# **Forum** AS

# 10 PM Current Affairs Quiz Compilation

November, 2021

#### SCHEMES AND PROGRAMS - PROGRAMS - MISSIONS

# Q.1) Which of the following diseases is/are covered under Universal Immunization Programme (UIP)?

- 1. Japanese Encephalitis
- 2. Rubella
- 3. Malaria

#### Select the correct answer from the codes given below:

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

#### **Correct Answer: A**

#### Explanation:

UIP covers the following 12 diseases:

- Diphtheria, Pertussis, Tetanus, Polio, Measles, Rubella, severe form of Childhood Tuberculosis, Rotavirus diarrhea, Hepatitis B and Meningitis & Pneumonia caused by Haemophilus Influenzae type B
- Sub-nationally against 2 diseases Pneumococcal Pneumonia and Japanese Encephalitis.
- Among these, Pneumococcal Conjugate vaccine is nationally expanded while JE vaccine is provided only in endemic districts.

Source: Article

# Q.2) With reference to National Commission for Women (NCW), consider the following statements:

- 1. It is a constitutional body.
- 2. Chairperson of the commission is appointed by the President 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.

- NCW is a statutory body.
- Chairperson of the commission is appointed by the Central Government.

Source: Article

# Q.3) With reference to Lakhpati SHG women initiative, consider the following statements:

- 1. The initiative aims to enable both rural and urban Self-Help Group (SHGs) women to earn at least Rs.1 lakh per annum.
- 2. It has been launched by Ministry of Skill Development and Entrepreneurship.



### 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 initiative is aimed at rural SHG women.
- It has been launched by Ministry of Rural Development

**Source**: Article

- **Q.4)** Other than India, which of the following group of countries border Myanmar:
- a) Bangladesh, Thailand and Vietnam
- b) Cambodia, Laos and Malaysia
- c) Thailand, Vietnam and Malaysia
- d) Thailand, Laos and Bangladesh

#### **Correct Answer D**

#### Explanation

Source:Indian Express

- **Q.5)** Which of the following statements explains the objective of "Har Ghar Dastak" campaign?
- a) To provide Public Distribution System products to every household.
- b) To provide gas connection to all BPL families.
- c) To provide primary health care kit to all citizens.
- d) To provide Covid vaccine in poor-performing districts.

#### Correct Answer: D

#### Explanation

The Centre has launched a mega vaccination campaign- 'Har Ghar Dastak' with a view to speed up Covid -19 vaccination drive. The door-to-door vaccination campaign will be carried out for a month and aimed towards full vaccination in poor-performing districts.

Source: PIB

#### Q.6) With reference to Dairy Sahakar Scheme, consider the following statements:

- 1. The scheme will encourage the cooperative dairy businesses in the country.
- 2. National Dairy Development Board (NDDB) is the implementing agency for 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: A

#### **Explanation**

• Statement 1 is correct

• **Statement 2 is incorrect**: National Cooperative Development Corporation (NCDC) under the Ministry of Cooperation.

Source: Article

#### Q.7) Mihir Shah committee sometimes seen in news is associated with?

a) Small scale industries and trade policy reform

- b) On working of the capital market infrastructure institutions (MIIs)
- c) Civil Services Reform
- d) Drafting a new water policy

#### **Correct Answer: D**

#### **Explanation**

• Mihir Shah committee was formulated to draft a new National Water policy (NWP)

About Mihir Shah Committee

Source: Article

#### Q.8) With reference to e-Chhawani, consider the following statements:

- 1. It is a citizen-centric project of Ministry of Home Affairs.
- 2. The services provided are in a paperless, faceless and cashless environment.

#### Which of the statements given above is/are incorrect?

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

#### Correct Answer: A

#### **Explanation**

- Statement 1 is incorrect: Portal is a project of Ministry of Defence.
- Statement 2 is correct: The services provided by the portal include a grant of Trade licences, renewal of leases, water and sewerage connections, Births and Deaths certificates, appointments in cantonment hospitals among others.

Source: Article

# Q.9) With reference to Ayushmaan CAPF Scheme health cards, consider the following statements:

- 1. The scheme covers serving personnel and their dependents from both Assam Rifles and Border Security Force (BSF).
- 2. Scheme covers patient healthcare facilities at all Hospitals empanelled under Ayushmaan Bharat PM-JAY and Central Government Health Scheme (CGHS).
- 3. It is a joint initiative of the Ministry of Home Affairs (MHA) and Ministry of Defence.

#### 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) 1, 2 and 3

#### Correct Answer: A

#### **Explanation**

- Statement 1 is correct
- Statement 2 is correct
- **Statement 3 is incorrect**: It is a joint initiative of the Ministry of Home Affairs (MHA), Ministry of Health and Family Welfare (MoHFW) and National Health Authority (NHA).

Source: Article

# Q.10) With reference to National Brain Research Centre (NBRC), consider the following statements:

- 1. It has been recognized as an Institution of Excellence by the Govt of India.
- 2. Its mandate is to study brain functions in health and diseases using innovative multidisciplinary approaches in basic and translational 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: c

#### Explanation:

#### Both statements are correct.

- **NBRC** was established in the year 1999 as an autonomous institution under the Societies Registration Act of 1860.
- **Nodal Ministry:** NBRC is an autonomous institute funded by the Department of Biotechnology and is also a Deemed-to-be University. The government of India has also recognised NBRC as an Institution of Excellence.
- **Mandate:** To study brain functions in health and diseases using innovative multidisciplinary approaches in basic and translational research.

