parliament may by law empower any other court to issue writs within its jurisdiction.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

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Explanation: Statement 1 is incorrect. **Article 32(2)** in The Constitution Of India states “the Supreme Court shall have power to issue directions or orders or writs, including writs in the nature of habeas corpus, mandamus, prohibition, quo warranto and certiorari, whichever may be appropriate, for the enforcement of any of the rights conferred by this Part”.

The **High Court's power to issue writs** for the enforcement of any of the rights conferred by Part III and for any other purpose **is under article 226 of the constitution**.

Statement 2 is correct. As per **Article 32(3)** “Parliament may by law empower any other court to exercise within the local limits of its jurisdiction all or any of the powers exercisable by the Supreme Court under clause 32(2)”.

Q.186) Consider the following statements regarding **Pangong Tso Lake**:

1. It is a fresh water lake and does not freeze in winter.
2. It is part of the Indus river system.

Which of the above statement is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: D

Explanation: Statement 1 is incorrect. It is a **saline lake but freezes in winter**. It has an endorheic basin, i.e. it retains its water and does not allow outflow to other external water bodies, such as oceans and rivers.

Statement 2 is incorrect. The **Pangong Tso Lake is a landlocked transboundary lake** in Ladakh Union Territory of India and Tibetan Autonomous Region, China; and it is **not part of Indus river system**.

Q.187) Consider the following statements regarding **Sovereign Credit Guarantees**:

1. The government commits to pay the creditor in case of default.
2. The constitution empowers Union government to give guarantees on security of Consolidated Fund of India.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Statement 1 is correct. Sovereign Credit Guarantee refers to guarantee given by government to lender with regard to a liability of a third person. **In case the debtor defaults, government guarantees to pay the liability of debtor to creditor**.

Statement 2 is correct. **Article 292 of the constitution** states “the executive power of the Union extends to borrowing upon the security of the Consolidated Fund of India within such limits, if any, as may from time to time be fixed by Parliament by law and to the giving of guarantees within such limits, if any, as may be so fixed”.

Q.188) Consider the following statements regarding proposed changes in **MSME definition under Atma-nirbhar Bharat Abhiyan**:

1. The new definition will be based on investment instead of turnover.
2. The definition of classes of small and medium enterprises will be merged into one class.

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Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: D

Explanation: Both statements are incorrect.

The new definition is based on investment as well as turnover.

Existing and Revised Definition of MSMEs

Existing MSME Classification			
Criteria : Investment in Plant & Machinery or Equipment			
Classification	Micro	Small	Medium
Mfg. Enterprises	Investment < Rs. 25 lac	Investment < Rs. 5 cr.	Investment < Rs. 10 cr.
Services Enterprise	Investment < Rs. 10 lac	Investment < Rs. 2 cr.	Investment < Rs. 5 cr.

Revised MSME Classification			
Composite Criteria : Investment And Annual Turnover			
Classification	Micro	Small	Medium
Manufacturing & Services	Investment < Rs. 1 cr. and Turnover < Rs.5 cr.	Investment < Rs. 10 cr. and Turnover < Rs.50 cr.	Investment < Rs. 20 cr. and Turnover < Rs.100 cr.

Q.189) Which of the following can be considered a part of **Care Economy**?

- 1. Universal health care
- 2. Maternity leave benefits
- 3. Right of free and quality education

Select the correct answer using the code given below:

- a) 1 and 2 only
- b) 2 only
- c) 2 and 3 only
- d) All of the above

Correct answer: D

Explanation: All are part of Care Economy.

Care economy can be defined as part of human activity, both material and social, that is concerned with the process of caring for the present and future labour force and the human population. **Care work can be direct or indirect, paid or unpaid, short-term (maternity needs) or long-term (care for the disabled and elderly).**

Q.190) Reduction in EPF contribution announced by government under Atma-nirbhar Bharat Abhiyan is intended to?

- 1. Decrease in aggregate demand
- 2. Increase in liquidity in market

Select the correct answer using the code given below:

- a) 1 only

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- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: The government has announced a reduction in PF contribution of both employer and employee to 10% each from the existing 12% each for all establishments covered by EPFO for the next 3 months. It will provide more take home salary to employees and some relief to employers in payment of Provident Fund (PF) dues.

Statement 1 is incorrect. **Increase in take home wages have potential in increase the overall demand in economy.**

Statement 2 is correct. **Liquidity is expected to increase with lesser funds attached to PF and more cash-in-hand salary.**

Q.191) Which of the following statements is/are correct regarding **Say's law of market**?

1. Source of demand is production.
2. Consumption rather than production should be promoted by governments to spur growth.

Select the correct answer using the code given below:

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: A

Explanation: Statement 1 is correct. Say's law of market states that the **ability to purchase something depends on the ability to produce** and thereby generate income, i.e. production of a product creates demand for another product by providing something of value which can be exchanged for that other product. Thus, **the source of demand is production, not money itself.**

Statement 2 is incorrect. Say's Law proposes that **production is the key to economic growth** and the government policy should encourage production rather than promoting consumption.

Q.192) Which of the following can be considered a **supply side measure to spur growth in an economy**?

1. Reduction in Corporate tax
2. Relaxation in labour law regulations

Select the correct answer using the code given below:

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Statement 1 is correct. Corporation Tax or **Corporate Tax is a direct tax levied on the net income or profit that corporate enterprises (company) make from their business activities.** A reduction in corporate tax reduces the cost of doing business, provides extra liquidity and extra capital with companies to make more investments.

Statement 2 is correct. Relaxation in labour laws and looser business regulations can **eliminate processing times and reporting requirements for companies.**

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Both of these measures can provide increased incentives for expansion, higher levels of production, and increased production capacity.

Q.193) Which of the following is a direct **source of revenue for state governments**?

1. Taxes on liquor for human consumption
2. Taxes on the consumption or sale of electricity
3. VAT on petroleum products

Select the correct answer using the code given below:

- a) 1 and 2 only
- b) 2 and 3 only
- c) 3 only
- d) All of the above

Correct answer: D

Explanation: All of the above are direct source of revenue for state governments.

Taxes on **consumption or sale of electricity and alcoholic liquors for human consumption are part of state list and have been kept out of purview of GST.**

The taxation of petroleum products is also not covered under GST and its sale is taxed by respective state governments.

Q.194) Consider the following statements regarding the proposed '**Integrated Battle Groups**' (IBGs) in India:

1. It will consist of units from the Army, Navy and Air Force.
2. IBGs will be headed by Chief of Defense Staff.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: D

Explanation: Statement 1 is incorrect. It is part of reforms being initiated in **Indian Army**. IBGs are brigade-sized, agile, self-sufficient combat formations, which can swiftly launch strikes against adversary in case of hostilities. It is being tested by units and commands under Indian Army.

Statement 2 is incorrect. Each IBG will be headed by a Major General.

As per the government notification the **Chief of Defense Staff will not exercise any military command.**

For Greater Punch

WHAT IS INTEGRATED BATTLE GROUP?	HOW IS IT DIFFERENT FROM EXISTING FORMATIONS?
Between a brigade and division, it is a formation comprising existing elements of infantry, tank regiments, artillery, UAVs, engineers and signals	IBGs ensure better integration and self-sufficiency as compared to the existing formations, allowing it to strike harder and quicker across the border
Will have about six battalions of infantry, armoured and artillery, and placed directly under a Corps	A brigade during hostilities has to wait to be augmented by different types of units, which increases the time to mobilise
Each IBG will be differentiated on the basis of threat, terrain and tasks	

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Q.195) Which of the following is/are part of **Atma-nirbhar Bharat Abhiyan**?

1. Waiver of corporate tax in 2020-21 fiscal year
2. Sovereign credit guarantee for MSME
3. Global tenders of government below Rs 200 crore disallowed

Select the correct answer using the code given below:

- a) 1 only
- b) 2 and 3 only
- c) 3 only
- d) All of the above

Correct answer: B

Explanation: Statement 1 is incorrect. No such declaration has been made.

Statement 2 is correct. Those MSMEs whose turnover is 100 crore and have 25 crore outstanding loan exposure can avail the collateral free, sovereign credit guarantee loans. This facility is of a total amount of Rs 3 lakh crores and available till 31st October 2020.

Statement 3 is correct. Global tenders will be disallowed in govt procurement for tenders under Rs 200 crore to provide opportunity and lesser global competition to Indian firms.

Caveat: The scheme is yet to be completely announced and is being announced in tranches. [14-05-2020]

Q.196) Consider the following statements regarding **‘Telia Rumal’**:

1. It is a tie and dye technique using oil treatment of yarn.
2. It has been recognized as a geographical indication.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Statement 1 is correct. Telia Rumal is a **unique tie and dye technique that uses oil for the treatment of the yarn that helps it retain softness and has a distinct smell of gingelly oil**. The Rumal can only be created using the **traditional handloom** process and not by any other mechanical means to keep the quality intact.

Statement 2 is correct. **Puttapaka Telia Rumal (Telangana)** has been registered as a geographical indication.

Q.197) Consider the following statements regarding **Integrated Management of Public Distribution System (IM-PDS)**:

1. The system aims to ensure nation-wide portability of ration card holders.
2. The IM-PDS portal provides the technological platform for the intra-state portability of ration cards.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: A

Explanation: Statement 1 is correct. To sustain the reforms of ‘End to End Computerization of Targeted Public Distribution System (TPDS) Operations’ the

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Department of Food & Public Distribution launched the "Integrated Management of Public Distribution System (IM-PDS)". It aims to introduce nation-wide portability of ration card holders under National Food Security Act, 2013 (NFSA), through '**One Nation One Ration Card**' system.

Statement 2 is incorrect. **Integrated Management of Public Distribution System (IM-PDS)** portal (<http://www.impds.nic.in/>) provides the technological platform for the *inter-state portability* of ration cards. The **Annavitaran portal** (annavitrان.nic.in) hosts the data of distribution of food grains through E-PoS devices within a state.

Q.198) Consider the following statements:

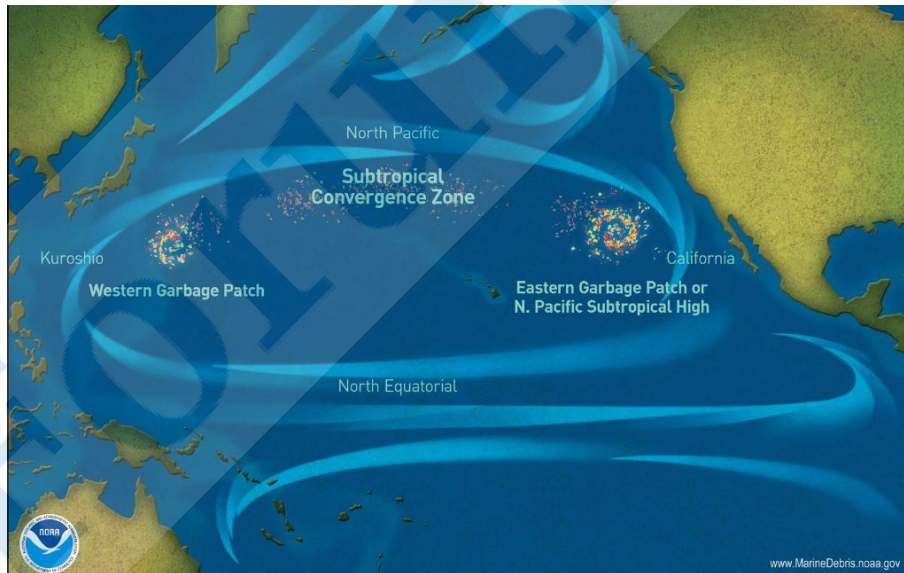
1. Great Pacific garbage patch is a collection of marine debris bound by the North Pacific Subtropical Gyre.
2. India is signatory to the International Convention for the Prevention of Pollution from Ships (MARPOL).

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Statement 1 is correct. The Great Pacific Garbage Patch is a collection of marine debris in the North Pacific Ocean. Also known as the Pacific trash vortex, the garbage patch is actually two distinct collections of debris bounded by the massive North Pacific Subtropical Gyre.



Statement 2 is correct. The International Convention for the Prevention of Pollution from Ships (**MARPOL**) is the main international convention covering prevention of pollution of the marine environment by ships from operational or accidental causes. It was adopted on 2 November 1973 at International Maritime Organization. India is signatory to the International Convention for the Prevention of Pollution from Ships (MARPOL).

As per National Ocean & Atmospheric Administration (NOAA), USA **most ocean pollution begins on land**, as much as eighty percent of pollution to the marine environment comes from the land.

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Q.199) Consider the following statements regarding **Chitra GeneLAMP-N**:

1. It is a diagnostic test for COVID-19 developed by National Institute of Virology, Pune.
2. It is an antibody-based test for COVID-19.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: D

Explanation: Statement 1 is incorrect. **Sree Chitra Tirunal Institute for Medical Sciences and Technology, Trivandrum, an Institute of National Importance, of the Department of Science and Technology (DST)**, has developed a diagnostic test kit *Chitra GeneLAMP-N* that can confirm COVID19 in 2 hours at low cost.

Statement 2 is incorrect. It is not based on antibody detection; it rather **detects the N Gene of SARS- COV2 using reverse transcriptase loop-mediated amplification of viral nucleic acid (RT-LAMP)**. It is highly specific for SARS-CoV-2 N-gene and can detect two regions of the gene, which will ensure that the test does not fail even if one region of the viral gene undergoes mutation during its current spread.

Q.200) Consider the following statements:

1. Blockchain is a distributed database of records or transactions that grows as more entries are added.
2. A 'Centre of Excellence in Blockchain Technology' has been set up by National Informatics Centre (NIC) in Bengaluru, India.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Statement 1 is correct. **Blockchain** is a distributed ledger technology in which transactions are stored in 'blocks' and cryptographically linked to the previous block by a 'chain'.

A Database Which is Distributed	A list of records / transactions, like a ledger, that keeps growing as more entries are added;
	Copies of the entire database are stored on multiple computers on a network, syncing within minutes / seconds;
adjustably Transparent	Records stored in the database may be made visible to relevant stakeholders without risk of alteration;
highly Secure	Malicious actors (hackers) can no longer just attack one computer and change any records;
and Immutable	The mathematical algorithms make it impossible to change / delete any data once recorded and accepted.

Statement 2 is correct. **National Informatics Centre (NIC) has set up the Centre of Excellence (CoE) in Blockchain Technology in Bengaluru**, Karnataka, aiming to provide

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Blockchain as a service and allowing all stakeholders to benefit from shared learning, experiences and resources.

Q.201) Consider the following statements regarding **Whitley Commission**:

1. It was set up to inquire into conditions of labour in industries and plantations in British India.
2. It recommended a systematic collection of labour statistics.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Statement 1 is correct. **The Royal Commission on Labour under chairmanship of John Henry Whitley was set up in 1929** to inquire into the existing conditions of labour in industrial undertakings and plantations in India.

Statement 2 is correct. The Royal Commission on Labour report in 1931 stated the need for systematic collection of labour statistics. The Commission recommended the adoption of a suitable legislation enabling the Competent Authority to collect and collate information regarding the living, working and socio-economic conditions of industrial labour in India.

Caveat: Today's [15-05-20] The Hindu article mentions "... the Royal Commission on Labour, which gave a report in 1935" while the labour bureau website mentions "...The Royal Commission on Labour in 1931", the Wikipedia source of the document and Oxford University Press website (<https://academic.oup.com/ia/article-abstract/10/4/571/2711703>) also cite 1931 as year of the report publication.

Q.202) Which of the following correctly defines "**Laissez-Faire**":

- a) Means of production owned and regulated by community as a whole
- b) Minimum interference by government in the business affairs
- c) Production and distribution in economy controlled by workers' unions
- d) None of the above

Correct answer: B

Explanation: Laissez-faire (a French term that translates as "leave alone" or "let you do") is an economic theory from the 18th century that **opposed any government intervention in business** affairs. It proposes that the less the government is involved in the economy, the better off business will be and by extension, society as a whole. Laissez-faire economics are a key part of free market capitalism.

Q.203) Consider the following statements regarding **borrowings by States as per Constitution**:

1. The executive power of a State extends to borrowing within the territory of India upon the security of the Consolidated Fund of the India.
2. The government of India can give guarantees in respect of loans raised by any State.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

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Correct answer: B

Explanation: Article 293 of the Constitution deals with the borrowing powers of states in India.

Statement 1 is incorrect. **Article 293(1)** states that the executive power of a State extends to borrowing within the territory of India upon the security of the Consolidated Fund of the State.

Statement 2 is correct. **Article 293(2)** states that the Government of India may make loans to any State or give guarantees in respect of loans raised by any State, and any sums required for the purpose of making such loans shall be charged on the Consolidated Fund of India.

Q.204) Consider the following statements regarding **Micro Units Development and Refinance Agency Ltd (MUDRA)**:

1. It is a direct lending institution providing support to the small business sector.
2. Loans below Rs 50,000 are not available under MUDRA scheme.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: D

Explanation: Statement 1 is incorrect. **MUDRA is a refinance agency and not a direct lending institution.** MUDRA provides refinance support to its intermediaries viz. Banks, Micro Finance Institutions and NBFCs, who are in the business of lending for income generating activities in the non-farm sector in manufacturing, processing, trading or service sector and who in turn will finance the beneficiaries.

Statement 2 is incorrect. MUDRA loans are available in three categories. For small business, **loan upto Rs 50000 is available under the 'Shishu' category** and **beyond Rs 50,000 and up to Rs 5 lakh under the 'Kishor' category**. It also offers loans **beyond Rs 5 lakh and up to Rs 10 lakh under the Tarun category**.

Q.205) Consider the following statements regarding **COBAS 6800** machine:

1. It is a COVID-19 testing kit indigenously developed by DRDO.
2. It limits the chances of contamination as it can be operated remotely with limited human intervention.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. **COBAS-6800 is a molecular testing kit developed by Roche Diagnostics** (a diagnostic division of Hoffmann-La Roche, Switzerland). It is being used as diagnostic test kit for COVID-19. **It has been procured by the Government of India for testing of COVID-19 cases and is installed at the National Centre for Disease Control.**

Statement 2 is correct. It is **enabled with robotics** that minimizes the chances of contamination as well as the risk of infection to the health care workers since it can be operated remotely with limited human intervention.

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Q.206) Which of the following are components of **Sagarmala Programme**:

1. Port Modernization & New Port Development
2. Coastal Community Development
3. Port-linked Industrialization

Select the correct answer using the code given below:

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All of the above

Correct answer: D

Explanation: All are components of Sagarmala Programme.

The Sagarmala programme is the **flagship programme of the Ministry of Shipping** to promote port-led development in the country through harnessing India's 7,500 km long coastline, 14500 km of potentially navigable waterways and strategic location on key international maritime trade routes.

Components of Sagarmala Programme are:

- Port Modernization & New Port Development
- Port Connectivity Enhancement
- Port-linked Industrialization
- Coastal Community Development
- Coastal Shipping & Inland Waterways Transport

Q.207) Consider the following statements:

1. Constitution provides for freedom of trade and commerce throughout the territory of India.
2. Interstate trade and commerce is part of concurrent list.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: A

Explanation: Statement 1 is correct. **Article 301 of the Constitution** states "freedom of trade, commerce and intercourse Subject to the other provisions of this Part, trade, commerce and intercourse throughout the territory of India shall be free".

Article 302 of the constitution states "parliament may by law impose such restrictions on the freedom of trade, commerce or intercourse between one State and another or within any part of the territory of India as may be required in the public interest".

Statement 2 is incorrect. **Inter-State trade and commerce is part of Union list** under seventh schedule of Indian Constitution.

Q.208) Consider the following statements regarding **Agriculture Infrastructure Fund** announced as part of Atmanirbhar Bharat Abhiyan:

1. It will be financed and managed by National Investment and Infrastructure Fund.
2. The fund will support agriculture cooperative societies, farmer producer organizations and agriculture entrepreneurs.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only

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- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. Government has announced plans for Rs 1 lakh crore Agriculture Infrastructure Fund as part of the Atmanirbhar Bharat Abhiyan stimulus package. The fund will be financed and managed by the **National Bank for Agriculture and Rural Development (NABARD)**.

Statement 2 is correct. It is to be used for funding Agriculture Infrastructure Projects at farm-gate and aggregation points which will include primary agricultural co-operative societies, farmer producer organizations, agricultural entrepreneurs and start-ups.