Source: Article

# Q.11) With reference to Cyber Surakshit Bharat initiative, consider the following statements:

- 1. It includes a series of workshops on best practices and enablement of the officials with cybersecurity health tool kits to manage and mitigate cyber threats.
- 2. It is based on a public-private partnership model.
- 3. Initiative has been launched by Ministry of Electronics and Information Technology (MeitY).

#### 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) 1, 2 and 3

# Correct Answer: D

#### Explanation

- Launched by: Ministry of Electronics and Information Technology (MeitY) in 2018.
- **Aim:** To spread awareness about cybercrime and build capacity for safety measures for Chief Information Security Officers (CISOs) and frontline IT staff across all government departments.
- **Principles:** The initiative will be operated on the three principles of Awareness, Education and Enablement. It will include an awareness program on the importance of cybersecurity; a series of workshops on best practices and enablement of the officials with cybersecurity health tool kits to manage and mitigate cyber threats.
- **Significance:** It is the first of its kind public-private partnership that leverages the expertise of the IT industry in cybersecurity along with MeitY's organisations such as CDAC, CERT-In, NIC and STQC as the knowledge partners.

Source: Article

### Q.12) With reference to Yuktidhara portal, consider the following statements:

- 1. It is a geospatial planning portal under Bhuvan.
- 2. It has been launched by Ministry of Science and Technology in collaboration with ISRO.
- 3. It will serve as a repository of geotags created under various national rural development programmes.

#### 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) 1, 2 and 3

#### Correct Answer: c

- Statement 1 and 3 are correct
- **Statement 2 is incorrect**: The portal has been launched by Ministry of Rural Development.

Source: Article

#### Q.13) With reference to Deep Dive Training Programme, consider the following:

- 1. It is a nation-wide adaptive scuba diving programme for people with disabilities as well as the able-bodied.
- 2. The programme is launched by Ministry of Water Resources.

#### 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 six-day training programme that aims to create awareness around cyber security and develop an empowered and strong cyber ecosystem in Government organizations in India.



**Statement 2 is incorrect: Launched by:** National e-Governance Division, Ministry of Electronics and IT under the Cyber Surakshit Bharat initiative.

Source: Article

# **Q.14) National Multi-Dimensional Poverty** Index, is released by which of the following organization?

- a) Ministry of Social Justice and Empowerment
- b) Ministry of Labor and Employment
- c) Niti Aayog
- d) Institute for Human Development

#### **Correct Answer C**

#### **Explanation**

**Statement c is correct:** NITI Aayog is the nodal Ministry for the National Multidimensional Poverty Index (MPI).

Source: Indian Express

#### Q.15) With reference to Anaemia Mukt Bharat, consider the following statements:

- 1. It aims to reduce the prevalence of anaemia among children, adolescents and women in the reproductive age group of 15 49 years.
- 2. It is targeting a reduction rate of more than fifty per cent by 2022 under the programme.

#### 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**: Anaemia Mukt Bharat (AMB) Programme was launched in 2018 by the Ministry of Health and Family Welfare to reduce the prevalence of anaemia among children, adolescents and women in the reproductive age group(15–49 years).
- **Statement 2 is incorrect**: The programme aims to reduce the proportion of anaemia among children to 40%, pregnant women to 32% and lactating women to 40% by 2022.

Source: Article

#### **Q.16)** With reference to **River Cities Alliance**, consider the following statements:

- 1. The alliance is a partnership of two Ministries i.e., Ministry of Jal Shakti and Ministry of Housing and Urban Affairs.
- 2. All Indian citites are member of the alliance.

#### 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.

**Statement 2 is incorrect**: There are 30 member cities in the alliance. These include: Dehradun, Haridwar, Rishikesh, etc.

Source: PIB

# Q.17) With reference to Atmosphere & Climate Research-Modelling Observing Systems & Services (ACROSS) scheme, consider the following statements:

- 1. The scheme addresses different aspects of weather and climate services which includes warnings for cyclones, storm surges, heatwaves, thunderstorms among others.
- 2. The scheme is implemented by the Ministry of Earth Sciences (MoES).

#### 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 the statements are correct.

Source: PIB

**Q.18)** With reference to **Directorate of Revenue Intelligence (DRI)**, consider the following statements:

- 1. It works under the Ministry of Home affairs.
- 2. Recently, DRI conducted Operation Molten Metal.

#### 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 works under the Central Board of Indirect Taxes & Customs (CBIC), Ministry of Finance.

Statement 2 is correct.

Source: DRI seizes of 85.535 kg gold, apprehends 4 foreign nationals in Operation "Molten Metal"

#### Q.19) With reference to O-SMART scheme, consider the following statements:

- 1. It is a flagship scheme of Ministry of Environment Forest and Climate Change.
- 2. It aims to develop technologies and exploratory surveys for the sustainable harnessing of oceanic resources
- 3. One of its sub-schemes is related to maintenance of research vessels.

#### 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) 1, 2 and 3

### Correct Answer: B

#### **Explanation**

- **Statement 1 is incorrect**: It is scheme by Ministry of Earth Sciences.
- Statement 2 & 3 are correct

Source: Article

### Q.20) With reference to Vaccine Maitri Programme, consider the following:

- 1. It is a humanitarian assistance of Indian government to provide vaccines against life threatening diseases like cancer to least developed countries.
- 2. Pakistan is not included in this 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

#### Explanation:

**Statement 1 is incorrect: Vaccine Maitri is** a humanitarian initiative undertaken by the Indian government to provide COVID-19 vaccines to countries around the world

**Statement 2 is correct:** Pakistan has not been named as a neighboring country which will get the vaccine.

**Source**: Article

#### Q.21) Raikas sometimes seen in news is a?

- a) caste of pastoralists from northwestern India
- b) Medieval water storage and irrigation structures
- c) A medicinal herb found in Western Ghats
- d) Sacred groves of Kerala

#### Correct Answer: A

#### **Explanation:**

• The Raikas are a specialized caste of pastoralists from northwestern India, particularly the arid and semi-arid parts of Rajasthan. Although they also raise goats, cattle, sheep, and water buffalo, the most important animal for Raika's cultural identity is the camel. The Raika and their camels talk to each other; this language/conversation is called akaldhakaal.

Source: Article

# Q.22) With reference to National Apprenticeship Training Scheme, consider the following statements:

- 1. It is a one-year programme equipping youth with practical knowledge and skills required in their field of work.
- 2. It is a flagship programme of Ministry of Skill Development and Entrepreneurship

#### 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**: It is a one-year programme equipping youth with practical knowledge and skills required in their field of work. The Apprentices will be **imparted training by** industry and commercial organisations.
- **Statement 2 is incorrect:** The National Apprenticeship Training Scheme is the flagship programme of the Ministry of Education for Skilling Indian Youth.

**Source**: Article

#### Q.23) With reference to National Family Health Survey, consider the following statements:

- 1. India conducted the First Round of NFHS immediately after Independence.
- 2. It is released by the Ministry of Health and Family Welfare (MOHFW).

#### 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: First Round of NFHS conducted in 1992-93.

#### Statement 2 is correct.

Source: What is National Family Health Survey (NFHS)?

# **Q.24)** "Healthcare equity in urban India" report was released by which of the following organization?

- a) NITI Aayog
- b) Azim Premji University
- c) Ministry of Health and Family Welfare, Government of India
- d) Health in India forum

#### **Correct Answer: B**

#### **Explanation:**

Azim Premji University has released a report titled "Healthcare equity in urban India".

The report explores health vulnerabilities and inequalities in cities in India.It also looks at the availability, accessibility and cost of healthcare facilities and possibilities in future-proofing services in the next decade.

Source: Life expectancy lower for urban poor, says study

#### Q.25) With reference to Sanitation programmes in India, consider the following statements:

- 1. Central Rural Sanitation Programme focused on achieving Community-Led Total Sanitation.
- 2. Total Sanitation Campaign offered financial assistance to BPL homes to encourage the construction of 'individual household latrines'.

#### 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**: Central Rural Sanitation Programme offered financial assistance to below-poverty-line (BPL) homes to encourage the construction of 'individual household latrines' (IHHLs).

**Statement 2 is incorrect**: Total Sanitation Campaign focused on driving up demand for toilet adoption. Around 15% of its budget was dedicated to educational activities, along with continued financial assistance to BPL households.

To inculcate behaviour change, the campaign focussed on achieving Community-Led Total Sanitation (CLTS).

Source: Lessons from past sanitation policies for future efforts

#### Q.26) With reference to Shoonya Campaign, consider the following:

- 1. It is an initiative to promote zero-pollution delivery vehicles by working with consumers and industry.
- 2. NITI Aayog and Rocky Mountain Institute (RMI) and RMI India's have launched the Shoonya Campaign.

#### Which of the statements given above is/are incorrect?

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

#### **Correct Answer C**

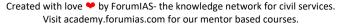
#### **Explanation:**

#### Both the statements are correct

Source: EVs for last-mile delivery could boost India's e-commerce sector

#### Q.27) With reference to Jigyasa Programme, consider the following:

1. It aims to connect school students and scientists so as to extend student's classroom learning with well-planned research laboratory-based learning.





2. It is implemented by the Council of Scientific and Industrial Research (CSIR) in collaboration with Kendriya Vidyalaya Sangathan (KVS).

#### 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 the statements are correct

Source: PIB

#### Q.28) With reference to SMILE Scheme, consider the following statements:

- 1. The scheme provides for the use of the existing shelter homes for rehabilitation of the persons engaged in the act of Begging.
- 2. It has been launched by Ministry of Social Justice and Empowerment.

#### 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 **Ministry of Social Justice and Empowerment** formulated the SMILE scheme - "SMILE – Support for Marginalized Individuals for Livelihood and Enterprise".

- Two Central Sector Schemes namely Comprehensive Rehabilitation of persons engaged in the Act of begging and Comprehensive Rehabilitation for Welfare of Transgender Persons have been merged in a single scheme named SMILE.
- **Focus** areas: Rehabilitation, provision of medical facilities, counselling, basic documentation, education, skill development, economic linkages and so on.
- The scheme would be implemented with the support of State/UT Governments/Local Urban Bodies, Voluntary Organizations, Community Based Organizations (CBOs), institutions and others.
- Features:
  - o The scheme provides for the use of the existing **shelter homes** available with the State/UT Governments and Urban local bodies for rehabilitation of the persons engaged in the act of Begging.
  - o In case of the non-availability of existing shelter homes, new dedicated shelter homes are to be set up by the implementing agencies.