Q.209) Consider the following statements regarding **Fundamental Rights** as provided in the Indian Constitution:

1. The freedom of conscience and the right freely to profess, practice and propagate religion is subject to public order, morality and health.
2. The minorities based on religion have the right to establish and administer educational institutions of their choice.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Statement 1 is correct. As per **article 25(1) of the constitution** subject to public order, morality and health all persons are equally entitled to freedom of conscience and the right freely to profess, practice and propagate religion.

Statement 2 is correct. **Article 30 of the constitution** provides for minority rights, as per article 30(1); all minorities, whether based on religion or language, shall have the right to establish and administer educational institutions of their choice.

Q.210) Which of the following were parties to the **Treaty of Sagauli**?

1. Kingdom of Nepal
2. East India Company
3. Mughal King Akbar II

Select the correct answer using the code given below:

- a) 1 and 2 only
- b) 2 and 3 only
- c) 3 only
- d) 1 and 3 only

Correct answer: A

Explanation: Treaty of Sagauli (1815-16) between East India Company and King of Nepal established the boundary between British India and Nepal Kingdom. The expansion of Nepal kingdom towards Kumaon (1793), Garhwal (1804), the basins of Gandaki, Karnali and parts of Sikkim in the east brought them in conflict with the British. Anglo-Nepalese War occurred in 1814–1816 which ended by Treaty of Sagauli.

By the treaty, Nepal renounced all claim to the disputed Tarai, and ceded its conquests west of the Kali River. Nepal remained independent, but it received a British resident with the status of an ambassador to an independent country.

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Q.211) Which of the following has released the **Energy Transition Index 2020**?

- a) World Economic Forum
- b) International Atomic Energy Agency
- c) International Energy Agency
- d) World Bank

Correct answer: A

Explanation: The **Energy Transition Index (ETI)** released by **World Economic Forum (WEF)** is a fact-based ranking intended to enable policymakers and businesses to plot the course for a successful energy transition.

It is a composite score of 40 indicators, benchmarks 115 countries on the current performance of their energy system, and their readiness for transition to a secure, sustainable, affordable, and inclusive future energy system. Sweden topped the index followed by Switzerland and Finland while India ranks 74th.

Q.212) Consider the following statements regarding **Essential Commodities Act 1955**:

- 1. Central government may by notification add or remove a commodity in the schedule listing 'essential commodities'.
- 2. Central government may issue orders for regulating by licences, permits or otherwise the production or manufacture of any essential commodity.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Statement 1 is correct. **Essential commodities** are specified in the schedule of the act. The act states “ **Central Government may**, if it is satisfied that it is necessary so to do in the **public interest** and for reasons to be specified in the notification published in the Official Gazette, amend the Schedule so as to—

- (a) add a commodity to the said Schedule;
 - (b) remove any commodity from the said Schedule,
- in consultation with the State Governments.

Statement 2 is correct. Act authorizes the central government to **regulate or prohibit the production, supply and distribution of an essential commodity**. Therefore, orders can be issued by the central government for regulating by licences, permits or otherwise the production or manufacture of any essential commodity.

Q.213) Consider the following statements regarding **Pradhan Mantri Matsya Sampada Yojana**:

- 1. It will focus only on inland fisheries development.
- 2. The scheme aims infrastructure creation for fishing harbours, cold chain and markets.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

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Explanation: Statement 1 is incorrect. **Pradhan Mantri Matsya Sampada Yojana is aimed for the development of marine as well as inland fisheries.**

Statement 2 is correct. As per **Atmanirbhar Bharat Abhiyan** declarations the government will provide 20,000 crore rupees under Pradhan Mantri Matsya Sampada Yojana for the development of marine and inland fisheries. Of this, 11,000 crore rupees will be earmarked for activities in marine, inland fisheries and aquaculture while 9,000 crore rupees for infrastructure creation such as fishing harbours, cold chain and markets.

Rs 20,000 crores for Fishermen through Pradhan Mantri Matsya Sampada Yojana (PMMSY)

- **Critical gaps** in fisheries value chain
- **Government will launch the PMMSY for integrated, sustainable, inclusive development of marine and inland fisheries.**
- **Rs 11,000 Cr for activities** in Marine, Inland fisheries and Aquaculture
- **Rs. 9000 Cr for Infrastructure** - Fishing Harbours, Cold chain, Markets etc.
- Cage Culture, Seaweed farming, Ornamental Fisheries as well as New Fishing Vessels, Traceability, Laboratory Network etc. will be key activities.
- Provisions of Ban Period Support to fishermen (during the period fishing is not permitted), Personal & Boat Insurance
- Will lead to **Additional Fish Production of 70 lakh tonnes over 5 years.**
- **Employment to over 55 lakh persons; double exports to Rs 1,00,000 Cr.**
- **Focus on Islands, Himalayan States, North-east and Aspirational Districts.**



Q.214) Yakshagana is a traditional theatre art from:

- a) Karnataka
- b) Rajasthan
- c) Odisha
- d) West Bengal

Correct answer: A

Explanation: Yakshagana is a **traditional theatre art form of Karnataka** involving mythological and Purana stories. The word Yakshagana is derived from two words: Yaksha means Nature's spirit and Gana means Song. The theatre play is a combination of **dance, music, dialogues, costumes, face-makeup and narrates stories of Kings, History of places or events of Purana.** The dialogue is delivered in either Tulu or Kannada.

Q.215) Consider the following statements regarding Quinine:

1. It is extracted from bark of Cinchona trees.
 2. It is effective against the Malaria disease.
- Which of the statements given above is/are correct?
- a) 1 only
 - b) 2 only
 - c) Both 1 and 2
 - d) Neither 1 nor 2

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Correct answer: C

Explanation: Both statements are correct.

Quinine is a medication used to treat malaria, but it has several side effects and development of new drugs have limited the use of Quinine as antimalarial drug. Quinine, as a component of the bark of the **cinchona (quina-quina) tree**, was used to treat malaria from as early as the 1600s. Quinine is extracted from the bark of a seven or eight-year-old tree, when the yield is highest.

Q.216) Consider the following statements regarding **Arumbavur Wood Carving**:

1. Arumbavur wood carvings are majorly based on temple architectures and deities.
2. Only Myanmar Teak wooden logs are used for the carvings.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: A

Explanation: Arumbavur Wood Carving from Tamil Nadu has been recently recognized as a Geographical Indication.

Statement 1 is correct. The designs that inspire Arumbavur wood carvings lie in **temple architecture** indigenous to the region. Arumbavur wood carvings mostly represent idols and deities, temple chariots and temple cars, door panels of houses, pooja rooms and temples, decorative figures, pooja mandapam.

Statement 2 is incorrect. Arumbavur wood carvings are sculptures primarily made of the wooden logs of **Mango, Lingam tree, Indian Ash tree, Rosewood, Neem tree**.

Q.217) Consider the following statements regarding **Suraksha Store initiative**:

1. It is a public private partnership initiative including the Department of Consumer Affairs.
2. It aims to link the National Agriculture Market (eNAM) to sellers at local level.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: A

Explanation: Statement 1 is correct. The Department of Consumer Affairs has partnered with tech startups Safejob and Seekify to **prevent the spread of COVID-19 at the Kirana store level**.

Statement 2 is incorrect. Under the initiative these Kirana stores (owners) will be educated, certified and validated to follow common minimum health standards as well as safety checklists.

Q.218) Consider the following statements regarding **'Kawasaki disease'**:

1. It primarily affects children younger than 5 years of age.
2. It causes inflammation in the walls of some blood vessels in the body.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2

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d) Neither 1 nor 2

Correct answer: C

Explanation: Both statements are correct. Kawasaki disease (KD), also known as **Kawasaki syndrome**, is an acute illness of unknown cause that primarily affects children **younger than 5 years of age**. It causes inflammation in the walls of some blood vessels in the body. Clinical signs include fever, rash, swelling of the hands and feet, irritation and redness of the whites of the eyes, swollen lymph glands in the neck, and irritation and inflammation of the mouth, lips, and throat.

The disease was first described in **Japan by Tomisaku Kawasaki in 1967**. It has recently been linked to some children fatalities in New York who had contracted COVID-19.

Q.219) Consider the following statements regarding the recent **Black Hole discovery in HR6819** system:

1. It is part of constellation Telescopium.
 2. It was discovered by astronomers from the European Southern Observatory (ESO).
- Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Both statements are correct.

A team of astronomers from the **European Southern Observatory (ESO)** have discovered a black hole 1,000 light-years from Earth. **It is the closest black hole to our solar system discovered till date**. It was found in a system called HR 6819, in the constellation Telescopium.

Q.220) Consider the following statements regarding **Energy Efficiency Services Limited (EESL)**:

1. It is a joint venture of four public sector organizations under Ministry of Power.
 2. It is the implementing body for Smart Meter National Programme (SMNP).
- Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Both statements are correct.

EESL is a Joint Venture of four public-sector undertakings under the Ministry of Power Government of India - **NTPC Limited, Power Finance Corporation Limited., REC Limited, and POWERGRID Corporation of India Limited.**

Government of India's **Smart Meter National Programme (SMNP)** is being implemented through **Energy Efficiency Services Limited (EESL)**, it aims to replace 25 crore conventional meters with smart meters across India.

Q.221) Which of the following is/are correctly matched?

1. Kalapani - Uttarakhand
2. Pangong Tso - Jammu & Kashmir

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3. Naku La - Sikkim

Select the correct answer using the code given below:

- a) 1 and 3 only
- b) 2 only
- c) 2 and 3 only
- d) All of the above

Correct answer: A

Explanation: Kalapani is in Pithoragarh district of Uttarakhand which borders with Nepal.

Pangong Tso Lake is a saline lake extending from Union territory of Ladakh, India to Tibetan Autonomous Region, China.

Naku La is a pass is at an altitude of more than 5,000 metres above the mean sea level in Sikkim.

Q.222) Consider the following statements:

- 1. SWAN comet appears in inner Solar System every 76 years.
- 2. Next appearance of Halley's Comet in inner Solar System is predicted to be in 2061.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. C/2020 F8 (SWAN) or **Comet SWAN** is a newly discovered comet; it was discovered on April 11, 2020 by analyzing data from SWAN camera (Solar Wind Anisotropies instrument) of **NASA's Solar and Heliospheric Observatory (SOHO)**. Comet SWAN was closest to Earth on May 12 to May 13, passing by from a distance of about 0.56 astronomical units - more than half the distance to the Sun. Its periodic cycle around Sun is yet to be predicted accurately, some simulations suggest it could be around 25 million years.

Halley's Comet was discovered by Edmond Halley (1656-1742), Halley correctly predicted the comet's return in 1758-1759 — 16 years after his death.

Statement 2 is correct. Halley was last seen in Earth's skies in 1986. It will return in 2061 on its regular 76-year journey around the Sun.

Q.223) Article 23 of the Indian Constitution provides:

- 1. Prohibition of traffic in human beings
- 2. Prohibition of employment of children in factories
- 3. Prohibition of forced labour
- 4. Authority of state to impose compulsory service for public purpose

Select the correct answer using the code given below:

- a) 1, 2 and 3 only
- b) 2, 3 and 4 only
- c) 1, 3 and 4 only
- d) All of the above

Correct answer: C

Explanation: Prohibition of employment of children in factories is provided by article 24 of the constitution.

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Article 23 in the Constitution of India provides:

“Prohibition of traffic in human beings and forced labour

(1) Traffic in human beings and begar and other similar forms of forced labour are prohibited and any contravention of this provision shall be an offence punishable in accordance with law

(2) Nothing in this article shall prevent the State from imposing compulsory service for public purpose, and in imposing such service the State shall not make any discrimination on grounds only of religion, race, caste or class or any of them”.

Q.224) Consider the following statements regarding **Gandhi Peace Prize**:

1. It is awarded by Government of India.
2. The award is honorary and does not have monetary value.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: A

Explanation: Statement 1 is correct. Gandhi Peace Prize Awards given by Government of India is for **Social, Economic and Political transformation through Non-violence**; it was instituted in the year 1995. The Award can be divided between two persons / institutions that are considered by the Jury to be equally deserving of recognition. Posthumous awards are not given; if, however, the death occurred after a proposal having been submitted to the Jury, then a Posthumous Award may be made.

Statement 2 is incorrect. **The Award comprises an amount of Rs. One Crore and Citation.**

Q.225) Which of the following fundamental conventions of **International Labour Organization (ILO)** have been ratified by India till date?

1. Minimum Age Convention
2. Worst forms of Child Labour Convention
3. Freedom of Association and Protection of Right to Organised Convention

Select the correct answer using the code given below:

- a) 1 and 2 only
- b) 2 only
- c) 2 and 3 only
- d) All of the above

Correct answer: A

Explanation: India has ratified 6 out of 8 core ILO conventions. These are:

- Forced Labour Convention (No. 29)
- Abolition of Forced Labour Convention (No.105)
- Equal Remuneration Convention (No.100)
- Discrimination (Employment Occupation) Convention (No.111)
- Minimum Age Convention (No.138)
- Worst forms of Child Labour Convention (No.182)

India is yet to ratify Freedom of Association and Protection of Right to Organised Convention (No.87) and Right to Organise and Collective Bargaining Convention (No.98).

Q.226) Which of the following are potential outcomes of **Gig Economy**?

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1. freedom and flexibility of employment
2. inconsistent income
3. full-time employment opportunities

Select the correct answer using the code given below:

- a) 1 and 2 only
- b) 2 only
- c) 3 only
- d) All of the above

Correct answer: A

Explanation: Gig economy refers to economic activities that **involve the use of temporary or freelance workers** to perform jobs.

Option 1 is correct. Working in the gig economy provides freedom and flexibility, as a gig worker, you get to choose when and where you work.

Option 2 is correct. Gig work comes with inconsistent income since one only get paid when they're doing gigs. Unlike a traditional job gig work income is not guaranteed and can fluctuate up and down.

Option 3 is incorrect. Full-time employment is feature of traditional economy and not gig economy.

Q.227) Consider the following statements regarding the **Code on Wages, 2019**:

1. The floor wages are to be fixed by Central government.
2. The Central government is to fix only one floor wage at National level.
2. The minimum wages decided must be higher than the floor wage.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All of the above

Correct answer: C

Explanation: Statement 1 is correct. According to the Code, the **central government will fix a floor wage**, taking into account living standards of workers.

Statement 2 is incorrect. **Central government may set different floor wages for different geographical areas.** Before fixing the floor wage, the central government may obtain the advice of the Central Advisory Board and may consult with state governments.

Statement 3 is correct. The **minimum wages decided by the central or state governments must be higher than the floor wage.** In case the existing minimum wages fixed by the central or state governments are higher than the floor wage, they cannot reduce the minimum wages.

Q.228) Consider the following statements:

1. Health, hospitals and dispensaries are part of State list under seventh schedule.
2. Health expenditure forms almost three percent of GDP in budget 2020-21.

Which of the statements given above is/are correct?

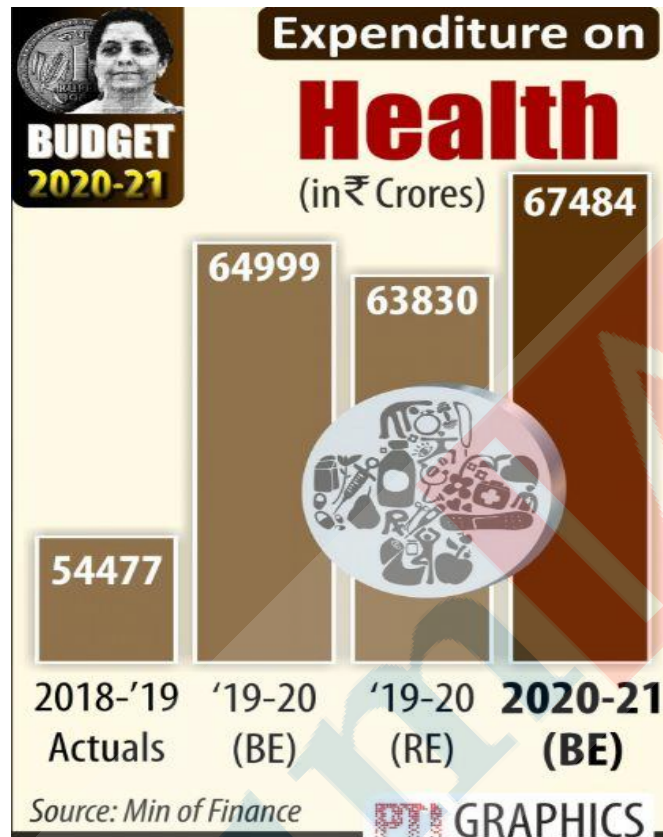
- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: A

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Explanation: Statement 1 is correct. **Public health and sanitation; hospitals and dispensaries are part of State list** in seventh schedule.

Statement 2 is incorrect. Government has target of expenditure on health as 2.5 percent of GDP by 2025. It has been around 1.5 percent in last few years.



Q.229) Which of the following is/are currently listed as essential commodity in the **Essential Commodities Act, 1955**?

1. Petroleum
 2. Drugs
 3. Raw jute and jute textiles
- Select the correct answer using the code given below:
- a) 1 only
 - b) 2 and 3 only
 - c) 3 only
 - d) All of the above

Correct answer: D

Explanation: All are part of Schedule listing essential commodities.

Section 2A of the **Essential Commodities Act, 1955** states “for the purposes of this Act, “essential commodity” means a commodity specified in the Schedule.”

The schedule contains **drugs, fertilizer, whether inorganic, organic or mixed; foodstuffs**, including edible oilseeds and oils; **petroleum and petroleum products; raw jute and jute textiles; seeds** etc.

Q.230) Which of the following countries share border with **Afghanistan**?

1. India

2. Turkmenistan
3. China

Select the correct answer using the code given below:

- a) 1 and 2 only
- b) 2 only
- c) 1 and 3 only
- d) All of the above

Correct answer: D

Explanation: Afghanistan is a mountainous landlocked country in Central Asia bordered by Tajikistan, Turkmenistan, and Uzbekistan to the north, Iran in west, Pakistan in east and south and it has a small stretch of border in north east with both China and India (Pakistan occupied Kashmir).



Q.231) Consider the following statements regarding **Cyclone Amphan**:

1. It is a temperate cyclone moving along Western disturbances.
2. Cyclone name Amphan was proposed by Pakistan.

Which of the above statements is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: D

Explanation: Statement 1 is incorrect. **Amphan** is a tropical cyclone developed over Bay of Bengal while a western disturbance is an extratropical storm originating in the

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Mediterranean region that brings sudden winter rain to the northwestern parts of the Indian subcontinent.

Statement 2 is incorrect. The **Cyclone name Amphan was suggested by Thailand**. The existing list of cyclone names, which was prepared by meteorological departments of eight countries in 2004, has been exhausted with Amphan and new list with 13 names proposed by 13 countries has been released.

New List of Names for Tropical Cyclone over North Indian Ocean													The Weather Channel
Place	List 1	List 2	List 3	List 4	List 5	List 6	List 7	List 8	List 9	List 10	List 11	List 12	List 13
Bangladesh	Nisarga	Biparjoy	Arnab	Upakul	Barshan	Rajani	Nishith	Urmi	Meghala	Samiran	Pratikul	Sarobar	Mahanisha
India	Gati	Tej	Murasu	Aag	Vyom	Jhar	Probaho	Neer	Prabhanjan	Ghurni	Ambud	Jaladhi	Vega
Iran	Nivar	Hamaon	Akvan	Sepand	Booran	Anahita	Azar	Pooyan	Arsham	Hengame	Savas	Tahamtan	Taofan
Maldives	Burevi	Midhilli	Kaani	Odi	Kenau	Endheri	Riyau	Guruva	Kurangl	Kuredhi	Horangu	Thundi	Fanaa
Myanmar	Tauktae	Michaung	Ngamann	Kyarhit	Sapakyee	Wetwun	Mwaihout	Kywe	Pinku	Yinkaung	Linyone	Kyeekan	Bautphot
Oman	Yaas	Remal	Sail	Naseem	Muzn	Sadeem	Dima	Manjour	Rukam	Watad	Al-Jarz	Robab	Raad
Pakistan	Gulab	Asna	Sahab	Afshan	Manahil	Shujana	Parwaz	Zannata	Sarsar	Badban	Sarrab	Gulnar	Waseq
Qatar	Shaheen	Dana	Lulu	Mouj	Suhail	Sadaf	Reem	Rayhan	Anbar	Oud	Bahar	Seef	Fanar
Saudi Arabia	Jawad	Fengal	Ghazeer	Asif	Sidrah	Hareed	Faid	Kaseer	Nakheel	Habaab	Bareq	Alreem	Wabil
Sri Lanka	Asani	Shakhti	Gigum	Gagana	Verambha	Garjana	Neeba	Ninnada	Viduli	Ogha	Salitha	Rivi	Rudu
Thailand	Sitrang	Montha	Thianyt	Bulan	Phutala	Alyara	Saming	Kraison	Matcha	Mahingsa	Phraewa	Asuri	Thara
United Arab Emirates	Mandous	Senyar	Aloor	Nahhaam	Quffal	Daaman	Deem	Gargoos	Khubb	Degl	Athmad	Boom	Saffar
Yemen	Mocha	Dihwah	Diksam	Sira	Bakhur	Ghwyzi	Hawf	Balhaf	Brom	Shuqra	Fartak	Darsah	Samhah

Q.232) Consider the following statements regarding announcements under **Atmanirbhar Bharat Abhiyan**:

1. DIKSHA platform to provide content for school education.
2. Manodarpan initiative for psychological support and counselling of students, teachers and families.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

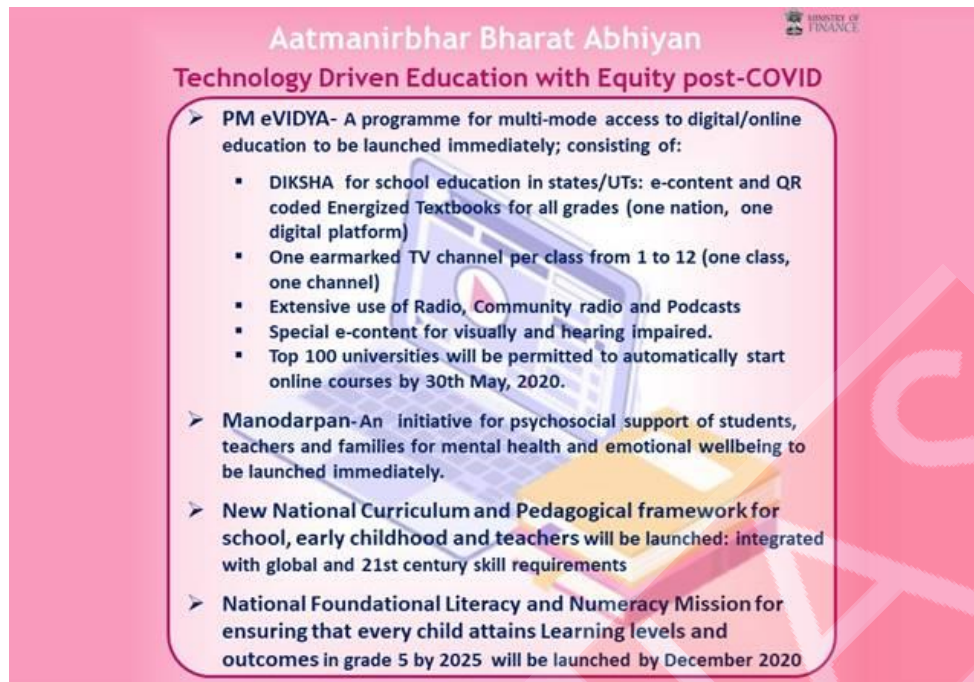
Correct answer: C

Explanation: Both statements are correct.

DIKSHA as **'one nation, one digital platform' for school education**. It will provide e-content and QR coded energized textbooks for all grades. DIKSHA has content in 14 languages - Assamese, Bengali, English, Gujarati, Hindi, Kannada, Malayalam, Marathi, Odia, Sindhi, Tamil, Telugu, Urdu, Chhattisgarhi.

Manordarpan initiative is announced for psychological support and counselling of students, teachers and families for mental health and emotional well-being.

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Q.233) Consider the following statements regarding **Direct Seeded Rice (DSR)**:

1. It is based on direct seeding rather than transplanting plants from nursery to fields.
2. It has less water and labour requirements than conventional transplanting-based rice farming.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Both statements are correct.

Transplanting after repeated puddling is the conventional method of rice growing which is water intensive and cumbersome and laborious. Different problems like lowering water table, scarcity of labour during peak periods, deteriorating soil health demands some alternative establishment method to sustain productivity of rice as well as natural resources.

The **DSR technique is less time consuming and labour intensive** than the conventional practice. The DSR technique called '**tar-wattar DSR**' has been developed and successfully tested on a good scale at farmers' fields. It helps in saving irrigation water, there's lesser weed problem, besides there is reduced incidence of nutrient deficiency, especially iron, owing to lesser leaching of nutrients and deeper root development.

Q.234) Consider the following statements regarding **Kaleshwaram Project**:

1. It is a multistage multipurpose lift irrigation project.
2. The project is built on the Kaveri River.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

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Correct answer: A

Explanation: Statement 1 is correct. **Kaleshwaram Lift Irrigation Project** is a multi-purpose irrigation project designed to irrigate 45 lakh acres for two crops in a year, meet the drinking water requirement of 70 percent of the state (Telangana) and cater to the needs of the industry as well.

Statement 2 is incorrect. It is built on Godavari River with farthest upstream influence at the confluence of the Pranhita and Godavari.

Q.235) Consider the following statements regarding **Sovereign Gold Bond** scheme:

1. The bonds are issued by the Reserve Bank of India (RBI) on behalf of the government.
2. Minimum eligible investment in the bond is one gram and maximum limit is 4 kg for individuals.
3. The tenor of the Bond is 8 years with no exit option before maturity.

Which of the statements given above is/are correct?

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All of the above

Correct answer: A

Explanation: **SGBs are government securities denominated in grams of gold.** They are substitutes for holding physical gold.

Statement 1 is correct. The Bond is issued by **Reserve Bank on behalf of Government of India.**

Statement 2 is correct. The Bonds are issued in **denominations of one gram of gold** and in multiples thereof. Minimum investment in the Bond is one gram with a maximum limit of subscription of **4 kg for individuals, 4 kg for Hindu Undivided Family (HUF) and 20 kg for trusts.**

Statement 3 is incorrect. Though the **tenor of the bond is 8 years**, early encashment/redemption of the bond is allowed **after fifth year** from the date of issue on coupon payment dates. The bond will be tradable on Exchanges, if held in demat form. It can also be transferred to any other eligible investor.

Q.236) Consider the following statements regarding **Indian Meteorological Department's** weather alerts:

1. An 'Orange' warning stands for 'alert' and authorities are expected to 'be prepared'.
2. A 'Red' alert stands for 'warning' and asks authorities to 'take action'.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Both statements are correct.

India Meteorological Department was established in 1875. It is the National Meteorological Service of the country and the principal government agency in all matters relating to meteorology, seismology and allied subjects.

Alerts by the IMD are colour-coded: **'Green' stands for 'No warning', 'Yellow' alert signifies "Watch",** and authorities are advised to "Be updated" on the situation, **'Orange'**

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warning stands for “Alert”, and authorities are expected to “Be prepared” and a ‘Red’ **alert stands for “Warning”** and asks authorities to “Take action”.

Q.237) Consider the following statements:

1. Central government has raised the borrowing limit of States unconditionally to five percent of GSDP in response to COVID-19.
2. A State requires the consent of the Government of India for raising new loan if it has outstanding any part of a loan guaranteed by Government of India.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. Central government has raised the borrowing limits for state governments to **five percent from three percent in view of financial crisis due to COVID-19**. This however is **not unconditional**:

An increase of 0.5 percentage points is unconditional.

A further increase of 1 percentage point will be released in four tranches of 0.25 percentage points each, linked to state performance in four areas: **One nation, one ration card scheme; ease of doing business; reforms of power sector distribution companies; reforms of urban local bodies.**

The final 0.5 percentage points in increased borrowing limit will be unlocked if targets are met in three of the four outlined areas.

Statement 2 is correct. As per **article 293 (3) of the constitution** “a State may not without the consent of the Government of India raise any loan if there is still outstanding any part of a loan which has been made to the State by the Government of India or by its predecessor Government, or in respect of which a guarantee has been given by the Government of India or by its predecessor Government.”

Q.238) Consider the following statements regarding governance of **World Health Organisation**:

1. Executive board members are designated by Member States that have been elected to serve by the World Health Assembly.
2. India is set to retire from chairmanship of Executive board in 2020.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: A

Explanation: Statement 1 is correct. **The Executive Board of World Health Organisation** is composed of 34 persons who are technically qualified in the field of health, each designated by a Member State that has been elected to serve by the World Health Assembly. Member States are elected for three-year terms. The main functions of the Board are to implement the decisions and policies of the Health Assembly and advise and generally to facilitate its work.

Statement 2 is incorrect. India is expected to take chairmanship of Executive Board in 2020 in ongoing World Health Assembly.

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Q.239) Consider the following statements:

1. Central Electricity Authority of India is a statutory body.
2. Generation of electricity except by nuclear and hydro projects of notified size was delicensed by Electricity Act, 2003.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Statement 1 is correct. **Central Electricity Authority is a statutory body established under Section 70 of the Electricity Act, 2003.** The Authority consists of not more than fourteen Members (including its Chairperson) of whom not more than eight are full-time Members appointed by the Central Government. The Central Government may appoint any person, eligible to be appointed as Member of the Authority and as the Chairperson of the Authority.

Statement 2 is correct. The Electricity Act 2003 is the parent legislation governing the electricity sector in India (other than nuclear energy, which is governed by the Atomic Energy Act 1962). Under the act **generation of electricity (including captive generation) is a delicensed activity (other than for hydro projects exceeding the notified capital cost, for which an approval of the CEA is required).**

Q.240) What is “**Pinanga andamanensis**” that has been in news recently?

- a) a rare snake species
- b) an animal disease infecting cattle
- c) a palm species endemic to the South Andaman Island
- d) rice variety cultivated by Negrito tribes

Correct answer: C

Explanation: *Pinanga andamanensis* is a species of **endemic palms in the Andaman Islands**. It resembles the areca palm to which it is closely related. But its entire population of some 600 specimens naturally occurs only in a tiny, evergreen forest pocket in South Andaman’s **Mount Harriet National Park**.

Q.241) Consider the following statements regarding naming of **Cyclones in Indian Ocean**:

1. Regional Specialised Meteorological Centre, Delhi is responsible to name the tropical cyclones that form over Bay of Bengal and the Arabian Sea.
2. Eight countries have proposed names of future cyclones over Bay of Bengal and the Arabian Sea after Amphan cyclone.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: A

Explanation: Statement 1 is correct. The **RSMC New Delhi (IMD) Tropical Cyclone Center** is responsible to name the tropical cyclones that have formed over the Bay of Bengal and the Arabian Sea when they have reached the relevant intensity.

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Statement 2 is incorrect. The naming of the tropical cyclones over north Indian Ocean commenced from September 2004, with names provided by eight Members. Since then, five countries have joined the Panel. **The list of 169 cyclone names released by IMD in April 2020, were provided by these countries with 13 suggestions from each of the 13 countries.**

New List of Names for Tropical Cyclone over North Indian Ocean													The Weather Channel
Place	List 1	List 2	List 3	List 4	List 5	List 6	List 7	List 8	List 9	List 10	List 11	List 12	List 13
Bangladesh	Nisarga	Biparjoy	Arnab	Upakul	Barshon	Rajani	Nishith	Urmi	Meghala	Samiran	Pratikul	Sarobar	Mahanisha
India	Gatli	Tej	Murasu	Aag	Vyom	Jhar	Probaho	Neer	Prabhanjan	Ghurmi	Ambud	Jaladhi	Vega
Iran	Nivar	Hamoon	Akvan	Sepand	Booran	Anahita	Azar	Pooyan	Arsham	Hengame	Savas	Tahamtan	Toofan
Maldives	Burevi	Midhili	Kaani	Odi	Kenau	Endheri	Riyau	Guruva	Kurangl	Kuredhi	Horangu	Thundi	Faana
Myanmar	Tauktae	Michaung	Ngomann	Kyarhit	Sapakyee	Wetwun	Mwaihout	Kywe	Pinku	Yinkaung	Linyone	Kyeekan	Bautphot
Oman	Yaas	Remal	Sail	Naseem	Muzn	Sadeem	Dima	Manjour	Rukam	Watad	Al-Jarz	Rabab	Raad
Pakistan	Gulab	Asna	Sahab	Afshan	Manahil	Shujana	Parwaz	Zannata	Sarsar	Badban	Sarrab	Gulnar	Waseq
Qatar	Shaheen	Dana	Lulu	Mouj	Suhail	Sadaf	Reem	Rayhan	Anbar	Oud	Bahar	Seef	Fanar
Saudi Arabia	Jawad	Fengal	Ghazeer	Asif	Sidrah	Hareed	Faid	Kaseer	Nakheel	Haboob	Bareq	Alreem	Wabil
Sri Lanka	Asani	Shakhti	Gigum	Gagana	Verambha	Garjana	Neeba	Ninnada	Vidull	Ogha	Salitha	Rivi	Rudu
Thailand	Sitrang	Montha	Thianyt	Bulan	Phutala	Aiyara	Saming	Kraison	Matcha	Mahinga	Phraewa	Asuri	Thara
United Arab Emirates	Mandous	Senyar	Afoor	Nahhaam	Quffal	Daaman	Deem	Gargoor	Khubb	Degl	Athmad	Boom	Saffar
Yemen	Mocha	Ditwah	Diksam	Sira	Bakhur	Ghwyzi	Hawf	Balhaf	Brom	Shugra	Fartak	Darsah	Samhah

Q.242) The **Novikov and Long Telegram** are related to:

- First ever use of telegram
- Telegram declaring United States of America's Independence
- Telegram declaring end of World War II
- Telegrams related to Soviet Russia's and USA's strategies post World War II

Correct answer: D

Explanation: In 1946, **George Kennan**, an official at the US Embassy in Moscow, was asked to provide a summary of what the Soviets were up to and their intentions in Eastern Europe. Kennan's response became known as The Long Telegram.

The **Soviet response to The Long Telegram was The Novikov Telegram**, in which the Soviet ambassador to the USA, Nikolai Novikov, warned that the USA had emerged from World War II economically strong and bent on world domination.

Q.243) Which of the following are the agricultural measures announced under the **Atmanirbhar Bharat Abhiyan**?

- support for formalization of micro-food enterprises
- monetary stimulus for vaccination of cattle, buffalos, sheep, goats and pigs
- fund for farm-gate infrastructure
- privatization of Food Corporation of India

Select the correct answer using the code given below:

- 1, 3 and 4 only
- 1, 2 and 3 only
- 2, 3 and 4 only
- All of the above

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Correct answer: B

Explanation: Privatization of FCI has not been proposed.

Some of the agricultural measures announced under Atmanirbhar Bharat Abhiyan are:

Rs 1 lakh crore Agriculture Infrastructure Fund for agricultural cooperative societies, farmer producer organizations and start-ups for boosting farm-gate infrastructure.

Rs 10,000 crore for formalization of micro-food enterprises, cluster-based farming approach to be followed.

PM Matsya Sampadana Yojana: Rs 20,000 crore allocated.

Rs 13,000 crore support to achieve 100% vaccination of cattle, buffalos, sheep, goats and pigs while Rs 15,000 crore has been granted for animal husbandry infrastructure.

Rs 4,000 crore allotted for promotion of herbal cultivation. Beekeeping initiatives have been assigned ₹500 crore.

The Essential Commodities Act, 1955, is to be amended to de-regulate cereals, edible oils, oilseeds, pulses, onion and potato.

Marketing reforms will be undertaken to provide adequate choice for farmers to sell produce at prices of their choice.

Q.244) Consider the following statements regarding **Quad group countries**:

1. There is no member in the group from Europe, South America, Australia and Africa continent.

2. No member of the group is a permanent member of United Nations Security Council.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: D

Explanation: Quad group or The Quadrilateral Security Dialogue (QSD) includes: **The United States, Japan, Australia and India.**

Statement 1 is incorrect. Australia is part of the group.

Statement 2 is incorrect. Five permanent members of UNSC are: China, France, Russian Federation, the United Kingdom, and the *United States of America*.

Q.245) Consider the following statements:

1. Haemoglobin is an oxygen carrying protein found in the red blood cells.

2. Pulse oximetry is a test used to measure the oxygen level in the blood.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Statement 1 is correct. **Haemoglobin (Hb)** is the iron-containing oxygen-transport metalloprotein in the red blood cells that **carries oxygen from lungs to the rest of the body and gives blood its red colour.**

Statement 2 is correct. **Pulse oximetry** is a noninvasive method for monitoring a person's oxygen saturation. It is a painless measure of how well oxygen is being sent to parts of your body furthest from your heart, such as the arms and legs.

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It has been observed that a pulse oximeter can help identify a potentially deadly condition in Covid-19 patients called 'Covid pneumonia' sooner and more effectively.

Q.246) Consider the following statements regarding **LCA Tejas**:

1. It is a Multi-Role Hypersonic Fighter Aircraft.

2. It is double engine combat aircraft.

Which of the statements given above is/are correct?

a) 1 only

b) 2 only

c) Both 1 and 2

d) Neither 1 nor 2

Correct answer: D

Explanation: Statement 1 is incorrect. **Tejas Light Combat Aircraft (LCA)** together with its variants is the smallest and lightest **Multi-Role Supersonic Fighter Aircraft of its class**. It is not a hypersonic aircraft.

A supersonic aircraft is an aircraft able to fly faster than the speed of sound (Mach 1), while hypersonic speed of above Mach 5 is much greater than speed of sound.

Statement 2 is incorrect. **LCA Tejas is a delta wing single engine aircraft**; it has been designed and developed by the Aeronautical Development Agency (ADA) and Hindustan Aeronautics Limited (HAL).

Q.247) Consider the following statements regarding **Indo-U.S. Vaccine Action Program (VAP)**:

1. The Department of Biotechnology (DBT), Ministry of Science and Technology is the nodal agencies for the program in India.

2. COVID-19 vaccine development is the first collaboration under the program.

Which of the statements given above is/are correct?

a) 1 only

b) 2 only

c) Both 1 and 2

d) Neither 1 nor 2

Correct answer: A

Explanation: The **Indo-U.S. Vaccine Action Program (VAP)** is a bilateral program, which supports a broad spectrum of activities relating to immunization and vaccine related research. All work is carried out within areas designated as priorities by the VAP Joint Working Group (JWG), which is comprised of scientists and officials from both countries.

Statement 1 is correct. The "**nodal agencies**" for this cooperation are **India's Department of Biotechnology (DBT)**, Ministry of Science and Technology, and the **National Institute of Allergy and Infectious Diseases (NIAID)**, National Institutes of Health, of the U.S. Department of Health and Human Services.

Statement 2 is incorrect. The programme is under implementation since July, 1987 under the **Gandhi-Reagan Science & Technology Agreement**. The program has been working on dengue, enteric diseases, influenza (including avian influenza), malaria, and tuberculosis (TB) diseases.