Source: Article

# Q.29) With reference to SMART Policing Survey 2021, consider the following statements:

- 1. As per the findings of the survey the majority of citizens believe that the police are doing their job well.
- 2. The survey was released by 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: A**

#### **Explanation**

- **Statement 1** is **correct**: The majority of citizens (a weighted average of 66.93%) believes that the police are doing their job well and strongly support the police. This is despite being attacked for insufficient sensitivity, declining public confidence and growing concerns about the quality of policing.
- Statement 2 is incorrect: Survey has been released by Indian Police Foundation (IPF).

**Source**: Article

#### Q.30) With reference to Swachh Survekshan Awards, consider the following statements:

- 1. The first survey is conducted by Ministry of Housing and Urban Affairs (MoHUA).
- 2. Indore has been ranked the cleanest city in India for the fifth consecutive year for Population above 1 lakh category.

#### 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.

Swachh Survekshan is an annual survey of cleanliness, hygiene and sanitation in cities and towns across India. It was launched as part of the Swachh Bharat Abhiyan, which aimed to make India clean and free of open defecation by 2nd October 2019. The first survey was undertaken in 2016.

Conducted by: Ministry of Housing and Urban Affairs (MoHUA) with Quality Council of India (QCI) as its implementation partner.

Population above 1 lakh: Indore has been ranked the cleanest city in India for the fifth consecutive year. Surat and Vijayawada were ranked as the second and third-cleanest cities.

Population Below 1 lakh: Vita, Lonavala and Saswad all from Maharashtra, bagged the first, second and third positions respectively.

Source: President of India Graces Swachh Amrit Mahotsav and Presents Swachh Survekshan Awards 2021

# Q.31) With reference to special and differential treatment provisions (S&DT) of World Trade Organization (WTO), consider the following statements:

- 1. These provisions give developing countries special rights and allow other members to treat them more favorably.
- 2. Currently, any WTO member can designate itself as a developing country and avail these benefits.

#### 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.

• WTO agreements contain special provisions which give developing countries special rights and allow other members to treat them more favorably. These are called "special and differential treatment provisions" (abbreviated as S&D or SDT).

Currently, any WTO member can designate itself as a developing country and avail S&DT benefits. As a result of the self-selection process, there is a competition among members to get the developing country status. Several advanced countries have also taken developing country status. **Source**: Article

### Q.32) Justice Srikrishna Committee is related to which of the following:

- a) Data protection
- b) Cyber Security
- c) Monetary Policy
- d) Banking Reforms

#### **Correct Answer A**

**Statement a is correct:** A committee headed by retired Supreme Court Judge Justice BN Srikrishna has submitted its report on "Data Protection Framework" to the Government. The Supreme Court in its **Puttaswamy judgment, 2017** declared privacy a fundamental right. This set the government in motion to take steps to bring a new data protection legislation for the country.

The report has emphasized that interests of the citizens and the responsibilities of the state have to be protected, but not at the cost of trade and industry.

The Committee has also proposed a draft Personal Data Protection Bill.

Source: The Hindu

#### **Q.33) Tendulkar, Lakdawala committee is** related to which of the following:

- a) Cricket reforms
- b) Poverty estimation
- c) Recruitment Policy and selection methods
- d) Civil Service Reforms

#### **Correct Answer B**

#### **Explanation:**

Statement b is correct: Both the committees are related to poverty estimation in India

# Q.34) With reference to Start-up Village Entrepreneurship Programme (SVEP), consider the following statements:

- 1. The program supports the Self-Help Group (SHG) members and their family members to set up small enterprises in the farm sector.
- 2. It is a sub-scheme of the Deendayal Antyodaya Yojana-National Rural Livelihoods Mission (DAY-NRLM).

#### 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 enterprises are to be set up in non-farm sector.
- Statement 2 is correct

Source: Article

# Q.35) With reference to National Policy for Rare Diseases (NPRD) 2021, consider the following statements:

- 1. Under the policy a crowdfunding mechanism will also be employed to cover the cost of treatment.
- 2. A disease is considered rare by the WHO when it affects one in 1,000 people, or fewer.

#### 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 has introduced the National Policy for Rare Diseases, 2021 (NPRD), which aims to lower the cost of treatment of rare diseases. By committing to provide Rs 20 lakh to cover the one-time treatment cost of diseases falling under Group 1 through the Rashtriya Arogya Nidhi, the NPRD attempts to cover almost 40% of the population that is eligible under the Pradhan Mantri Jan Arogya Yojana. It will also make use of a **crowdfunding mechanism** to cover the cost of treatment.
- A disease is considered rare by the WHO when it affects one in 1,000 people, or fewer.

Source: Article

#### Q.36) With reference to PM Matsya Sampada Yojana, consider the following:

- 1. It is a maternity benefit scheme to promote the institutional deliveries in India.
- 2. It is under Ministry of Women and Child Development.