Q.248) Consider the following statements regarding **Amphan Cyclone**:

1. It is a clockwise rotating tropical cyclone.

2. It developed over Arabian Sea before moving towards India's coastline.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: D

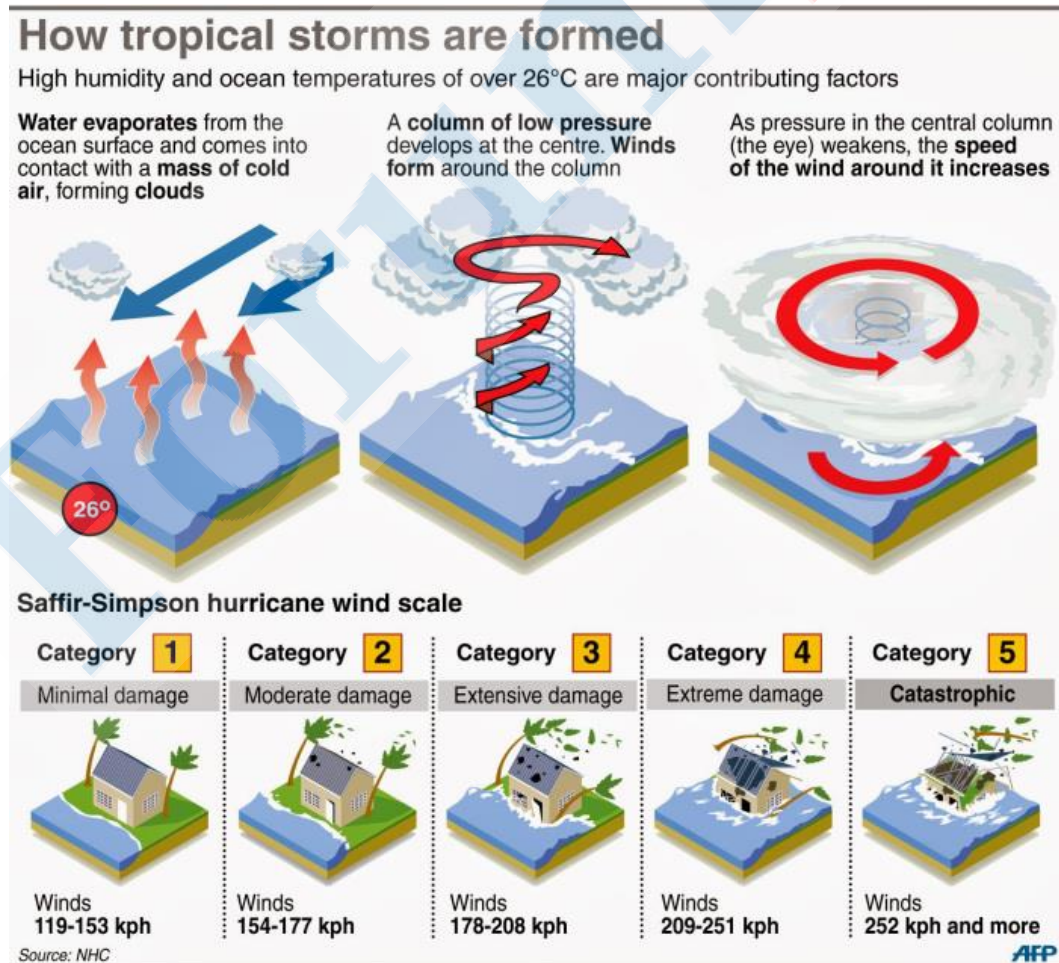
Explanation: Statement 1 is incorrect. The winds of the cyclone are driven by low-pressure core and the rotation of Earth which deflects the path of the wind (**Coriolis force**). Therefore, tropical cyclones rotate in a **counterclockwise direction in the Northern Hemisphere** and in a **clockwise direction in the Southern Hemisphere**. Amphan cyclone developed in northern hemisphere rotates counterclockwise. Statement 2 is incorrect. Amphan cyclone developed over **Bay of Bengal**, not Arabian Sea.

Q.249) The **Saffir-Simpson scale** is a measurement of:

- a) Geographical spread of a pandemic
- b) Strategic autonomy of a country
- c) Intensity of sustained winds of Hurricanes
- d) Migration of people

Correct answer: C

Explanation: The **Saffir-Simpson Hurricane Wind Scale** is a **1 to 5 rating** based on a hurricane's sustained wind speed. This scale can estimate the potential property damage due to sustained winds of a hurricane.



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Q.250) Consider the following statements regarding **Model Agricultural Produce and Livestock Marketing Act, 2017**:

1. A State government may declare the state as a single unified market area with single license applicable for the trade of agricultural produce and livestock.
2. Private market yards may be set up by private individuals to facilitate operations of traders and commission agents.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Both statements are correct.

Some of the features of the **Model Agricultural Produce and Livestock Marketing Act, 2017** are:

- A state government may declare the whole state as a **single unified market** area where a single license will be applicable for the trade of agricultural produce and livestock.
- A **Market Committee** will manage market yards in a specified area. The Market Committee shall levy a market fee from a buyer on sale of notified agricultural produce and livestock.
- A **private market yard** may be set up by private individuals to facilitate operations of traders, and commission agents. These can also include farmer-consumer market yards.

Q.251) Which of the following statements is/are correct regarding **Solar Minimum**?

1. Sunspot count is relatively low during the Solar minimum.
2. It is a periodic phenomenon.

Select the correct answer using the code given below:

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Both statements are correct.

Sunspots are areas that appear dark on the surface of the Sun. They appear dark because they are cooler than other parts of the Sun's surface. They are strongly magnetized, and they crackle with solar flares—magnetic explosions that illuminate Earth with flashes of X-rays and extreme ultraviolet radiation.

Almost every 11 years sunspots fade away, which is called Solar Minimum. Sunspot counts were relatively high in 2014, and now they are sliding toward a low point in 2019-2020.

Q.252) Consider the following statements regarding announcements made under **Atmanirbhar Bharat Abhiyan**:

1. FDI limit in the Defence manufacturing under automatic route to be raised to hundred percent.
2. Commercial Mining and revenue sharing model to be introduced in Coal Sector.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only

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- c) Both 1 and 2
d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. It has been announced that FDI limit in the **Defence manufacturing** under automatic route will be raised from **49% to 74%**.

Statement 2 is correct. The Government will introduce competition, transparency and private sector participation in the Coal Sector through a **revenue sharing mechanism** instead of regime of fixed Rupee/tonne. Any party can bid for a coal block and sell in the open market.

Finance Minister Nirmala Sitharaman announced a set of structural reforms across sectors as a part of the efforts to boost a sagging economy

 COAL Commercial mining on a revenue sharing basis to be introduced. Companies in the private sector will be allowed to carry out exploration	 MINERALS Composite exploration-cum-mining-cum-production regime for minerals to be announced. 500 mining blocks will be auctioned	 DEFENCE A list of weapons/platforms for ban on import will be notified. FDI limit in manufacturing under automatic route to be raised to 74%	 CIVIL AVIATION Restrictions on utilisation of the airspace will be eased so that flying becomes efficient. Now, only 60% of the airspace is freely available	 POWER Power departments/utilities and distribution companies in U.T.s to be privatised. It will be in line with the tariff policy which is to be announced
 SPACE Privatisation to be introduced. Planetary exploration, outer space travel to be opened to the private sector	 ATOMIC ENERGY Research reactor in PPP mode to be set up for the production of medical isotopes			



Q.253) Which of the following has launched the 'Accelerating India's COVID-19 Social Protection Response Program'?

- a) Asian Development Bank
b) World Bank
c) NITI Aayog
d) Bill & Melinda Gates Foundation

Correct answer: B

Explanation: **World Bank** has approved one billion US dollar '**Accelerating India's COVID-19 Social Protection Response Programme**' to support India. An immediate allocation of 750 million USD for fiscal year 2020 and a 250 million USD second tranche that will be made available for fiscal year 2021. The program will support India's efforts at providing social assistance to the poor and vulnerable households, severely impacted by the COVID-19 pandemic.

The first phase of the operation will be implemented country wide through the Pradhan Mantri Garib Kalyan Yojana. In the second phase, the programme will further the social protection package, whereby additional cash and in-kind benefits based on local needs will be provided.

Q.254) Which of the following can be measured using Doppler Radar?

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1. Speed of the target
2. Direction of the target

Select the correct answer using the code given below:

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Doppler Effect refers to an increase or decrease in the frequency of sound, light, or other waves as the source and observer move towards or away from each other.

On a Doppler system, microwaves are sent out and received continuously, for a non-mobile target; the returning waves have same frequency as the transmitted wave. This returning frequency is higher if the target is moving towards the antenna and is lower if the target is moving away from the antenna.

The difference between the transmitted and the returned frequency can be used to measure the speed of the target to or from the antenna. The Doppler radar used in weather forecasting measures the direction and speed, or **velocity**, of objects such as drops of precipitation.

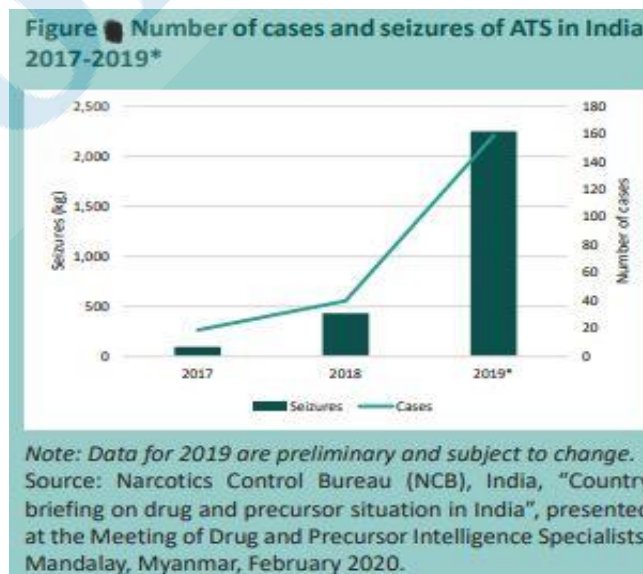
Q.255) Which of the following has released the report ‘Synthetic Drugs in East and Southeast Asia’?

- a) National Institute on Drug Abuse (NIDA), USA
- b) United Nations Office on Drugs and Crime (UNODC)
- c) International Criminal Police Organisation (Interpol)
- d) Central Drugs Standard Control Organisation (CDSCO)

Correct answer: B

Explanation: ‘Synthetic Drugs in East and Southeast Asia’ report from the **United Nations Office on Drugs and Crime (UNODC)** warns that the synthetic drug market in East and Southeast Asia continues to expand and diversify, and the price of methamphetamine has dropped to the lowest level in a decade as the supply has surged.

India reported a substantial increase in seizures of amphetamine-type stimulants (ATS), up from 431 kg in 2018 to more than 2.2 tonnes in 2019.



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Q.256) Consider the following statements regarding **External Commercial Borrowings**:

1. It includes the commercial borrowings from Multilateral Financial Institutions.
2. It forms part of Capital account under Balance of Payments.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Statement 1 is correct. **External Commercial Borrowings (ECBs)** includes commercial bank loans, buyers' credit, suppliers' credit, securitized instruments, credit from official export credit agencies and commercial borrowings from Multilateral Financial Institutions.

Statement 2 is correct. The **Capital account under Balance of payments** include foreign direct investment, foreign institutional investment/ ADR/GDR, external commercial borrowing (ECBs)/foreign currency convertible bonds (FCCBs), trade credit, NRI deposits and other banking liabilities/assets.

Q.257) Consider the following statements regarding **Ayushman Bharat Yojana**:

1. Medical Council of India is responsible for implementation of the scheme.
2. The testing and treatment of COVID-19 is insured for eligible people under the scheme.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Ayushman Bharat PM-JAY aims at providing a health cover of Rs. 5 lakhs per family per year for secondary and tertiary care hospitalization. The households included are based on the deprivation and occupational criteria of Socio-Economic Caste Census 2011 (SECC 2011).

Statement 1 is incorrect. **National Health Authority (NHA)** is the apex body responsible for implementing India's flagship public health insurance/assurance scheme "Ayushman Bharat Pradhan Mantri Jan Arogya Yojana." The NHA is governed by a Governing Board chaired by the Union Minister for Health and Family Welfare

Statement 2 is correct. In view of current pandemic, National Health Authority notified the testing and treatment of eligible beneficiaries under the Ayushman Bharat scheme.

Q.258) Which of the following is/are measures announced under **Atmanirbhar Bharat Abhiyan regarding the defence sector**?

1. Corporatisation of Ordnance Factory Boards
2. List of weapons/platforms for ban on import to be notified
3. Increase in FDI limit in the Defence manufacturing under automatic route

Select the correct answer using the code given below:

- a) 1 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All of the above

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Correct answer: D

Explanation: Several prospective reforms were announced for defence sector under Atmanirbhar Bharat Abhiyan:

'Make in India' for Self-Reliance in Defence Production will be promoted by notifying a list of **weapons/platforms for ban on import** with year wise timelines, Indigenisation of imported spares, and separate budget provisioning for domestic capital procurement.

Improve autonomy, accountability and efficiency in Ordnance Supplies by **Corporatisation of Ordnance Factory Board**.

FDI limit in the Defence manufacturing under automatic route will be raised from 49% to 74%.

There will be time-bound defence procurement process and faster decision making will be ushered in by setting up of a Project Management Unit (PMU) to support contract management; Realistic setting of General Staff Qualitative Requirements (GSQRs) of weapons/platforms and overhauling Trial and Testing procedures.

Q.259) Consider the following statements regarding the **Epidemic Diseases Act, 1897**:

1. Disobeying an order made under the act is a punishable offence.
2. The act provides protection against legal proceedings for anything done under the act in good faith.
3. The State government is empowered to take measures for the inspection of persons travelling by railways.

Which of the statements given above is/are correct?

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All of the above

Correct answer: D

Explanation: All statements are correct.

The clause 3 of the act states that any person disobeying any regulation or order made under this Act shall be deemed to have committed an **offence punishable under section 188** of the Indian Penal Code.

The clause 4 of the act states that no suit or other legal proceeding shall lie against any person for anything done or in **good faith intended** to be done under this Act.

The act empowers the State government (clause 2) to take measures and prescribe regulations for the inspection of persons travelling by railway or otherwise suspected of being infected with any such disease.

Q.260) Consider the following statements regarding **Public Sector Enterprise Policy** proposed under **Atmanirbhar Bharat Abhiyan**:

1. In strategic sectors, at least one enterprise will remain in the public sector.
2. Ministry of Heavy Industries and Public Enterprises to be dissolved.
3. Private sector to be allowed to invest in strategic sectors.

Which of the statements given above is/are correct?

- a) 1 only
- b) 1 and 2 only
- c) 1 and 3 only
- d) All of the above

Correct answer: C

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Explanation: Statement 1 is correct. List of strategic sectors requiring presence of PSEs in public interest will be notified and in **strategic sectors**, at least **one enterprise will remain** in the public sector.

Statement 2 is incorrect. No such announcement has been made. The Ministry of Heavy Industries and Public Enterprises administers central public sector enterprises (PSEs) and assists them in their effort to improve capacity utilisation and increase profitability, generate resources and re-orient strategies to become more competitive.

Statement 3 is correct. To minimise wasteful administrative costs, number of enterprises in strategic sectors will ordinarily be only one to four; others will be **privatised/ merged/ brought under holding companies**.

Q.261) Consider the following statements regarding **National Credit Guarantee Trustee Company**:

1. It is a public private partnership company for providing Credit Guarantee to vulnerable borrowers.
2. It will provide credit guarantee of Rs 3 lakh crore to MSMEs under Emergency Credit Line Guarantee Scheme (ECLGS).

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. National Credit Guarantee Trustee Company Ltd (NCGTC) is a company incorporated under the Companies Act, established by the Department of Financial Services, Ministry of Finance, as **a wholly owned company of the Government of India**, to act as a common trustee company for multiple credit guarantee funds.

Statement 2 is correct. **Emergency Credit Line Guarantee Scheme (ECLGS)** to provide a credit guarantee of Rs 3 lakh crore to MSME sector in view of financial crisis due to COVID-19 was announced recently. Under the scheme 100% **guarantee coverage will be provided by National Credit Guarantee Trustee Company Limited (NCGTC)** to eligible MSMEs and interested borrowers of the MUDRA scheme, in the form of a Guaranteed Emergency Credit Line (GECL) facility.

Q.262) Which of the following place(s) in India is/are bordering Nepal?

1. Kalapani
2. Susta
3. Naku La

Select the correct answer using the code given below:

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All of the above

Correct answer: A

Explanation: Kalapani in Pithoragarh district of Uttarakhand borders Nepal.

Susta is in West Champaran district of Bihar bordering Nepal.

Naku La pass in Sikkim is at India-China border.

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Q.263) Consider the following statements regarding the **Rajiv Gandhi Kisan Nyaya Yojana**:

1. It is an income support scheme for rice, maize and sugarcane farmers of Chhattisgarh.
2. The support will be based on registered area and area under cultivation.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Both statements are correct.

Chhattisgarh government has launched Rajiv Gandhi Kisan Nyaya Yojana to provide **direct benefit income support for farmers**.

It is based on registered area and area under cultivation, rice and maize farmers would get Rs 10,000 an acre while sugarcane farmers would get Rs 13,000 in four installments.

Q.264) The **Shekatkar Committee** was set up with regards to:

- a) Police administration reforms
- b) Boundary settlement with Nepal
- c) Combat capability and Defence expenditure
- d) Central Armed Police Forces (CAPF) reforms

Correct answer: C

Explanation: The Shekatkar Committee was set up by the Government of India in 2016 to recommend measures on enhancing **Combat Capability and Rebalancing Defence Expenditure**. Recently government implemented three recommendations of Committee of Experts (CoE) under the Chairmanship of **Lt General D B Shekatkar (Retd)** relating to border Infrastructure.

- outsource road construction work beyond optimal capacity of **Border Roads Organisation (BRO)** and mandatory adoption of Engineering Procurement Contract (EPC) mode for execution of all works costing more than Rs 100 crore.

- introduction of modern construction plants, equipment and machinery has been implemented by delegating enhanced procurement powers from Rs 7.5 crore to Rs 100 crore to BRO.

- **land acquisition** and all statutory clearances like forest and environmental clearance are also made part of approval of **Detailed Project Report (DPR)**.

Q.265) Which of the following have been **indigenously developed** in India?

1. Mi-17 helicopter
2. INS Vikramaditya
3. Astra missile

Select the correct answer using the code given below:

- a) 1 only
- b) 2 and 3 only
- c) 3 only
- d) 1 and 3 only

Correct answer: C

Explanation: **Mi-17 is a Soviet/Russian** transport helicopter, also used by Indian Air Force.

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INS Vikramaditya is a modified Kiev-class aircraft carrier, it was **originally built as Baku** and commissioned in 1987, the carrier served with the Soviet Navy and later with the Russian Navy. The carrier was purchased by India and got **inducted into the Indian Navy in 2014**.

Astra is an all-weather beyond-visual-range air-to-air missile developed by the Defence Research and Development Organisation.

Q.266) Consider the following statements regarding **One Health** approach:

1. It is an international movement promoting herd immunity as solution for COVID-19.
2. It recognizes that health of people is closely connected to the health of animals and our shared environment.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. '**One Health**' is an approach to designing and implementing **programmes, policies, legislation and research** in which multiple sectors communicate and work together to achieve better public health outcomes.

Statement 2 is correct. It recognizes that the health of people is closely connected to the health of animals and our **shared environment**. Therefore, successful public health interventions require the cooperation of human, animal, and environmental health partners.

One Health issues include **zoonotic diseases, antimicrobial resistance, food safety** and food security, vector-borne diseases, environmental contamination, and other health threats shared by people, animals, and the environment.

Q.267) Consider the following statements regarding **Quantum Entanglement**:

1. It occurs when a group of particles are linked with each other but their quantum state can still be described independently.
2. It has applications in technologies of quantum computing and quantum cryptography.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. Quantum entanglement is a quantum mechanical phenomenon in which the quantum states of two or more objects **have to be described with reference to each other**, even though the individual objects may be spatially separated. They are linked in a way such that the **quantum state of each particle of the pair or group cannot be described independently** of the state of the others.

Statement 2 is correct. Quantum entanglement has applications in the emerging technologies of **quantum computing and quantum cryptography** and has been used to realize quantum teleportation experimentally.

Scientists from S. N. Bose National Centre for Basic Sciences (SNBNCBS), Kolkata, an autonomous institute of the Department of Science and Technology have developed a novel

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protocol to find out whether a pair of electrons is in an entangled state so that they can be safely used as resources for facilitating quantum information processing tasks.

Q.268) Consider the following statements regarding **Mahatma Gandhi National Rural Employment Guarantee Scheme**:

1. It is a Central Sector Scheme.
2. It aims to provide at least 100 days of wage employment in a financial year to every rural household whose adult members volunteer to do skilled work.
3. Gram Sabha is empowered to do the social audit of the projects within the Gram Panchayat.

Which of the statements given above is/are correct?

- a) 1 and 2 only
- b) 2 and 3 only
- c) 3 only
- d) All of the above

Correct answer: C

Explanation: Statement 1 is incorrect. The MGNREGA is part of the **Core of the Core Schemes and is implemented as a Centrally Sponsored Scheme** on a cost-sharing basis between the Centre and the States as determined by the Act.

The Act incentivises States to provide employment, as 100 per cent of the unskilled labour cost and 75% of the material cost of the programme is borne by the Central Government.

Statement 2 is incorrect. The mandate of the MGNREGA is to provide at least **100 days of guaranteed wage employment** in a financial year to every rural household whose adult members volunteer to do *unskilled manual work*.

Statement 3 is correct. As per the act, the **Gram Sabha** shall conduct regular social audits of all the projects under the Scheme taken up within the Gram Panchayat.

Gram Sabha also determines the order of priority of works in the meetings of the Gram Sabha keeping in view potential of the local area, its needs, and local resources and monitors the execution of projects.

Q.270) Consider the following statements regarding **International Day for Biological Diversity**:

1. "Our solutions are in nature" is the theme for the International Day of Biological Diversity 2020.
2. It marks the day the Convention on Biological Diversity came into effect.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: A

Explanation: Statement 1 is correct. International day of Biological diversity is a **United Nations-sanctioned** international day for the promotion of biodiversity issues held annually on May 22. The theme for 2020 is "**Our solutions are in nature**".

Statement 2 is incorrect. It was held on December 29 to celebrate the day the Convention on Biological Diversity went into effect till 2000, after that the date was shifted to commemorate the **adoption of the Convention on May 22**.

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Q.271) Consider the following statements regarding **Agappe Chitra Magna**:

1. It is an antibody-based testing kit for COVID-19.
2. It has been indigenously developed in India by the Council of Scientific & Industrial Research (CSIR).

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: D

Explanation: Statement 1 is incorrect. It is a diagnostic kit for COVID-19, but it is **not based on antibody-based testing**. It uses an innovative technology for isolating RNA using magnetic nanoparticles to capture the RNA from the patient sample. The magnetic nanoparticle beads bind to the viral RNA and, when exposed to a magnetic field, give a highly purified and concentrated RNA.

The kit can be used for RNA extraction for RT-LAMP, RT-qPCR, RT-PCR and other isothermal and PCR based protocols for the detection of SARS-COV-2.

Statement 2 is incorrect. The kit was developed by Sree Chitra Tirunal Institute for Medical Sciences and Technology (SCTIMST), Trivandrum, an Institute of National Importance of the Department of Science and Technology (DST) along with Agappe Diagnostics Ltd, an in vitro diagnostics manufacturing company based in Cochin.

Q.272) Consider the following statements regarding a **Bad Bank**:

1. A commercial bank with non-performing assets ratio more than 12 percent it termed as Bad Bank by RBI.
2. A Bad Bank can incorporate the distressed and illiquid assets of other banks.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. A bad bank is a bank set up to **buy the bad loans and other illiquid holdings** of another financial institution.

Statement 2 is correct. The financial entity holding significant nonperforming assets will sell these illiquid and distressed holdings to the bad bank. By transferring such assets to the bad bank, the original institution may clear its balance sheet.

Q.273) Consider the following statements:

1. Environment Protection Act, 1986 empowers the central government to restrict any industries, operations or processes in an area to protect the environment.
2. Eco-sensitive Areas are notified by the Ministry of Environment, Forests and Climate Change.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

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Correct answer: C

Explanation: Statement 1 is correct. As per the act the **Central Government** has the power to take all such measures as it deems necessary or expedient for the purpose of protecting and improving the quality of the environment and preventing controlling and abating environmental pollution. It may notify restriction of areas in which any industries, operations or processes or class of industries, operations or processes shall not be carried out or shall be carried out subject to certain safeguards.

Statement 2 is correct. Areas around Protected Areas, National Parks and Wildlife Sanctuaries requiring more protection due to their sensitiveness are notified by the **Ministry of Environment, Forests and Climate Change (MoEFCC)** as Eco-sensitive zones or Eco-sensitive areas.

Q.274) Consider the following statements regarding the **Supreme Court of India**:

1. It is a court of record and has the powers to punish for contempt of itself.
2. It has exclusive powers to issue writs for enforcement of fundamental rights under the Constitution.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: A

Explanation: Statement 1 is correct. **Article 129 of the Constitution** provides that “the Supreme Court shall be a court of record and shall have all the powers of such a court including the power to punish for contempt of itself”.

A court of record is one whose proceedings are recorded and available as evidence of fact.

Statement 2 is incorrect. The powers to issue writs for enforcement of fundamental rights is **not exclusive to the Supreme Court, the High Courts can also issue writs**, including writs in the nature of habeas corpus, mandamus, prohibitions, quo warranto and certiorari, or any of them, for the enforcement of any of the rights conferred by Part III as provided by **Article 226(1)** of the constitution.

Q.275) **Star Rating of Garbage Free Cities** in India has been released by:

- a) NITI Aayog
- b) Ministry of Housing and Urban Affairs
- c) Bureau of Indian Standards
- d) IIT-Roorkee

Correct answer: B

Explanation: The **Ministry of Housing and Urban Affairs (MOHUA)** recently released the Star Rating of Garbage Free cities.

The Star Rating Protocol was launched by the Ministry in 2018 to institutionalize a mechanism for cities to achieve Garbage Free status, and to motivate cities to achieve higher degrees of cleanliness.

The protocol includes components such as cleanliness of drains and water bodies, plastic waste management, managing construction & demolition waste, etc., while the key thrust of protocol is on Solid Waste Management.

Q.276) Which of the following is/are part of the **Proportionality Test** applied by judiciary to test the validity of an act of the government?

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1. action must serve a legitimate State aim
 2. the extent of interference must be proportionate to the need for such interference
- Select the correct answer using the code given below:

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: The proportionality test was broadly agreed upon in the **Puttaswamy judgment**, which says that the action must be sanctioned by law; the proposed action must be necessary in a democratic society for a legitimate aim; the extent of such interference must be proportionate to the need for such interference and there must be procedural guarantees against abuse of such interference.

Q.277) Consider the following statements regarding **National Test Abhyas** application:

1. It has been developed by National Testing Agency.
2. It will be used for conducting online examination of Graduate Aptitude Test in Engineering (GATE) 2020.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: A

Explanation: Statement 1 is correct. The Human Resource Development Ministry has launched an Artificial Intelligence powered mobile app named – the '**National Test Abhyas**'. It has been developed by **National Testing Agency**.

Statement 2 is incorrect. It will enable the candidates to take **mock tests** for upcoming exams such as JEE Main, NEET under the NTA's purview.

GATE is conducted jointly by IISc and 7 IITs and not by NTA.

Q.278) Consider the following statements regarding the **Open Skies Treaty**:

1. It enables participant countries to conduct unarmed aerial surveillance over each other's territories.
2. India is a signatory member to the treaty.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: A

Explanation: Statement 1 is correct. Signed in 1992, the **Open Skies Treaty** permits each state-party to conduct **unarmed reconnaissance flights** over the others' entire territories to collect data on defence related activities.

Statement 2 is incorrect. **India is not a member to the treaty.** Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Canada, Croatia, the Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Greece, Hungary, Iceland, Italy, Latvia, Lithuania, Luxembourg, the Netherlands, Norway, Poland, Portugal, Romania, Russia, Slovakia,

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Slovenia, Spain, Sweden, Turkey, Ukraine, the United Kingdom, and the United States. Kyrgyzstan has signed, but not ratified the treaty.

The United States has announced its intention to withdraw from the Open Skies treaty.

Q.279) Which of the following can be used to **raise the demand** in an economy?

1. Lowering the Repo rate
2. Quantitative easing
3. Helicopter Money

Select the correct answer using the code given below:

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All of the above

Correct answer: D

Explanation: All of the above are tools of increasing money supply in an economy, which in turn can promote investment and consumer spending and thereby demand.

Repo rate is the interest rate at which the central bank lends short term money to banks with repurchase agreements.

Quantitative easing (QE) is a form of monetary policy in which a central bank purchases long-term securities from the open market in order to increase the money supply.

Helicopter money is the term used for a large sum of new money that is printed and distributed. For more on this visit: <https://blog.forumias.com/what-is-helicopter-money-and-why-its-use-is-advocated-against-corona-pandemic/>

Q.280) Consider the following statements regarding the **Desert Locusts**:

1. It is an omnivorous species of Grasshopper.
2. They can attack humans and carry zoonotic disease.
3. An adult Desert Locust can consume almost its own weight of food every day.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 and 3 only
- c) 3 only
- d) All of the above

Correct answer: C

Explanation: Statement 1 is incorrect. **Locusts are herbivorous insects** that can be serious pests of agriculture due to their ability to form dense and highly mobile swarms. They are species of short-horned grasshoppers.

Desert Locusts feed on leaves, shoots, flowers, fruit, seeds, stems and bark. Nearly all crops and plants including maize, sorghum, barley, rice, sugarcane, cotton, fruit trees, vegetables, pasture grasses and weeds.

Statement 2 is incorrect. As per the Food and Agriculture Organization of the United Nations, **Locusts do not attack people or animals**. There is no evidence to suggest that they carry diseases that could harm humans.

Statement 3 is correct. An adult Desert Locust can consume roughly its own weight, about 2 grams, in food every day.

Q.281) Consider the following statements regarding **Open Market Operations (OMO)** of RBI:

1. It refers to the Repo rate changes targeted to keep inflation within the tolerance limits.

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2. RBI can adjust the rupee liquidity conditions in the market using OMO.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. Open Market Operations of RBI are the market operations conducted by the RBI by way of sale or purchase of **Government Securities** to or from the market.

Statement 2 is correct. The objective of OMOs is to **adjust the rupee liquidity** conditions in the market on a durable basis. When the RBI feels that there is excess liquidity in the market, it resorts to sale of securities thereby sucking out the rupee liquidity. Similarly, when the liquidity conditions are tight, RBI may buy securities from the market, thereby releasing liquidity into the market.

Q.282) Which of the following is governed by the **One Country Two System** model?

- a) Taiwan
- b) Hong Kong
- c) Catalonia
- d) Gilgit-Baltistan

Correct answer: B

Explanation: Basic Law of the Hong Kong Special Administrative Region of the **People's Republic of China is a national law of China** that serves as the de facto constitution of the Hong Kong.

Basic Law works with the "**one country, two systems**" principle such that the governance and economic system practiced in mainland China are not extended to Hong Kong.

Q.283) Consider the following statements regarding **Kali River originating in Himalayas:**

- 1. It is a left bank tributary of Yamuna River.
- 2. A part of the river formed the boundary between British India and Nepal kingdom as per the Treaty of Sagauli.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. The Kali River is also known as **Sharda River** in lower reaches, Kutiyaundi or Mahakali River in Himalayan region, it joins Ghagra River, which is a tributary of Ganga.

Statement 2 is correct. By the **Sagauli treaty**, Nepal renounced all claim to the disputed Tarai region, and ceded its conquests west of the Kali River.

Q.284) Which of the following is correct regarding the **Accommodative Monetary Policy** stance?

- a) Central Bank intends to increase the money supply
- b) Central Bank intends to increase the Repo rate

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- c) Central Bank will alter rates in any direction to control the money supply in the system
- d) None of the above

Correct answer: A

Explanation: An **accommodative stance by Central bank** means it aims to expand the overall money supply to boost the economy when the economic growth is slowing down. This is also known as “easy monetary policy” and central bank will cut rates to inject money into the financial system whenever needed.

Q.285) Consider the following statements regarding the **Khudol initiative**:

1. It is an initiative of the Ministry of Development of North Eastern Region.
2. It aims to ensure food, health and hygiene of the LGBTQI+ community.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. Khudol is a crowdfunded initiative of **Ya_All**, an Imphal-based NGO that had created India's first transgender football team. Statement 2 is correct. The initiative aims to ensure food, health and hygiene of the **LGBTQI+** community, people living with HIV, daily-wage earners, children and adolescents. The United Nations Secretary-General's Envoy on Youth has listed Manipur's Khudol (gift) among the top 10 global initiatives for an inclusive fight against the COVID-19 pandemic.

Q.286) Which of the following is/are direct risks of having **Metabolic Syndrome**?

1. Heart disease
2. Diabetes
3. Malaria

Select the correct answer using the code given below:

- a) 1 and 2 only
- b) 2 and 3 only
- c) 3 only
- d) All of the above

Correct answer: A

Explanation: Malaria is not a direct risk of having Metabolic Syndrome.

Metabolic syndrome also known as **Syndrome X** is a **cluster of conditions** that occur together, increasing the risk of heart disease, stroke and type 2 diabetes. It is a group of risk factors - high blood pressure, high blood sugar, unhealthy cholesterol levels, and abdominal fat.

Q.287) Consider the following statements regarding **Group Exposure Limits** in banking system of India:

1. It is the limit on bank's exposure to a group of connected companies.
2. Each bank can autonomously fix exposure limits for itself.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2

d) Neither 1 nor 2

Correct answer: A

Explanation: Statement 1 is correct. The group exposure limit determines the **maximum amount a bank can lend to one business house or connected business entities**. It prevents the troubles at one company having a spillover effect on the bank's other assets, which could lead to a systemic risk.

Statement 2 is incorrect. It is fixed by RBI. Under the **Large Exposures Framework**, the exposure of a bank to a group of connected counterparties should not be higher than 25 per cent of the lender's eligible capital base at all times.

Recently, as a one-time measure in view of financial crisis due to COVID-19, RBI decided to increase a bank's exposure to a group of connected companies from 25 per cent to 30 per cent of the eligible capital base of the bank. The increased limit will be applicable up to June 30, 2021.

Q.288) Consider the following statements regarding **Storm Surge**:

1. It refers to an elevation of seawater level during a storm or cyclone.
2. In cyclones formed over Bay of Bengal surge is largest in the right-forward part of the storm.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Statement 1 is correct. **Storm surge is the abnormal rise in seawater** level during a storm, measured as the height of the water above the normal predicted astronomical tide. The surge is caused primarily by a storm's winds pushing water onshore. Statement 2 is correct. The rotation of the Earth causes winds to move toward the right in the Northern Hemisphere and toward the left in the Southern Hemisphere (**Coriolis effect**). If a cyclone develops in the Northern Hemisphere like that in Bay of Bengal, the surge will be largest in the right-forward part of the storm while in the Southern Hemisphere, the surge will be largest in the left-forward part of the cyclone.

Q.289) Consider the following statements regarding **expansionary fiscal policy**:

1. It is aimed at increasing demand in the economy.
2. Increased government spending by increasing tax rates is a tool of such policy.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: A

Explanation: Statement 1 is correct. The objective of expansionary policy is to **spur the aggregate demand in the economy**. It is based on the ideas of Keynesian economics, the idea that the main cause of recessions is a deficiency in aggregate demand.

Statement 2 is incorrect. The motive is that by putting more money into the hands of consumers, the government can stimulate economic activity during times of economic contraction. Therefore, the **government spends more and reduces the tax burden on**

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taxpayers. Reduced tax burden provides incentive to spend/consume more and it further increases the demand.

Q.290) Which of the following country has authorized change of its official currency to 'Toman'?

- a) Venezuela
- b) Iran
- c) Cuba
- d) North Korea

Correct answer: B

Explanation: Iranian Parliament recently authorized the replacement of the **Rial** with another basic unit of currency called the **Toman**. The Rial unit of currency has lost much of its value against the dollar due to sanctions and COVID-19, it will be replaced by the Toman, and each Toman will be worth 10,000 Rials under the new system.

Q.291) Consider the following statements regarding **Goldman Environmental Prize**:

- 1. It is awarded by the Royal Swedish Academy of Sciences.
- 2. No Indian has ever won the Goldman Environmental Prize.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: D

Explanation: Statement 1 is incorrect. The Goldman Environmental Prize is a prize awarded annually by the **Goldman Environmental Foundation** to grassroots environmental activists, **one from each of the world's six geographic regions**: Africa, Asia, Europe, Islands and Island Nations, North America, and South and Central America. Statement 2 is incorrect. Prafulla Samantara was awarded in 2017 for his social cause activism and villager mobilization against coal mining. Before him Ramesh Agrawal, Rashida Bee and Champa Devi Shukla, M.C. Mehta and Medha Patkar have won this award also known as **Green Nobel**.

Q.292) Consider the following statements regarding project **Arth-Ganga**:

- 1. It is an economic reform project to streamline the Labour Policy in India.
- 2. It aims to involve local community with a focus on economic activities.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. **Project Arth Ganga** is aimed towards developing economic projects on banks of River Ganga.

Statement 2 is correct. The Jal Marg Vikas Project (JMVP) aimed to develop river Ganges as a safe mode of navigation and is being implemented with the technical and financial assistance of the World Bank. **'Project Arth Ganga'** envisages to re-engineer the JMVP by

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involving the local community with a focus on economic activities in and around the Ganga river.

Q.293) The **Global Forest Resources Assessments** has been released by:

- a) World Wildlife Fund
- b) International Union for Conservation of Nature & Natural Resources
- c) Food and Agriculture Organization
- d) United Nations Framework Convention on Climate Change

Correct answer: C

Explanation: The **Global Forest Resources Assessment 2020 (FRA 2020)** has been released by the United Nations **Food and Agriculture Organization (FAO)**. FRA 2020 examines the status of, and trends in, more than 60 forest-related variables in 236 countries and territories in the period 1990–2020.

It observes that while forest area has declined all across the world in the past three decades, the rate of forest loss has declined due to the growth of sustainable management. The world lost 178 million hectares (mha) of forest since 1990, an area the size of Libya, according to the report.

Among the world's regions, Africa had the largest annual rate of net forest loss in 2010–2020, at 3.9 mha, followed by South America, at 2.6 mha.

The world's total forest area was 4.06 billion hectares (bha), which was 31 per cent of the total land area. This area was equivalent to 0.52 ha per person, the report noted.

Q.294) Consider the following statements regarding **India Accounting Standards (IndAS)**:

- 1. These are aimed to make reporting by Indian companies more globally accessible.
- 2. These are issued by Ministry of Commerce.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: A

Explanation: Statement 1 is correct. IndAS stands for **Indian Accounting Standard** and are harmonized with standards for IFRS (**International Financial Reporting Standards**) to ensure that Indian companies more globally accessible.

Statement 2 is incorrect. The **Ministry of Corporate Affairs (MCA)**, in 2015 and in subsequent amendments, has notified the Companies (Indian Accounting Standards (IND AS) Rules, which stipulated the adoption and applicability of IND AS in a phased manner.

Q.295) Consider the following statements regarding **Thanjavur Netti Works**:

- 1. It is made from pith obtained from a hydrophyte plant.
- 2. It has been recognized as a Geographical Indication (GI).

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Both statements are correct.

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Thanjavur Netti works is made from pith obtained from a plant - *Aeschynomene aspera* (netti), it is a hydrophyte plant found abundantly in lakes and marshy lands surrounding Thanjavur and Mannargudi region in Tamil Nadu. The pith work models are delicate to handle and are usually preserved inside glass boxes.

It has been recognized as a Geographical Indication, its artisans are uniquely skilled in this craft and this art has been traditionally transferred from their forefathers.

Hydrophyte plant: a plant that grows partly or wholly in water.

Q.296) Consider the following statements regarding **Konark Sun Temple**:

1. It was built by Krishnadevaraya of Tuluva dynasty.
2. It is a UNESCO World Heritage site.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. It was built in the 13th century during the reign of **King Narasimhadeva I** (AD 1238-1264) of the **Eastern Ganga Dynasty** and is located near the sacred city of Puri, Odisha.

Statement 2 is correct. It was given the status of a **World Heritage Site in 1984 by UNESCO**.

Sun Temple comprises several distinct and well-organized spatial units. The vimana (principal sanctuary) was surmounted by a high tower with a shikhara (crowning cap), which was razed in the 19th century. To the east, the jahamogana (audience hall) dominates the ruins with its pyramidal mass. Farther to the east, the natmandir (dance hall), today unroofed, rises on a high platform.

Q.297) Which of the following are correctly matched?

1. Dhaka glacier - Sikkim
2. Pindari glacier - Uttarakhand
3. Satopanth glacier - Himachal Pradesh

Select the correct answer using the code given below:

- a) 1 and 2 only
- b) 2 only
- c) 1 and 3 only
- d) All of the above

Correct answer: B

Explanation: Option 1 is incorrect. The **Sutri Dhaka glacier is located in the Chandra valley** of Lahaul and Spiti district of Himachal Pradesh.

Option 2 is correct. The **Pindari Glacier is in the upper reaches of the Kumaon Himalayas**, Uttarakhand. It gives rise to the Pindar River which meets the Alakananda at Karnaprayag.