#### 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 a is incorrect:** It is a flagship scheme for focused and sustainable development of the fisheries sector in the country as a part of the Atma Nirbhar Bharat Abhiyan.

**Statement b is incorrect:** Nodal Ministry: Department of Fisheries, Ministry of Animal Husbandry, Dairying and Fisheries.

Read more: Pradhan Mantri Matsya Sampada Yojana

Source: Department of Fisheries organises a webinar on "Promotion of Inland Saline

Water Aquaculture"

#### Q.37) With reference to Ek Pahal campaign, consider the following statements:

- 1. Under the campaign, people will be encouraged to register under the Tele-Law Initiative.
- 2. It has been launched by Ministry of law and justice in association with 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: B

#### **Explanation:**

- **Statement 1 is correct:** Ek Pahal Campaign aims to mainstream legal aid and to actualize the aspiration of access to justice for every citizen. Under the campaign, people will be encouraged to register under the Tele-Law Initiative.
- Statement 2 is incorrect: The Ministry of Law and Justice in association with the National Legal Service Authority (NALSA) has launched the "Ek Pahal" Campaign.

Source: Article

#### Q.38) Global Drug Policy Index is released by?

- a) Harm Reduction Consortium
- b) World Federation Against Drugs
- c) Alliance for a Drug-Free world
- d) Vienna NGO Committee on Narcotic Drugs

#### Correct Answer: A

#### Explanation:

#### **About Global Drug Policy Index:**

• **Released by:** Harm Reduction Consortium



- **Purpose:** It is a unique tool that documents, measures and compares national-level drug policies, providing each country with a score and ranking that shows how much their drug policies and their implementation align with the UN principles of human rights, health and development.
- **Parameters**: It is composed of 75 indicators running across five broad dimensions of drug policy: criminal justice, extreme responses, health and harm reduction, access to internationally controlled medicines and development. Based on these indicators, each country is then given a total score ranging from 0 to 100 with 100 as the highest score.

Source: Article

# Q.39) Which among the following Indian cities is/are a part of UN Creative Cities Network (UNCCN)?

- 1. Chennai
- 2. Jaipur
- 3. Kochi

#### Select the correct answer from the codes given below:

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

#### Correct Answer: A

#### **Explanation:**

#### Kochi is not a part of UCCN.

#### Following Indian cities are part of UNESCO Creative Cities Network (UCCN)

- Chennai and Varanasi Cities of music;
- Jaipur City of crafts and folk arts;
- Mumbai City of film and
- Hyderabad City of gastronomy.
- Srinagar Crafts and Folk Arts category.

Source: Article

# Q.40) With reference to Global Resilience Index Initiative (GRII), consider the following statements:

- 1. It is an open-source resource that can be used in aggregated risk management across sectors and geographies.
- 2. Coalition for Disaster Resilient Infrastructure (CDRI) is a partner of the 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: C

#### Explanation:

Both statements are correct.



- A global coalition of 10 organizations launched the Global Resilience Index Initiative (GRII) November 9, 2021 to build a universal model for assessing resilience to climate risks. The curated, open-source resource can be used in aggregated risk management across sectors and geographies.
- GRII partners and supporters are:
  - o Coalition for Disaster Resilient Infrastructure (CDRI)
  - o Coalition for Climate Resilient Investment (CCRI)
  - o Fathom
  - o GEM Foundation
  - o Insurance Development Forum (IDF)
  - o Oasis Loss Modelling Framework
  - o UK Centre for Greening Finance and Investment (CGFI)
  - o United Nations office for Disaster Risk Reduction (UNDRR)
  - University of Oxford
  - o Willis Towers Watson

Source: <u>DTE</u>

### Q.41) With reference to e Shram portal, consider the following:

- 1. It aims to create a comprehensive database of unorganized employment in India.
- 2. It is launched by Ministry of Labour and Employment (MOLE).

#### 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 the statements are correct.

**About E Shram Portal:** To register 38 crore unorganized workers such as construction labourers, migrant workforce, street vendors, and domestic workers, among others.

- The workers will be issued an e-Shram card containing a 12-digit unique number.
- If a worker is registered on the eSHRAM portal and meets with an accident, he will be eligible for Rs 2.0 Lakh on death or permanent disability and Rs 1.0 lakh on partial disability.

Implementation: Government in States/UTs will conduct registration of unorganized workers across the country.

Source: Big claims of rapid economic formalization are suspect

# **Q.42)** With reference to **Star College Scheme**, consider the following statements:

- 1. The scheme support colleges and universities offering undergraduate education to improve science teaching across the country.
- 2. It is implemented by Ministry of Education.

#### 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 scheme support colleges and universities offering undergraduate education to improve science teaching across the country.

**Statement 2 is incorrect**: The Star College Scheme was initiated by the Department of Biotechnology(DBT) in 2008.

Source: <u>Union Minister launches first-ever Mentorship Programme for Young Innovators to</u> mark the 75th Year of India's Independence

### Q.43) Project Sampoorna is related to which of the following?

- a) Reducing Hunger
- b) Increasing healthy food intake
- c) Reducing child malnutrition
- d) Increasing health facilities

Correct Answer: C Explanation:

Project Sampoorna which was successfully implemented in Bongaigaon district of Assam is a model that can be easily implemented anywhere in reducing child malnutrition

Under this project, the mother of a healthy child of an Anganwadi Centre was paired with the target mother and they would be Buddy Mothers.