Option 3 is incorrect. **Satopanth glacier** lies on the northwest side of Nilkantha, a major peak of the **Garhwal Himalayas** in Uttarakhand. Bhagirathi Kharak glacier and Satopanth glacier feed the Alaknanda River.

Q.298) Which of the following is/are correctly matched?

1. Krishak Bandhu scheme - Jharkhand

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- 2. Rythu Bandhu scheme - Telangana
- 3. KALIA scheme - Rajasthan
- 4. Rajiv Gandhi Kisan Nyay Yojana (RGKNY) - Chhattisgarh

Select the correct answer using the code given below:

- a) 1, 2 and 3 only
- b) 2 and 4 only
- c) 1, 3 and 4 only
- d) All of the above

Correct answer: B

Explanation: All of the above provide monetary support to farmers.

Krishak Bandhu scheme is a financial assistance initiative to address distress sale by farmers of West Bengal.

Rythu Bandhu is a Farmers' Investment Support Scheme of Telangana state.

KALIA scheme (Krushak Assistance for Livelihood and Income Augmentation) is farmer income support scheme of Odisha state.

Rajiv Gandhi Kisan Nyay Yojana (RGKNY) has been launched recently by Chhattisgarh government to provide income support to farmers.

Q.299) Which of the following is/are factors considered by **Commission for Agricultural Costs & Prices (CACP)** for recommending **Minimum Support Price (MSP)**?

- 1. Cost of production
- 2. Demand and supply
- 3. Domestic and international prices

Select the correct answer using the code given below:

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All of the above

Correct answer: D

Explanation: **Commission for Agricultural Costs & Prices (CACP)** considers various factors before recommending **Minimum Support prices**:

Cost of production, overall **demand-supply situations** of various crops in domestic and world markets, **domestic and international prices**, inter-crop price parity, terms of trade between agriculture and nonagricultural sector, likely effect of price policy on rest of economy, rational utilization of land, water and other production resources and a minimum of 50 percent as the margin over cost of production.

The **views of the farmer and farmer's association** are also considered by CACP before recommending MSP.

Q.300) Consider the following statements:

- 1. In the adversarial legal system, the Judge adjudicates on basis of competing submissions of parties in the case.
- 2. The inquisitorial legal system follows an extensive pre-trial investigation.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

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Correct answer: C

Explanation: Statement 1 is correct. In **adversarial legal system** the prosecution and defence compete against each other, and the **judge serves as a referee** to ensure fairness to the accused, and that the legal rules criminal procedure followed. The judge presides over the trial and rules on disputed issues of procedure and evidence, asking questions of the witness only to clarify evidence, and concludes the trial by summing-up the facts.

Statement 2 is correct. **Inquisitorial system** is characterized by **extensive pre-trial investigation** and interrogations with the objective to avoid bringing an innocent person to trial. The inquisitorial process grants more power to the judge who oversees the process, whereas the judge in the adversarial system serves more as an arbiter between claims of the prosecution and defence.

Q.301) Consider the following statements regarding the **Public Interest Litigation (PIL)** in India:

1. It finds direct mention in the Constitution of India.
2. PILs can only be filed in the Supreme Court.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: D

Explanation: Statement 1 is incorrect. **PIL does not find direct mention in the constitution.**

Statement 2 is incorrect. **PIL can be filed in Supreme Court as well as High courts.**

The first reported case of PIL in 1979, i.e. **Hussainara Khatoon v. State of Bihar** focused on the inhuman conditions of prisons and under trial prisoners. In 1981 Justice **P. N. Bhagwati in S. P. Gupta v. Union of India** case adjudged that in public interest, any member of public file an application for an appropriate direction, order or writ in the High Court under Article 226 and in case any breach of fundamental rights of such persons, in this court (Supreme Court) under Article 32 seeking judicial redress for the legal wrong caused to such person.

Q.302) Which of the following is/are correctly matched?

1. San Francisco Conference - UN Charter
2. Bretton Woods Conference - International Monetary Fund
3. Bandung Conference - ASEAN charter

Select the correct answer using the code given below:

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All of the above

Correct answer: A

Explanation: Option 1 is correct. The **United Nations Conference on International Organization (UNCIO), also known as the San Francisco Conference**, was held in 1945 in San Francisco, California, United States of America. It resulted in the development of **UN charter**; the United Nations did not come into existence at the signing of the Charter. In many countries the Charter had to be approved by their congresses or parliaments. On October 24, 1945, all conditions were fulfilled, and the United Nations came into existence.

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Option 2 is correct. The **Bretton Woods Institutions are the World Bank (IBRD) and the International Monetary Fund (IMF)**. They were set up at a meeting of 44 countries in Bretton Woods, New Hampshire, USA in July 1944.

Option 3 is incorrect. "**Ten Principles of Bandung**", were proclaimed at Bandung Conference, 1955. Such principles were adopted later as the main goals and objectives of the policy of **non-alignment**. The fulfillment of those principles became the essential criterion for Non-Aligned Movement membership.

Q.303) Consider the following statements regarding **Breathalyzer test**:

1. It checks for the bacterial infection in the respiratory tract.
 2. It does not require a blood sample of the person being tested.
- Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. **Breathalyzer test** is used for estimating **blood alcohol content (BAC)** from a breath sample. It is often used by law enforcement agencies. Statement 2 is correct. It only **requires a breath sample**; no blood sample is taken from the person being tested.

Q.304) Consider the following statements regarding the **Galwan River**:

1. It is a tributary of the Jhelum River.
 2. It flows through Aksai Chin.
- Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. The **Galwan River** originates in the area of **Samzungling** on the eastern side of the Karakoram Range and flows west to join the **Shyok River**, which is a tributary of **Indus River**.

Statement 2 is correct. The Galwan River flows through **Aksai Chin**, a territory in Ladakh, which is under Chinese occupation.

Q.305) Consider the following statements regarding the **International Civil Aviation Organization (ICAO)**:

1. It was established for the administration of the Chicago convention.
2. India is not a member of ICAO.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: A

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Explanation: Statement 1 is correct. The **International Civil Aviation Organization (ICAO)** is a **UN specialized agency**, established in 1944 to manage the administration and governance of the **Convention on International Civil Aviation (Chicago Convention)**. Statement 2 is incorrect. **India is a member of ICAO** and also currently a member of the Governing council.

Q.306) Consider the following statements regarding the **Foreigner Tribunals**:

1. These are established by the mandate of Citizenship Act, 1955.
2. Only Central government can refer a matter to a Foreigner Tribunal.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: D

Explanation: Statement 1 is incorrect. **Foreigners Tribunals** are established as per the **Foreigners' Tribunal Order, 1964** and the **Foreigners' Act, 1946**.

Statement 2 is incorrect. As per the Foreigners (Tribunals) Order, 1964 (amended in 2019) the **Central Government or the State Government or the Union territory administration or the District Collector or the District Magistrate** may, by order, refer the question as to whether a person is not a foreigner within the meaning of the Foreigners Act, 1946, to a Tribunal to be constituted for the purpose, for its opinion.

Q.307) Consider the following statements regarding the **Commission on the Limits of the Continental Shelf (CLCS)**:

1. It is a commission set up by ASEAN to resolve the South China Sea Continental Shelf disputes.
2. The purpose of the Commission is to facilitate the implementation of the United Nations Convention on the Law of the Sea.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. It is a **UN commission** looking into establishment of the outer **limits of the continental shelf beyond 200 nautical miles (M)** from the baselines from which the breadth of the territorial sea is measured.

Statement 2 is correct. The **commission is established as per the UNCLOS mandate** and its functions are also provided by the annex to the convention, which are:

- To consider the data and other material submitted by coastal States concerning the outer limits of the continental shelf in areas where those limits extend beyond 200 nautical miles.
- To provide scientific and technical advice, if requested by the coastal State concerned during preparation of such data.

Q.308) Consider the following statements regarding Long term repo operations:

1. RBI aims to raise the liquidity in market through LTRO.
2. RBI will buy private financial instruments as collateral at Repo rate.

Which of the statements given above is/are correct?

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- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: A

Explanation: Statement 1 is correct. RBI facility of **Long Term Repo Operations (LTRO)** aims to inject liquidity in the banking system. Under this, the central bank injects money into the banking system through auctions with long term maturity periods (compared to one day repos) of 1 year and 3 year.

Statement 2 is incorrect. As under Repo operations, RBI will be accepting government securities with matching or higher tenure as the collateral.

Q.309) Consider the following statements regarding the **Jammu and Kashmir Reorganization Act, 2019**:

1. Legislative assembly of Jammu and Kashmir as well as Parliament can legislate on all matters specified in the State List.
 2. The Legislative Council of the Jammu and Kashmir has been abolished through the act.
- Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. The Legislative Assembly of the Union Territory of Jammu and Kashmir can make laws related to any matters specified in the State List of the Constitution, **except "Police" and "Public Order"**.

Parliament has the power to make laws in relation to any matter for the Union Territory of Jammu and Kashmir.

Statement 2 is correct. The **Legislative Council** of the state of Jammu and Kashmir has been abolished by the act.

Q.310) What is '**Troglomyces Twitteri**' that has been in news recently?

- a) a type of parasitic fungus
- b) a Twitter algorithm to track COVID-19
- c) new ridge discovered on Mars surface by Curiosity rover
- d) a herbal cure proposed for COVID-19

Correct answer: A

Explanation: Troglomyces twitteri is a new species that has just been discovered. It's a type of parasitic fungus. It belongs to an order called Laboulbeniales, the tiny fungal parasites that attack insects and millipedes, it lives on the outside of host organisms.

Q.311) Which of the following is correctly matched?

- | | | |
|---------------------------------------|---|--------------------------|
| 1. CLOUD Act | - | United States of America |
| 2. GAFA tax | - | India |
| 3. General Data Protection Regulation | - | European Union |

Select the correct answer using the code given below:

- a) 1 and 3 only
- b) 2 only

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- c) 3 only
- d) All of the above

Correct answer: A

Explanation: Option 1 is correct. The **US Clarifying Lawful Overseas Use of Data Act (CLOUD Act)** gives U.S. law enforcement authorities the power to request data stored by most major cloud providers, even if it is outside the United States.

Option 2 is incorrect. **GAFA tax** – an acronym for Google, Apple, Facebook and Amazon – is a **French legislation** that imposes tax on the total annual revenues of the large technology firms providing services to French consumers.

Option 3 is correct. **General Data Protection Regulation** is a regulation in EU law on data protection and privacy in the **European Union and the European Economic Area**.

Q.312) Which of the following disease(s) can be diagnosed with the **TrueNat testing platform**?

- 1. Tuberculosis
- 2. COVID-19
- 3. Ebola

Select the correct answer using the code given below:

- a) 1 and 2 only
- b) 2 only
- c) 1 and 3 only
- d) All of the above

Correct answer: A

Explanation: TrueNat test platform has been used to diagnose **Tuberculosis** in past and recently have been validated for COVID-19 testing as well.

The TrueNat test is a molecular test for Tuberculosis. The test is WHO pre-qualified and is included as a reliable and accurate method for quick screening of TB patients.

As per **ICMR guidelines** “the TrueNat system is now a comprehensive assay for screening and confirmation of COVID-19 cases.”

TrueNat test is offered by Goa-based Molbio, in collaboration with the Central TB Division (CTD) of Ministry of Health and Family Welfare.

Q.313) Consider the following statements regarding **Purandara Dasa**:

- 1. He was a Vaishnava saint and poet.
 - 2. He was a chief proponent of the Carnatic music.
- Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Both statements are correct.

Purandara Dasa was a devotee of the **Lord Krishna**, a Vaishnava poet, a saint and a social reformer. He was a disciple of the Dvaita philosopher-saint Vyasa-tirtha.

He was a composer, singer and one of the chief founding-proponents of Carnatic Music. He is considered as **Pitamaha of Carnatic music** for his contribution to it.

Q.314) Which of the following is/are mode of transmission for the **SARS-COV-2**?

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1. Droplet transmission by sneezing or coughing
2. Mosquito bites
3. Droplets surviving on surfaces and clothes

Select the correct answer using the code given below:

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All of the above

Correct answer: C

Explanation: COVID-19 spreads mainly by droplets produced as a result of coughing or sneezing of a COVID-19 infected person. This can happen in two ways:

Direct close contact: one can get the infection by being in close contact with COVID-19 patients, especially if they do not cover their face when coughing or sneezing.

Indirect contact: the droplets survive on surfaces and clothes for many days, therefore touching any such infected surface or cloth and then touching one's mouth, nose or eyes can transmit the disease.

There has been no information or any evidence to suggest that the new coronavirus could be transmitted by mosquitoes, yet.

Q.315) Consider the following statements:

1. Phishing is a cyber-fraud that uses disguised email or text message as means.
2. Cerberus is a banking Trojan being used to steal financial data.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Both statements are correct.

Phishing is an attempt to trick someone into giving information over the internet or by email or by text messages that would allow someone else to acquire sensitive information.

Central Bureau of Investigation (CBI) has sent alerts to all the States, Union Territories and the central agencies on malicious software named **Cerberus** threat that is taking advantage of the Covid-19 pandemic. It is a banking Trojan which is primarily used to steal financial data such as credit card numbers.

Q.316) Consider the following statements regarding **Down's syndrome**:

1. It is an autosomal disorder.
2. All Down's syndrome cases are inherited from genetic disorder of parents.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: A

Explanation: Statement 1 is correct. **Autosomal** means pertaining to a chromosome that is not a sex chromosome. Down's syndrome, also known as **trisomy 21**, is a genetic disorder caused by the presence of all or part of a **third copy of chromosome 21**. It is associated

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with intellectual disability, a characteristic facial appearance, and weak muscle tone (hypotonia) in infancy.

Statement 2 is incorrect. **Most cases of Down syndrome are not inherited.** This chromosomal trisomy occurs as a random event during the formation of reproductive cells in a parent. The parents of the affected individual are usually genetically normal.

Q.317) Consider the following statements:

1. Constitution of India provides defamation as basis for reasonable restriction on freedom of speech and expression.
2. Defamation is not a criminal offence in India.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: A

Explanation: Statement 1 is correct. **Article 19(2)** provides for **reasonable restrictions** on the exercise of the right freedom of speech and expression in the interests of the sovereignty and integrity of India, the security of the State, friendly relations with foreign States, public order, decency or morality or in relation to contempt of court, **defamation** or incitement to an offence.

Statement 2 is incorrect. **Section 499 and 500 of the Indian Penal Code** provides for criminal case of defamation against the accused. Section 500 of IPC states “whoever defames another shall be punished with simple imprisonment for a term which may extend to two years, or with fine, or with both.”

Q.318) Consider the following statements regarding the **Bombay Plan**:

1. It was prepared by M. Visvesvaraya.
2. It was adopted at Karachi Session Indian National of Congress.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: D

Explanation: Both statements are incorrect.

Bombay Plan was a **15-year economic plan** for post-World War India proposed by a group of **industrialists and technocrats** in January 1944.

It was signed by J. R. D. Tata, Ghanshyam Das Birla, Ardeshir Dalal, Lala Shri Ram, Kasturbhai Lalbhai, Ardeshir Darabshaw Shroff, Sir Purshottamdas Thakurdas and John Mathai.

The FICCI (Federation of Indian Chambers of Commerce & Industry) endorsed the plan at its annual meeting. Later, the document was edited by Purushottamdas Thakurdas into two tiny pamphlet-sized volumes and published as **A Brief Memorandum Outlining a Plan of Economic Development for India** in 1945.

Q.319) Consider the following statements **Aarogya Setu** application:

1. It is an Aadhar based contact tracing application.
2. It is an open source application.

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3. Government has launched a bug bounty program to encourage testing of the application. Which of the statements given above is/are correct?

- a) 1 and 2 only
- b) 2 only
- c) 2 and 3 only
- d) All of the above

Correct answer: C

Explanation: Statement 1 is incorrect. Aarogya Setu is a contact tracing application using the **Bluetooth technology** being used to notify risk of someone contracting COVID-19 based on their movements.

Statement 2 is correct. Government has released the source code of the android application on Github while iOS version is to be launched in coming days.

Statement 3 is correct. A **Bug Bounty Program** has been launched to partner with security researchers and developers community to test the security effectiveness of the application.

Note: The question of Aarogya Setu being an Open Source Software (OSS) has been previously asked in 10PM quiz when it was not an OSS. This is to notify that now the app is OSS and aspirants are requested to make note of it.

Q.320) Consider the following statements regarding **Hydroxychloroquine**:

- 1. It is an immune response modulator.
 - 2. ICMR has recommended its use as prophylactic drug against COVID-19.
- Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Both statements are correct.

The HCQ is used in treatment of rheumatoid arthritis and lupus for its property of scaling down the response of the immune system.

At the molecular level, hydroxychloroquine interferes with lysosomal activity and autophagy, disrupt membrane stability and alter signaling pathways.

HCQ also has **anti-inflammatory** properties, which helps treat a patient suffering from **Cytokine storm**, i.e. when the immune system of the body goes into an overdrive against foreign substance leading to fatal localized inflammation.

ICMR has recommended HCQ as **preventive/prophylactic drug** for asymptomatic healthcare workers, frontline staff on surveillance duty in containment zones and paramilitary/police personnel involved in coronavirus infection related activities.

Q.321) Which of the following constitutes the Fourth Industrial revolution?

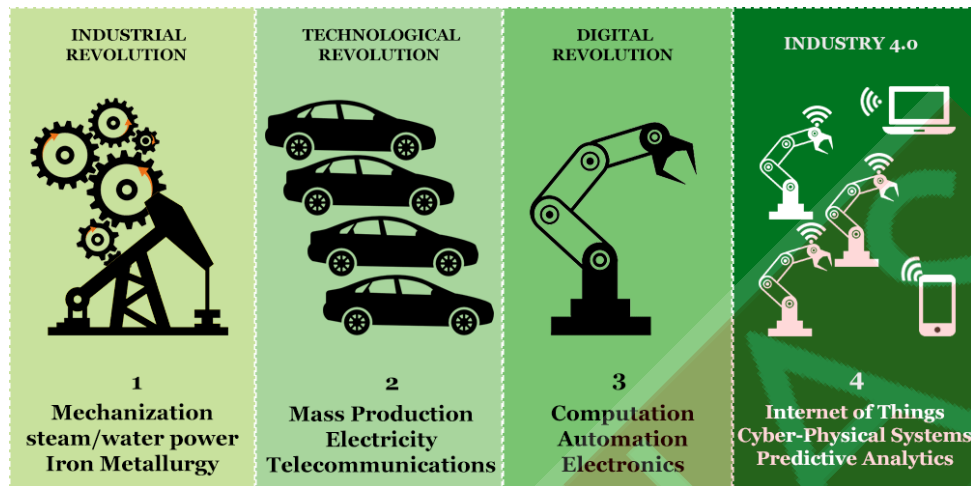
- a) Digital systems and electronic communication development
- b) Mechanized production units
- c) Cyber physical systems
- d) Power generation from oil and gas

Correct answer: C

Explanation: The **Fourth Industrial Revolution** can be described as the advent of “cyber-physical systems” embedded within societies and even human bodies.

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Examples: genome editing, new forms of machine intelligence, breakthrough materials and approaches to governance that rely on cryptographic methods such as the blockchain. These capabilities are reliant on the technologies and infrastructure of the Third Industrial Revolution.



Q.322) Consider the following statements:

1. The Factory Act, 1881 regulated the employment of children in factories.
2. The Factory Act, 1891 fixed the maximum working hours for woman and children.
3. These Factory Acts did not apply to British owned tea plantations.

Which of the statements given above is/are correct?

- a) 1 and 2 only
- b) 2 only
- c) 1 and 3 only
- d) All of the above

Correct answer: D

Explanation: Statement 1 is correct. **The Factory Act, 1881** dealt primarily with Child Labour, it prohibited employment below age of 7, working hours restricted to 9 per day and 4 holidays per month.

Statement 2 is correct. **The Factory Act, 1891** reduced maximum working hours for children to 7 hours per day. It fixed maximum working hours for woman at 11 hours with one and half hour interval.

Statement 3 is correct. These laws were **not applicable** to British owned tea and coffee plantations.