They were given diet charts to indicate the daily food intake of their children and would have discussions on all Tuesdays at the AWC.

Source: A vital cog in Bongaigaon's response in malnutrition

# Q.44) With reference to Integrated Ombudsman Scheme, consider the following statements:

- 1. It aims to further improve the grievance redress mechanism for resolving customer complaints against entities regulated by RBI.
- 2. The complaints not covered under the ombudsman scheme will continued to be attended to by the Customer Education and Protection Cells (CEPCs)

#### 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

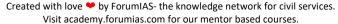
Correct Answer: C

Explanation

Both statements are correct.

#### Reserve Bank - Integrated Ombudsman Scheme

- **Aim:** To further improve the grievance redress mechanism for resolving customer complaints against entities regulated by RBI.
- The scheme is based on 'One Nation-One Ombudsman'. This means that there will be one portal, one email, and one address for customers to file their complaints.





- There will also be a **multilingual toll-free number** that will provide all relevant information on grievance redress.
- The complaints not covered under the ombudsman scheme will continued to be attended to by the **Customer Education and Protection Cells (CEPCs)** located in regional offices of RBI.

Source: Article

# Q.45) With reference to Rehabilitation Council of India (RCI), consider the following statements:

- 1. It can take punitive action against unqualified persons delivering services to persons with disabilities.
- 2. It is a registered society.

### 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
- **Statement 2 is incorrect**: It was initially formed as a registered society and became a statutory body later on.

Source: Article

#### Q.46) With reference to cGanga, consider the following statements:

- 1. It is a centre of excellence for data collection, the creation and dissemination of knowledge for the sustainable development of the Ganga River Basin.
- 2. It was launched at COP26 meeting at Glasgow.
- 3. It acts as a comprehensive think-tank to the National Mission for Clean Ganga (NMCG).

#### Which of the above statements is/are correct?

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

#### Correct Answer: C

#### **Explanation:**

- Statement 1 and 3 are correct.
- **Statement 2 is incorrect**: Centre for Ganga River Basin Management and Studies (cGanga) was established at the Indian Institute of Technology, Kanpur (IITK) in 2016.

**Source**: Article

# **Q.47)** With reference to **Swarna Jayanti Fellowships scheme**, consider the following statements:

1. Young scientists are provided special assistance and support to enable them to pursue basic research in frontier areas of science and technology.

2. It was instituted by the Government of India to commemorate India's fiftieth year of Independence (1997).

#### 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.

Swarna Jayanti Fellowships scheme was instituted by the Government of India to commemorate India's fiftieth year of Independence (1997).

Under the scheme, a selected number of young scientists are provided special assistance and support to enable them to pursue basic research in frontier areas of science and technology.

Duration: For a period not exceeding five years.

Source: DST selects 2020 Swarna Jayanti Fellows

#### Q.48) With reference to MPLADS scheme, consider the following statements:

- 1. Under the scheme, each MP can suggest works to the District Collector.
- 2. The nodal ministry for MPLADS is the Ministry of Rural Development.
- 3. It is a Central Sector Scheme.

#### 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) 1, 2 and 3

### Correct Answer: C

#### **Explanation:**

- Statement 1 and 3 are correct.
- **Statement 2 is incorrect**: Nodal ministry for MPLADS is the Ministry of Statistics and Programme Implementation (MoSPI).

Source: Article

#### Q.49) With reference to National Achievement Survey, consider the following statements:

- 1. It is a nationally representative large-scale survey of students' learning undertaken by the Ministry of Education.
- 2. The survey covered students of Class 3rd, 5th, 8th and 10th standard only.

#### 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 Achievement Survey(NAS) is a nationally representative large-scale survey of students' learning undertaken by the Ministry of Education.

The survey covered students of Class 3rd, 5th, 8th and 10th standard. It covered government, government-aided and private schools.

Source: National Achievement Survey 2021 has been conducted successfully across the country, with enthusiastic participation of schools and students

# Q.50) With reference to Pradhan Mantri Gram Sadak Yojana, consider the following statements:

- 1. It promotes the use of new and green technology in the construction of rural roads.
- 2. Locally available materials are used in road construction in order to promote cost-effective and fast construction.

#### 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.

#### **Features of PMGSY**

PMGSY promotes the use of new and green technology in the construction of rural roads. Locally available materials are used in road construction in order to promote cost-effective and fast construction.

It also envisages a three-tier Quality Assurance Mechanism to ensure the quality of road works during construction and post-construction.

Source: Cabinet approves continuation of Pradhan Mantri Gram Sadak Yojana (PMGSY)-I,PMGSY-II and Road Connectivity Project for Left Wing Extremism Affected Areas (RCPLWEA)

# **Q.51)** With reference to **Annual Status of Education Report**, consider the following statements:

- 1. The survey is conducted by Ministry of Education.
- 2. The survey is known for the range of insights it provides on levels of foundational learning at the elementary level.

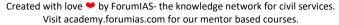
#### Which of the statements given above is/are correct?

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

#### Correct Answer: B

#### **Explanation**

**Statement 1 is incorrect**: The ASER survey is facilitated by Pratham Education Foundation. It is the oldest survey of its kind in the country.