Q.323) Consider the following statements regarding **Special Leave Petition**:

1. Constitution provides for discretionary power of the Supreme Court to grant special leave to appeal against any judgment.
2. This power of Supreme Court is applicable over a judgment made by any court or tribunal relating to the Armed Forces.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

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Correct answer: A

Explanation: Statement 1 is correct. **Article 136(1)** of the constitution states that the Supreme Court may, in its discretion, grant special leave to appeal from any judgment, decree, determination, sentence or order in any cause or matter passed or made by any court or tribunal in the territory of India.

Statement 2 is incorrect. **Article 136(2)** states that the power granted in article 136(1) shall not apply to any judgment, determination, sentence or order passed or made by any court or tribunal constituted by or under any law relating to the Armed Forces.

Q.324) Consider the following statements regarding **FAITH trials**:

1. It aims to test the efficacy of new vaccines against the COVID-19.
2. It has been launched by US Centers for Disease Control in collaboration with Indian Council for Medical Research.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: D

Explanation: Both statements are incorrect.

FAITH (FA vipiravir plus Um I fenovir (efficacy and safety) Trial in Indian Hospital setting) trials by **Glenmark Pharmaceuticals Ltd.** are new randomised, open-label study to test the combined efficacy of two antiviral drugs — **Favipiravir and Umifenovir** — against the COVID-19.

The current Glenmark trial will study the early administration of a combination of Favipiravir and Umifenovir and whether it enhances anti-viral efficacy on COVID-19 patients.

Q.325) Consider the following statements regarding **One Nation One Ration Card (ON-ORC)** scheme:

1. Its implementation will raise the coverage of National food security act to 100 percent of the population.
2. The Integrated Management of PDS portal (IMPDS) provides the technological platform for the inter-state portability of Ration cards.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. **NFSA covers upto 75% of the rural population and 50% of the urban population** under Antyodaya Anna Yojana (AAY) and priority households. It will not change with the implementation of ON-ORC.

The ON-ORC aims to introduce **nation-wide portability of ration card** holders under National Food Security Act, 2013 (NFSA), to lift their entitlement food grains from any FPS in the country without the need to obtain a new ration card, by integrating the existing PDS systems/portals of States/UTs with the Central systems/portals, etc.

Statement 2 is correct. The **Integrated Management of PDS portal** (<http://www.impds.nic.in/>) provides the technological platform for the inter-state

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portability of ration cards enabling a beneficiary to buy food grains from any Fair Price Shop across the country.

Q.326) Which of the following is/are part of the **four noble truths of Buddhism**?

1. The truth of Suffering (Dukkha)
2. To be Non-Possessive (Aparigraha)
3. Path to the cessation of suffering (Magga)

Select the correct answer using the code given below:

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All of the above

Correct answer: C

Explanation: The Four Noble Truths contain the essence of the Buddha's teachings. These are:

The truth of suffering (**Dukkha**), which is basic characteristic of existence.

The truth of the origin of suffering (**Samudaya**) which is cravings and attachments.

The truth of the cessation of suffering (**Nirodha**) which comes with cessation of craving.

The truth of the path to the cessation of suffering (**Magga**) is eight-fold path.

Q.327) Consider the following statements

1. The Gross Value Added (GVA) of fisheries sector forms more than one third of Agricultural GVA of India.
2. Pradhan Mantri Matsya Sampada Yojana (PMMSY) aims to provide direct benefit transfer of Rs 6000 per annum to fish farmers.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: D

Explanation: Statement 1 is incorrect. The Gross Value Added (GVA) of fisheries sector in the national economy during 2018-19 stood at Rs 2,12,915 crores (current basic prices) which constituted 1.24% of the total National GVA and **7.28% share of Agricultural GVA**.

Fisheries sector in India has shown impressive growth with an average annual growth rate of 10.88% during the year from 2014-15 to 2018-19.

Statement 2 is incorrect. The **PMMSY** intends to address critical gaps in fish production and productivity, quality, technology, post-harvest infrastructure and management, modernization and strengthening of value chain, traceability, establishing a robust fisheries management framework and fishers' welfare.

Data source and scheme details: (<https://pib.gov.in/PressReleasePage.aspx?PRID=1625535>)

Q.328) Consider the following statements regarding **Locust swarms** in India:

1. Monsoon provides favorable breeding condition for Locusts.
2. Locust survey and control operations are the responsibility of the Locust Warning Organization (LWO) under Ministry of Agriculture and Farmer Welfare.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only

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- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Statement 1 is correct. **Rain triggers the growth of vegetation** in arid areas where desert locusts can then grow and breed. The initiation of summer breeding coincides with the arrival of the southwest monsoon, which is normally during the second half of June or in early July. Therefore, ecological conditions are often favorable for locust breeding depending on the duration and intensity of the monsoon.

Statement 2 is correct. **Locust Warning Organisation (LWO)**, Directorate of Plant Protection Quarantine and Storage, Ministry of Agriculture & Farmers Welfare is responsible for monitoring, survey and control of Desert Locust in India.

Q.329) Consider the following statements regarding **Vinayak Damodar Savarkar**:

1. He was a founder of Abhinav Bharat society.
2. He wrote the book titled Indian War of Independence 1857.

Which of the statements given above is are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Statement 1 is correct. **Abhinav Bharat Society** was a secret society founded by Vinayak Damodar Savarkar and his brother Ganesh Damodar Savarkar in 1904. It was initially founded as Mitra Mela by V.D. Savarkar in 1899 at Nasik.

Statement 2 is correct. **The Indian War of Independence** written by Savarkar about the Indian rebellion of 1857 in 1909 was in response to celebrations in Britain of the 50th anniversary of the 1857 Indian uprising. It was banned by the British authorities.

Q.330) Consider the following statements regarding **Heat Wave** in India:

1. Heat Wave is considered if maximum temperature of a station reaches at least 40°C in plains and at least 30°C for Hilly regions.
2. The Western Disturbances increase the severity of heat wave in northern Indian region.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: A

Explanation: Statement 1 is correct. As per **IMD classification** of Heat wave; a Heat Wave is considered if maximum temperature of a station reaches at least 40°C or more for Plains, 37°C or more for coastal stations and at least 30°C or more for Hilly regions.

For more visit [Factly](https://www.factly.in/).

Statement 2 is incorrect. **Western disturbances** are low pressure depressions originating in the Mediterranean region that move eastwards and bring sudden rainfall to the northwestern parts of the Indian subcontinent. They help in bringing down the temperature over northern Indian region.

Q.331) Which of the following is/are potential benefit of **Contract farming**?

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1. Exposure to global best practices and mechanized agriculture technology.
2. Protection for farmer from fluctuation in market pricing of agricultural produce.
3. Regular flow of raw material to the trader.

Which of the statements given above is/are correct?

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All of the above

Correct answer: D

Explanation: All are potential benefits of Contract farming.

Contract farming refers to an agreement between a buyer and farmers, which establishes conditions for the production and marketing/sale of farm products (including livestock and poultry). The producer can sell the agricultural produce at a specific price in the future to the buyer as per the agreement.

Potential benefits:

To The Farmer: Exposure to world class mechanized agro technology, obtains an assured up front price & market outlet for his produce, bulk supplies, crop monitoring on a regular basis, technical advice, supplies of healthy disease free nursery, agricultural implements etc.

To The trader: Uninterrupted & regular flow of raw material, protection from fluctuation in market pricing and dedicated supplier base.

Q.332) Which of the following is correct regarding **Biofouling**?

- a) Organisms accumulating underwater on hard surfaces
- b) Plants being used as second-generation biofuel
- c) Organisms helping in maintaining productivity of soil
- d) Plants reducing the productivity of soil

Correct answer: A

Explanation: **Biofouling** is the colonization of submerged surfaces by microorganisms such as bacteria and has destructive effects. **Biofoulers** are organisms that accumulate underwater on hard surfaces, to the detriment of property and economically important activities, such as shipping, power generation, and water treatment.

Q.333) Consider the following statements regarding **Sir Syed Ahmad Khan**:

1. He organized the All-India Muhammadan Educational Conference to promote education among Muslim community.
2. He was nominated to the membership of Viceroy's Legislative Council.
3. He chaired the Indian National Congress session of 1896, held in Calcutta.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) 1 and 2 only
- d) All of the above

Correct answer: C

Explanation: Statement 1 is correct. In **1886 Sir Syed organized the All-India Muhammadan Educational Conference**, which met annually at different places to promote education among Muslim community and provide a platform for political unity.

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Statement 2 is correct. In 1878, Sir Syed was nominated to the **Viceroy's Legislative Council**.

Statement 3 is incorrect. **Rahimtullah M Sayani** was the second Muslim to serve as president of INC after Badruddin Tyabji and presided over 1896 Calcutta session of Congress. Sir Syed was a critic of the Indian National Congress.

Q.334) Which of the following can increase the **monsoon rainfall** in India?

1. El nino
2. Positive Indian Ocean Dipole
3. La nina

Select the correct answer using the code given below:

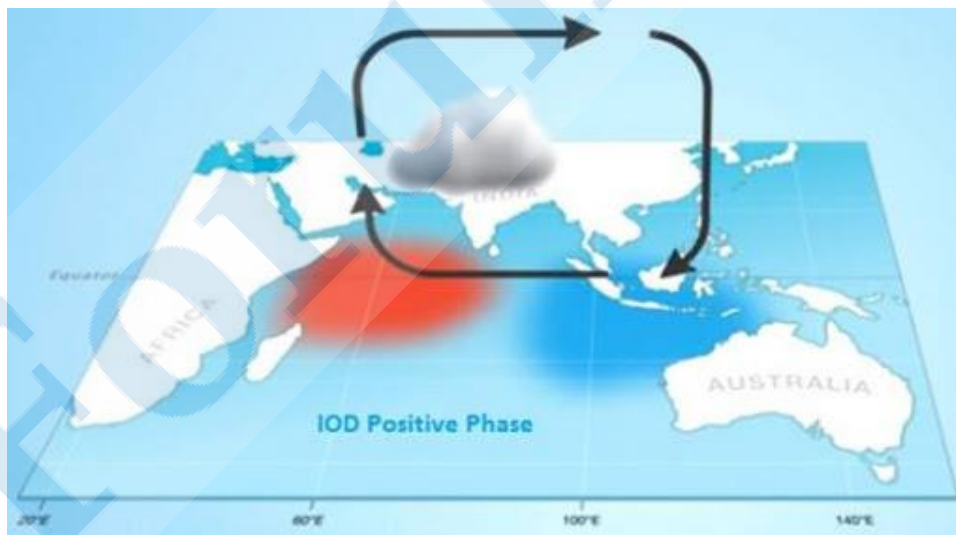
- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All of the above

Correct answer: B

Explanation: Option 1 is incorrect. **El Nino** is a climate pattern that describes the unusual warming of surface waters in the eastern tropical Pacific Ocean. **Strong El Nino events contribute to weaker monsoon rainfall in India.**

Option 2 is correct. **La Nina** is the counter phenomenon of El nino, that describes cooler than normal ocean surface temperatures in the Eastern Pacific Ocean. It has **positive impact over monsoon over Indian subcontinent.**

Option 3 is correct. The **IOD** measures differences in SSTs between the Western Indian Ocean (Arabian Sea region) and the eastern Indian Ocean. A **positive IOD leads to greater monsoon rainfall in India.**



Q.335) Consider the following statements regarding **Mytilopsis sallei**:

1. It is an invasive mussel species.
 2. It is a terrestrial species feeding on crops.
- Which of the statements given above is/are correct?
- a) 1 only
 - b) 2 only
 - c) Both 1 and 2

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d) Neither 1 nor 2

Correct answer: A

Explanation: Statement 1 is correct. **Mytilopsis sallei**, the black-striped mussel, is a small marine bivalve mollusc. It is a marine **invasive species**, has wide temperature, salinity and oxygen tolerances. It also possesses a fast rate of growth, high fecundity and matures early. Statement 2 is incorrect. It is a **marine species**. In its native habitat, *M. sallei* is a colonial surface dweller of sheltered waters often settling on man-made structures. It is a bio-deteriorating agent and prevalent **biofouler**.

Q.336) Consider the following statements regarding the 'Attracting and Retaining Youth in Agriculture' (ARYA) project:

1. It is an initiative of the Niti Aayog.
2. The project is implemented through the Krishi Vigyan Kendras (KVK).

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. The ARYA Scheme is an initiative of the **Indian Council of Agricultural Research (ICAR)**. The objectives of ARYA project are

(i) To attract and empower the Youth in Rural Areas to take up various Agriculture, allied and service sector enterprises for sustainable income and gainful employment in selected districts.

(ii) to enable the Farm Youth to establish network groups to take up resource and capital-intensive activities like processing, value addition and marketing.

(iii) To demonstrate functional linkage with different institutions and stakeholders for convergence of opportunities available under various schemes/program for sustainable development of youth.

Statement 2 is correct. The ARYA project is implemented through KVKs with technical partners from ICAR Institutes and Agricultural Universities for taking up entrepreneurial activities through skill development of rural youth leading to employment generation.

Q.337) Which of the following is/are in Union Territory of Ladakh?

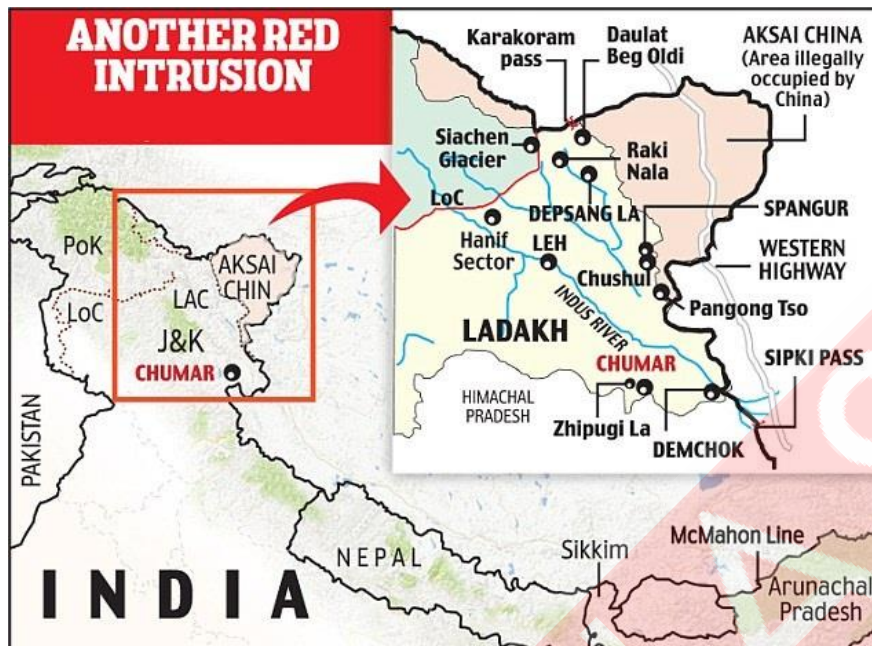
1. Demchok
2. Dipsang
3. Daulat Beg Oldi

Select the correct answer using the code given below:

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All of the above

Correct answer: D

Explanation: All the places mentioned above are in Union territory of Ladakh.



Q.338) Consider the following statements:

1. Six states of India share border with Nepal.
 2. Exercise Surya Kiran is a joint military training exercise between India and Nepal.
- Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. **Nepal** shares a border of over 1850 km with **five Indian states** – Sikkim, West Bengal, Bihar, Uttar Pradesh and Uttarakhand.



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Statement 2 is correct. **Surya Kiran** is a joint military training exercise between India and Nepal. Its latest edition SURYA KIRAN-XIV was held in Nepal in December 2019.

Q.339) Consider the following statements regarding **National Health Profile** of India:

1. It is a decennial publication covering Health, Demography and Socio-Economic Status related data of the country.
2. It is published by the National Health Authority of India.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: D

Explanation: Statement 1 is incorrect. National Health Data is essential for effective planning, decision-making, monitoring and evaluation of various Health Programs & Health Sector Development activities.

The **National Health Profile (NHP)** is being annually published since 2005, which covers all the major information on Demography, Socio-Economic Status, Disease Morbidity & Mortality, Healthcare Finance, Human Resources in Health and Healthcare Infrastructure. Statement 2 is incorrect. The NHP is released by the **Central Bureau of Health Intelligence (CBHI)**, a National Nodal agency for Health Intelligence in the Directorate General of Health Services, Ministry of Health & Family Welfare.

Q.340) Which of the following country is part of the region known as the **Horn of Africa**?

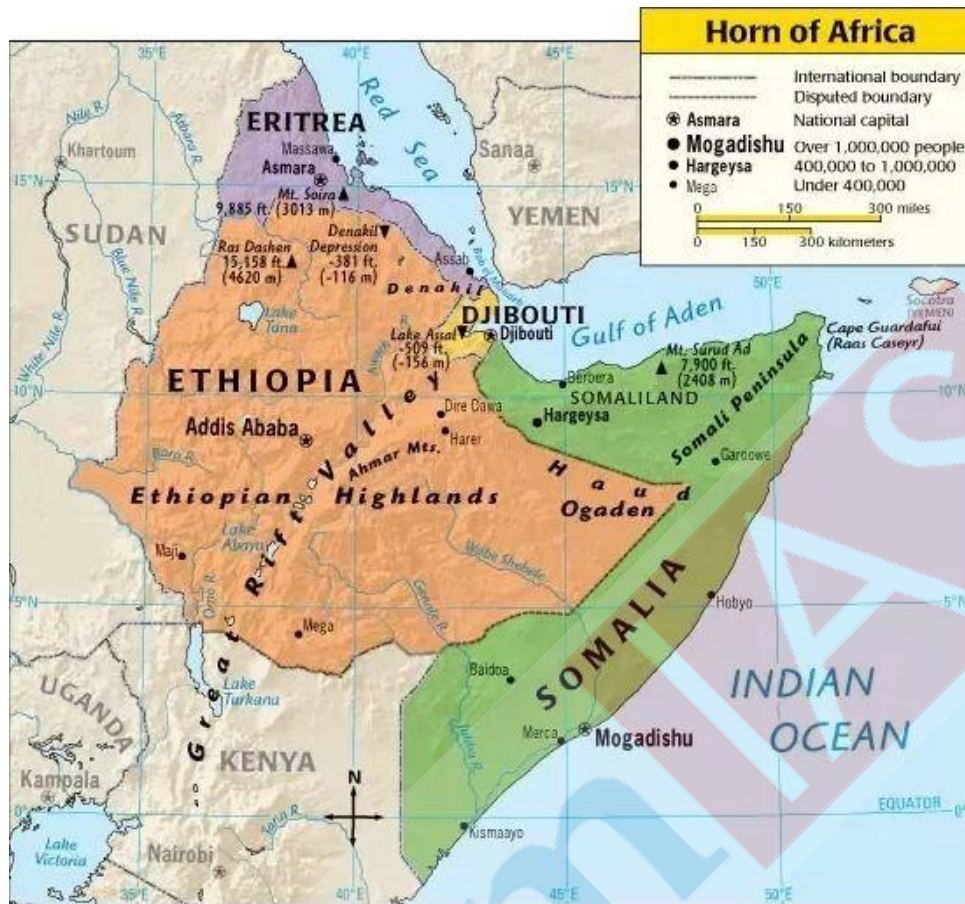
1. Egypt
2. Djibouti
3. Eritrea

Select the correct answer using the code given below:

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All of the above

Correct answer: B

Explanation: **Horn of Africa** is the term used for the eastern African peninsula. Horn of Africa does not have a strict definition but it generally denotes the region containing the countries of **Djibouti, Eritrea, Ethiopia, and Somalia**.



Q.341) Consider the following statements regarding **Purchasing Manager's Index (PMI)**:

1. It only covers the manufacturing sector.
2. A reading above 50 denotes contraction in business activity.
3. It is released by National Statistical Office (NSO) under the Ministry of Statistics and Programme Implementation.

Which of the statements given above is/are correct?

- a) 1 and 2 only
- b) 2 and 3 only
- c) 3 only
- d) None of the above

Correct answer: D

Explanation: PMI or a **Purchasing Managers' Index (PMI)** is an indicator of business activity. It consists of several different surveys that are compiled into a single numerical result depending on one of several possible answers to each question.

Statement 1 is incorrect. The Purchasing Manager's Index is constructed for both **manufacturing as well as services sector**.

Statement 2 is incorrect. A reading above 50 suggests expansion in business activity and below 50 denotes contraction.

Statement 3 is incorrect. The PMI Data for India is published by Japanese firm Nikkei but compiled and constructed by **Markit Economics**.

Q.342) What is '**Cordyceps Militaris**' that has been in news recently?

- a) A species of fungus
- b) A French nuclear warhead missile
- c) United States Space Force's first mission
- d) An antiviral drug for COVID-19

Correct answer: A

Explanation: *Cordyceps militaris* is a fungus species that usually parasitizes insects. Bodoland University has claimed that it has developed a fungal powder, using a pinch of *C. militaris*, powdered through lyophilisation or freeze-drying at -80°C , to help people boost their immunity to diseases.

Q.343) Consider the following statements:

- 1. Locust attack can be countered by use of insecticides.
 - 2. The north-western boundary regions of India are more prone to Desert Locust attack.
- Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Both statements are correct.

Pesticide spraying is used to counter the locust attack. Its overuse has detrimental effect on crops and soil as well.

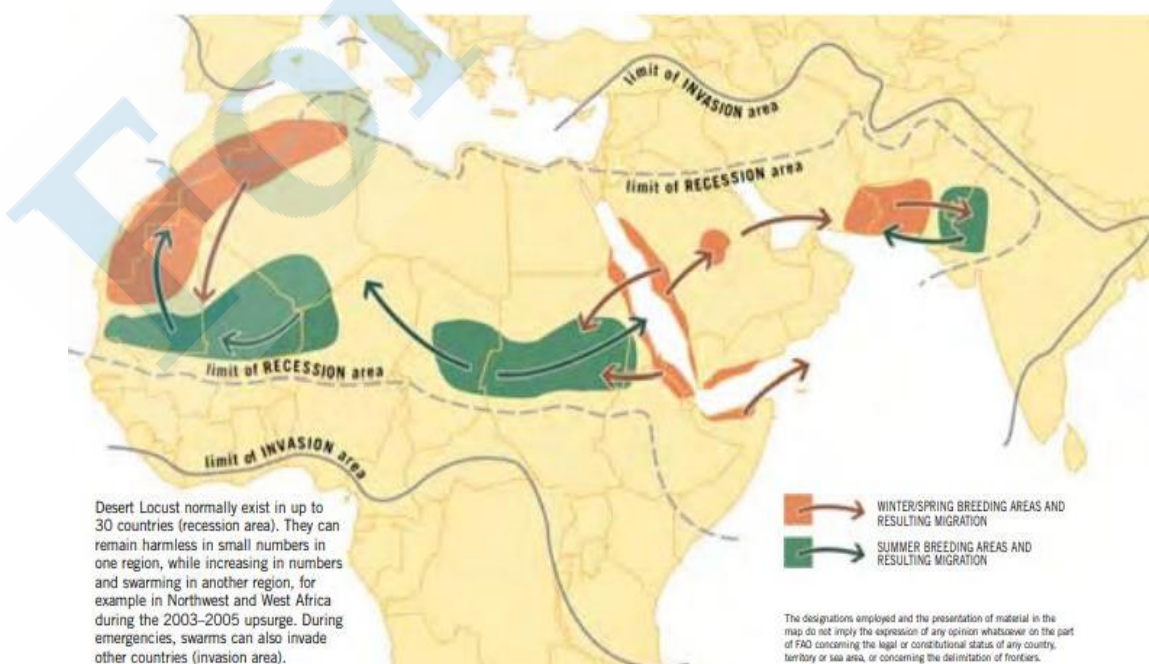
Ten types of chemicals divided into three categories are recommended to be used for controlling locusts by the United Nations Food and Agriculture Organization (FAO):

First is **mycoinsecticide** (for instance, *Metarhizium acridum*). This is of low risk to non-target organisms including birds and reptiles which ingest the treated locusts.

Second are **insect growth regulators** (like diflubenzuron, teflubenzuron and triflumuron).

Third is **Organophosphates** (like Chlorpyrifos), it is most potent.

Desert Locust swarms usually enter India from western boundary through Pakistan; therefore Western Indian regions are more prone to Locust attacks.



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Q.344) Consider the following statements regarding **African Union**:

1. All countries of the Africa Continent are members of the union.
2. Madagascar is a member country to the African Union.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Statement 1 is correct. **The AU is made up of 55 Member States which represent all the countries on the African continent.**

Statement 2 is correct. Only an African country can become a member of the Union. **Madagascar is a member country to the African Union;** it is part of the Africa Continent.

Q.345) Consider the following statements:

1. Constitution of India provides for use of English language in proceedings of the Supreme Court.
2. The Governor of a State may, with the previous consent of the President, authorize the use of the Hindi language in a High Court.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Both statements are correct.

Article 348 of the Constitution provides that unless the Parliament provides by law, the proceedings in **Supreme Court and High Courts shall be in English language.**

It also provides that **Governor of a State may**, with the previous consent of the President, authorize the use of the Hindi language, or any other language used for any official purposes of the State, in proceedings in the High Court having its principal seat in that State.

Q.346) Which of the following is correctly matched?

1. Durbuk - Ladakh
2. Sumdorong Chu - Uttarakhand
3. Doklam - Arunachal Pradesh

Select the correct answer using the code given below:

- a) 1 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All of the above

Correct answer: A

Explanation: Option 1 is correct. **Darbuk** is a village between Chang La mountain pass and Tangste on the way to Pangong Tso Lake in **Ladakh UT**.

Option 2 is incorrect. **Sumdorong Chu** is in the Tawang district of **Arunachal Pradesh**. The 1987 China-India military conflict between the Chinese People's Liberation Army Ground Force and Indian Army that occurred at the Sumdorong Chu Valley.

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Option 3 is incorrect. **Doklam** is an area with a plateau and a valley, lying between China's Chumbi Valley to the north, Bhutan's Ha Valley to the east and India's Sikkim state to the west. India supports **Bhutan's** claim over the area.

Q.347) Consider the following statements regarding **Operation Warp Speed**:

1. It is aimed at developing vaccines and therapeutics for COVID-19.
2. It is a global initiative of the World Health Organisation.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: A

Explanation: Statement 1 is correct. **Operation Warp Speed** is a public-private partnership to facilitate the development, manufacturing, and distribution of **COVID-19 vaccines, therapeutics and diagnostics**.

Statement 2 is incorrect. It is an initiative of **United States government** involving Centers for disease control (CDC), Food and Drug Administration (FDA), National institute of health (NIH), the Department of Defense; private firms; and other federal agencies.

Q.348) **India and Australia** both are members to which of the following groups or summits?

1. Quad
2. G-20
3. Indian Ocean Rim Association
4. East Asia Summit

Select the correct answer using the code given below:

- a) 1, 2 and 3 only
- b) 1, 2 and 4 only
- c) 3 and 4 only
- d) All of the above

Correct answer: D

Explanation: Quadrilateral Security Dialogue or **Quad** is an informal strategic dialogue between the **United States, Japan, Australia and India**.

India and Australia both are members of the **G-20** as well as the Indian Ocean Rim Association (**IORA**).

The membership of **East Asia Summit** consists of ten ASEAN Member States, **Australia**, China, **India**, Japan, New Zealand, Republic of Korea, Russian Federation and the USA.

Q.349) Consider the following statements regarding the **India-China border**:

1. India has longest share of its land border with China.
2. Jammu & Kashmir is the westernmost and Arunachal Pradesh is the easternmost state of India sharing border with China.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

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Correct answer: D

Explanation: Statement 1 is incorrect. India has 15,106.7 Km of land border and a coastline of 7,516.6 Km including island territories. **India shares its longest land border with Bangladesh (4096.7 Km).**



Statement 2 is incorrect. Jammu and Kashmir is not a state and neither does it share border with China. **Ladakh UT in west and Arunachal Pradesh state in east** are corners of India's border with China.

Q.350) Consider the following statements regarding **National Career Service (NCS)** project:

1. It is a mission mode project under the Ministry of Human Resource & Development.
2. Its services can be availed through NCS portal, Common Service Centers and post offices.
3. It offers free online "Career Skills Training" to its registered job-seekers.

Which of the statements given above is/are correct?

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All of the above

Correct answer: B

Explanation: Statement 1 is incorrect. **National Career Service** is one of the mission mode projects under the umbrella of E-Governance Plan; it is implemented by the **Ministry of Labour and Employment**.

It brings together all stakeholders like job seekers, employers, counselors, trainers and private placement agencies to facilitate convergence.

Statement 2 is correct. Its services can be availed through **NCS portal, NCS Career Centers, Common service centers and post offices**.

Statement 3 is correct. National Career Service (NCS) portal has started offering free online **"Career Skills Training" in partnership with TCS ION** for its registered job-seekers. The course is on soft skills, it assists the learners in enhancing personality development with

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modules on corporate etiquette, improving interpersonal skills, making impactful presentation including other necessary soft skills demanded by the industry today.

Q.351) Consider the following statements:

1. GDP deflator is the ratio of nominal GDP to the real GDP.
2. The real GDP for a year can never be more than the nominal GDP.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: A

Explanation: Statement 1 is correct. The **GDP deflator**, also known as the **implicit price deflator**, measures the changes in prices for all of the goods and services produced in an economy. It is the **ratio of the value of goods and services an economy produces in a particular year at current prices to that of prices that prevailed during the base year**.

$$\text{GDP price deflator \%} = (\text{nominal GDP} \div \text{real GDP}) \times 100$$

Statement 2 is incorrect. Real GDP takes into consideration adjustments for changes in inflation. This means that **if inflation is positive real GDP will be lower than nominal and vice versa**.

An economy going through deflation will affect the Real GDP as by adjusting for deflation, the Real GDP will be higher than the Nominal GDP because prices go down during deflation.

Q.352) Consider the following statements regarding **Wari-Warkari** tradition:

1. Wari is the annual pilgrimage to the Dwarkadhish Temple, Gujarat.
2. Dnyaneshwar, Namdev and Tukaram are notable saints of the Warkari tradition.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. Wari is an annual pilgrimage to the town of **Pandharpur, Maharashtra** which is the seat of Hindu **God Vithoba**, in honor of the deity.

Statement 2 is correct. **Warkari means one who performs the Wari**. Notable Warkaris include **Dnyaneshwar, Namdev, Chokhamela, Eknath, and Tukaram**. Palakhis (palanquin) carrying the 'paduka' of the deity and various saints are taken from their respective shrines to Pandharpur.

Q.353) Which of the following is/are provided for by the **Article 21 of India's constitution**?

1. Right to life
2. Right to personal liberty
3. Legal exception to the right to life and personal liberty

Select the correct answer using the code given below:

- a) 1 and 2 only
- b) 2 only
- c) 1 and 3 only

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d) All of the above

Correct answer: D

Explanation: All of the above are provided by the article 21 of Indian constitution.

Article 21 states “No person shall be deprived of his life or personal liberty except according to a procedure established by law.”

It provides **two explicit rights, i.e. life and personal liberty** while providing an explicit exception to the lawful procedure.

In **Maneka Gandhi v Union of India, 1978**; the Supreme Court stated that the procedure prescribed by law for depriving a person of life and personal liberty must be “right, just and fair” and not “arbitrary, fanciful and oppressive,”.

Q.354) The **COVID-19 Technology Access Pool (C-TAP)** is an initiative of:

- a) Indian Council of Medical Research, India
- b) World Health Organisation
- c) Centers for Disease Control and Prevention, USA
- d) National Institute of Virology

Correct answer: B

Explanation: The **COVID-19 Technology Access Pool (C-TAP)** is an initiative launched by the **World Health Organisation (WHO)**. It was first proposed by Costa Rica.

It will compile, in one place, pledges of commitment made under the Solidarity Call to Action to voluntarily share COVID-19 health technology related knowledge, intellectual property and data. The Pool will draw on relevant data from existing mechanisms, such as the Medicines Patent Pool and the UN Technology Bank-hosted Technology Access Partnership.

Q.355) Consider the following statements regarding **Financial Stability and Development Council (FSDC)**:

- 1. It is a statutory body under the Banking Regulation Act, 1949.
- 2. It is chaired by the Governor of Reserve Bank of India.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: D

Explanation: Both statements are incorrect.

Financial Stability and Development Council (FSDC) is a **non-statutory** apex level body setup in 2010 with an aim to strengthen and institutionalize the mechanism for maintaining financial stability, enhancing inter-regulatory coordination and promoting financial sector development

Raghuram Rajan Committee on Financial Sector Reforms (2008) had recommended creation of such super regulatory body.

It is **chaired by the Union Finance minister** and its members include: a) Heads of Financial Sector Regulators (RBI, SEBI, PFRDA & IRDA) b) Secretaries of various Departments c) Chief Economic Adviser d) Minister of state responsible for the Department of Economic Affairs (DEA) e) Chairperson of the Insolvency and Bankruptcy Board of India (IBBI) among others.

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Q.356) Consider the following statements regarding the **PAi chatbot**:

1. It is an artificial intelligence based chatbot launched by National Payments Corporation of India (NPCI).
 2. It aims to raise awareness on FASTag, AEPS, UPI on real time basis.
- Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Both statements are correct.

National Payment Corporation of India (NPCI) has launched an artificial intelligence (AI) based chatbot named PAi.

PAi is available for helping users with access **to accurate information on NPCI products** like FASTag, UPI, AEPS etc. Customers can ask their queries in English and Hindi, via text or voice on the websites of NPCI, RuPay, and UPI Chalega.

Q.357) Consider the following statements regarding the **Industrial Disputes Act, 1947**:

1. It empowers the Central government to constitute National Industrial Tribunals.
 2. Army, Navy and Air force personnel are not considered as 'workmen' under the act.
- Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Statement 1 is correct. Section 7-B of the **Industrial Disputes Act, 1947** provides for **National Industrial Tribunals**, it states that the **Central Government may**, by notification, constitute one or more National Industrial Tribunals for the adjudication of industrial disputes which involve questions of national importance or are of such a nature that industrial establishments situated in more than one State are likely to be affected by such disputes.

Statement 2 is correct. The 'workmen' under the act does not include people subject to the **Air Force Act, Army Act, Navy Act**, or one who is employed in the police service or as an officer or other employee of a prison; or one who is employed mainly in a managerial or administrative capacity.

Q.358) Access to COVID-19 Tools (ACT) Accelerator is an initiative of:

- a) World Health Organization
- b) Indian Council for Medical Research
- c) Centers for Disease Control, USA
- d) National Institute of Virology, Pune

Correct answer: A

Explanation: It is a Global Collaboration led by WHO to speed up the development, production of COVID-19 diagnostics, therapeutics and vaccines and ensure equal access to treatments for rich and poor. The initiative aims to mobilize the significant resources needed to advance work towards protecting the world from COVID-19.

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Q.359) Which of the following is analyzed by World Motorcycle Test Cycle (WMTC)?

- a) Fuel consumption and emissions
- b) Vehicle safety standards
- c) Speed range for vehicles
- d) Durability of the vehicle

Correct answer: A

Explanation: The **World Motorcycle Test Cycle (WMTC)** is a system of driving cycles used to measure fuel **consumption and emissions** in motorcycles.

The methods are stipulated as part of the Global Technical Regulation established under the United Nations' World Forum for Harmonization of Vehicle Regulations.

The Ministry of Road Transport and Highways has recently issued notification regarding the emission norms for L7 (Quadricycle) category for BS VI. This notification completes the process of BS VI for all L, M and N category vehicles in India. The emission norms are in line with EU with WMTC cycle.

Q.360) Which of the following is correct regarding **Baumol's cost disease**?

- a) Raise in wages of productive sectors leading to rise in salary in other sectors
- b) Raise in wages of non-productive sectors leading to rise in wages in other sectors
- c) Raise in cost of products leading to their lower demand
- d) Raise in cost of products leading to their higher demand

Correct answer: A

Explanation: **Baumol's cost disease** is the rise of salaries in jobs/sectors that have experienced no or low increase of labor productivity, in response to rising salaries in other jobs/sectors that have experienced higher labor productivity growth therefore 'cost disease' is a sector where costs rise, outpacing the value of services rendered by it and is less rewarding than the other engines of economic growth..

Q.361) Which of the following is measured by **Tax Buoyancy**?

- a) Inflation with respect to tax collection
- b) Tax collection with respect to tax rate
- c) Tax collection with respect to GDP growth
- d) Tax collection with respect to taxable population

Correct answer: C

Explanation: Tax buoyancy is an indicator to assess the **efficiency of the government's taxation** system. It measures the relationship between the government's revenue and GDP growth of the economy, i.e. the responsiveness of tax revenue growth to changes in GDP. When a tax is buoyant, its revenue increases without increasing the tax rate.

Q.362) Consider the following statements regarding the **Antarctic Impulsive Transient Antenna (ANITA)**:

1. It is an ISRO experiment at Bharati research station in Antarctica.
2. It studies ultra-high-energy (UHE) cosmic neutrinos.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

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Correct answer: B

Explanation: Statement 1 is incorrect. This is a **NASA experiment** involving an array of radio antennas attached to a **helium balloon** which flies over the Antarctic ice sheet at 37,000 meters.

Statement 2 is correct. It is designed to study **ultra-high-energy (UHE) cosmic neutrinos** by detecting the radio pulses emitted by their interactions with the Antarctic ice sheet.

Q.363) Consider the following statements regarding **CoAST India (Collaboration/Covid Action Support Group)**:

1. It is a GIS-enabled dashboard that maps COVID-19 patients in real time.
2. It has been launched by the Ministry of Health and Family Welfare.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: D

Statement 1 is incorrect. The **CoAST India** is a GIS-enabled dashboard that maps the **movement of migrants** in real time. It draws information from various organizations on the ground and aims to make such data available so that it would enable governments and small local civil society groups to be of assistance.

Statement 2 is incorrect. It has been launched by **India Observatory** in collaboration with Anand based **Forest Ecological Security (FES)** as its main nodal point.

Q.364) Consider the following statements regarding **Katkari tribe**:

1. They are original inhabitants of Nelong Valley in Uttarakhand.
2. Katkari is one of the Particularly Vulnerable Tribal Groups.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: B

Explanation: Statement 1 is incorrect. **Katkari tribal people** mostly live in Maharashtra. They are bilingual, speaking the Katkari language, a dialect of the Marathi-Konkani languages.

Statement 2 is correct. **Katkari is one of the 75 Particularly Vulnerable Tribal Groups**, as per the classification by **Ministry of Home Affairs**.

There are certain tribal communities who use a pre-agricultural level of technology, face stagnant or declining population growth, and are equipped with only an extremely low level of literacy and a subsistence level of economy. 75 such groups of tribals in 18 States and one Union Territory have been identified and categorized as Particularly Vulnerable Tribal Groups (PVTGs).

Q.365) The **Roman Space Telescope** is a space observatory project of:

- a) European Space Agency
- b) NASA
- c) Both (a) and (b)
- d) None of the above

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Correct answer: B

Explanation: The **Nancy Grace Roman Space Telescope** or Roman Space Telescope will be a **NASA observatory** designed to settle essential questions in the areas of dark energy, exoplanets and infrared astrophysics.

NASA has named its next-generation space telescope currently under development, the Wide Field Infrared Survey Telescope (WFIRST), in honor of Nancy Grace Roman, NASA's first chief astronomer.

Q.366) Consider the following statements:

1. The wet-bulb temperature considers the moisture in air due to evaporation.
2. The dry-bulb temperature is always higher than the wet-bulb temperature.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: A

Explanation: Statement 1 is correct. **Wet-bulb temperature** is the temperature indicated by a moistened thermometer bulb exposed to the air flow.

The **Dry Bulb Temperature** refers basically to the ambient air temperature. It is called "Dry Bulb" because the air temperature is indicated by a thermometer not affected by the moisture of the air.

Statement 2 is incorrect. The wet bulb temperature is lower than the dry bulb temperature but will be **identical with 100% relative humidity** (the air is at the saturation line).

Q.367) Consider the following statements regarding the **Dark Web**:

1. Its content is not indexed by the conventional internet search engines.
2. The content of the Dark Web is not stored online.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: A

Explanation: Statement 1 is correct. **Surface Web** is anything that a search engine can find and index while the Deep Web is anything that a search engine does not index. The **Dark Web** is a smaller portion of the **Deep Web** that has been intentionally hidden and is inaccessible through standard web browsers.

Statement 2 is incorrect. The content of Dark Web is stored online and can be accessed using specific software. Many dark web sites simply provide standard web services with more secrecy, but it has been misused as online marketplaces for drugs, exchanges for stolen data, and other illegal activities.