**Statement 2 is correct**: The survey is known for the range of insights it provides on levels of foundational learning at the elementary level.

Source: School enrolment fell during pandemic: Annual Status of Education Report

# Q.52) With reference to Digital India National Land Record Modernization Programme (DILRMP), consider the following statements:

- 1. Two schemes namely Computerisation of Land Records (CLR) and Strengthening of Revenue Administration and updating of Land Records (SRA&ULR) were merged under DILRMP.
- 2. It is a centrally sponsored 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: A**

#### Explanation:

- Statement 1 is correct
- **Statement 2 is incorrect**: It is a central sector scheme launched in 2008. The programme was previously known as the National Land Record Modernization Programme (NLRMP).

Source: Article

### Q.53) Salami Slicing tactics sometimes seen in news are associated with?

- a) Acquisition of new territories.
- b) Hydraulic Fracturing
- c) Meat and poultry industry
- d) Diamond mining

#### Correct Answer: A

#### **Explanation:**

- Salami slicing is described as a strategy that involves the divide and conquer process of threats and alliances to overcome opposition and acquire new territories.
- The term was coined by Stalinist dictator Mátyás Rákosi during the 1940s. He used the term to justify the actions of the Hungarian Communist Party to grab complete power in Hungary.

Source: Article

#### Q.54) With reference to PM SVAMITA Scheme, consider the following statements:

- 1. The scheme aims to provide the 'record of rights' to village household owners and issuance of property cards to the property owners.
- 2. The scheme uses Traditional surveying techniques to create land records.

#### 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.

**Statement 2 is incorrect**: SVAMITVA Scheme uses the combination of Survey Grade Drones and CORS network (Continuously Operated Reference Stations) instead of Traditional surveying techniques.

Source: [Yojana October Summary] SVAMITA Scheme - Explained, pointwise

**Q.55) Jayant Kumar Dash committee** was sometime seen in news. The committee is related to which of the following sector?

- a) Online banking
- b) Financial inclusion
- c) Digital Lending
- d) E-Commerce

### Correct Answer: C

#### **Explanation:**

RBI had constituted the working group on digital lending including lending through online platforms and mobile apps under the chairmanship of Jayant Kumar Dash, Executive Director, RBI. The working group has now submitted its recommendations.

#### Key recommendations of the working group:

Legislation to curb Digital Lending: The group has recommended a separate legislation to prevent illegal digital lending activities.

Nodal Agency: A nodal agency should be set up which will verify the technological credentials of digital apps of balance sheet lenders and lending service providers. It will also maintain a public register of verified apps on its website.

Self-Regulation: RBI has mooted a Self-Regulatory Organisation for participants in the digital lending ecosystem.

Source: RBI working group warns on digital lending by big tech players

#### Q.56) With reference to Safai Mitra Suraksha Challenge, consider the following:

- 1. It aims at prevention, control and abatement of environmental pollution in river.
- 2. It is launched by Ministry of Jal Shakti.

#### 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 aims to prevent 'hazardous cleaning' of sewers and septic tanks and promote their mechanized cleaning.

**Statement 2 is incorrect:** Ministry of Housing and Urban Development has launched a weeklong awareness campaign on Safai Mitra Suraksha Challenge (SSC).

Source: Article

#### GEOGRAPHY - NATURAL RESOURCES AND RESOURCE DISTRIBUTION

#### Q.1) With reference to Samudrayan, consider the following statements:

- 1. It is India's first unique manned ocean mission that aims to send men into the deep sea in a submersible vehicle.
- 2. One of its aims is the exploration of gas hydrates and polymetallic manganese nodules.

#### 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.

#### About the mission

- It is India's first unique manned ocean mission that aims to send men into the deep sea in a submersible vehicle for deep-ocean exploration and mining of rare minerals.
- It will send three persons in a manned submersible vehicle MATSYA 6000 to a depth of 6000 metres into the sea for deep underwater studies.

**Note**: India completed the preliminary design of MATSYA 6000 and started the realization of the vehicle. The deepwater manned submersible will be ready for trials by the second quarter of 2024.

- With this, India will join the elite club of nations such as the USA, Russia, Japan, France and China to have such underwater vehicles for carrying out subsea activities.
- It will help in **carrying out deep ocean exploration** of the non-living resources such as polymetallic manganese nodules, gas hydrates etc located at a depth between 1000 and 5500 meters.

Source: Article

#### Q.2) Yamal Peninsula sometimes in news is located in which of the following?

- a) India
- b) Russia
- c) Kazakhstan
- d) Canada

#### Correct Answer: B

#### Explanation

• Yamal Peninsula is in Siberia, Russia. It is famous for a 2016 outbreak of anthrax which led to the culling of more than 2 lakh reindeer and killed one human.

Source: Article

#### **Q.3) Mullaperiyar dam** is located in which of the following state?

- a) Tamil Nadu
- b) Kerala
- c) Goa
- d) Andhra Pradesh

# Correct Answer: B Explanation:

The Mullaperiyar dam is located on the confluence of the Mullayar and Periyar rivers in Kerala's Idukki district. The dam intends to divert the waters of the west-flowing river Periyar eastward to the arid rain shadow regions of the Tamil Nadu.

According to a 999-year lease agreement made during the British rule the operational rights were handed over to Tamil Nadu. So, the dam is operated and maintained by the Tamil Nadu for meeting the drinking water and irrigation requirements of five of its southern districts.

Source: The Hindu

### Q.4) Ghagra river, is the tributary of which of the following river:

- a) Yamuna
- b) Ganga
- c) Godavri
- d) Brahmaputra

# Correct Answer B

#### **Explanation**

**Answer b is correct:** Ghaghara River is left bank tributary of Ganga River. This river originates in the Tibetan Plateau near Lake Manasarovar. After passing through the Himalayas in Nepal, it joins the Sharda River in India at Brahma Ghat. After a 970-kilometer journey through Uttar Pradesh and Bihar, it enters the Ganges below Chapra.

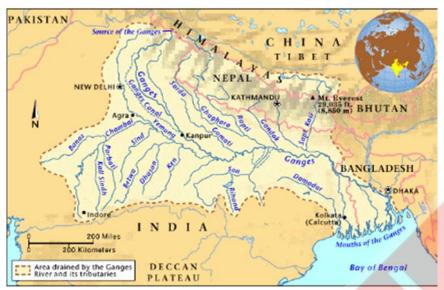
Source: TheHindu

#### Q.5) Which of the following are the tributaries of Ganga River?

- a) Sharda, Son and Gir
- b) Sutlej, Hindon and Tamsa
- c) Bhima, Yamuna and Ramganaga
- d) Ghagra, Ghandak and Son

Correct Answer D
Explanation:

Statement d is correct



Source: PIB

#### Q.6) Which of the following are the tributaries of Yamuna?

- a) Chambal, Hindon and Betwa
- b) Betwa, Ghagra and son
- c) Maner, Sabri and Chambal
- d) Chambal, Sabri and Tons

#### **Correct Answer A**

#### Explanation:

**Statement a is correct:** The important tributaries of the Yamuna River are Tons, Chambal, Hindon, Betwa and Ken. Other small tributaries of the Yamuna River include the Giri, Sind, Uttangan, Sengar and the Rind.

Source: Article

#### Q.7) Arrange the following islands from North to South:

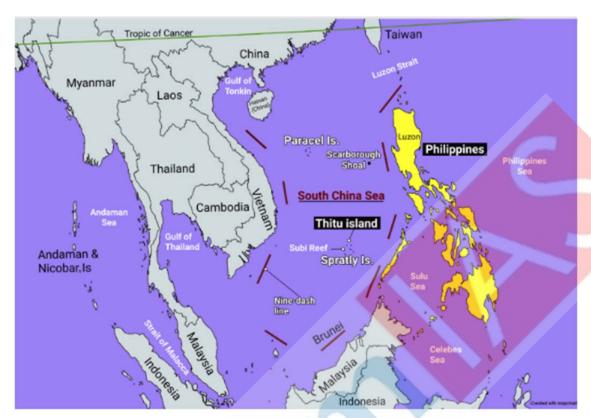
- 1. Spratly
- 2. Paracel
- 3. Thitu

#### Select the correct answer from the codes given below:

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

**Correct Answer: B** 

Explanation:



Source: Article

### Q.8) Kuthi Yankti is a tributary of which of the following rivers?

- a) Mandakini
- b) Kali
- c) Pindar
- d) Tons

# Correct Answer: B

#### **Explanation**

• Kuthi Yankti river is a tributary of Kali river.

Source: Article

### Q.9) Which of the following countries share their borders with Lithuania?

- 1. Poland
- 2. Russia
- 3. France

Select the correct answer using the codes given below

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

# Correct Answer: A

**Explanation:** 



Source: All India Radio

**Q.10)** With reference to **Seismic Hazard Map of India**, consider the following statements:

- 1. India has been divided into eight seismic zones and majority of India lies in Zone I.
- 2. Bureau of Indian Standards (BIS) is the official agency in India for publishing the seismic hazard maps and codes.

#### 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**: Previously, earthquake zones were divided into five zones with respect to the severity of the earthquakes but the Bureau of Indian Standards (BIS) grouped the country into four seismic zones by unifying the first two zones. Now, India has been divided into four seismic zones (II, III, IV, and V).

Statement 2 is correct.



#### ENVIRONMENT - ORGANISATIONS AND CONVENTIONS - ORGANISATIONS

# Q.1) With reference to Coalition for Disaster Resilient Infrastructure (CDRI), consider the following statements:

- 1. It is the first ever international collaboration set up by India in the climate change sphere.
- 2. CDRI aims to create infrastructure and seeks to play the role of a funding agency.

#### 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.

- It is not the first international collaboration set up by India in the climate change sphere. It is the second one after the International Solar Alliance (ISA).
- CDRI hopes to become a knowledge-network through which member countries can learn from each other and adopt best practices in the development of climate-resilient infrastructure. It doesn't aim to create infrastructure or play the role of a funding agency.

Source: Indian Express

#### **Q.2)** With reference to **Snow Leopards**, consider the following statement:

- 1. It is listed under Schedule 1 of Wildlife Protection Act 1972.
- 2. It is the state animal of Himachal Pradesh.
- 3. It is listed as Endangered in the IUCN Red List of species.

#### Which of the statements given above is/are correct?

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

#### Correct Answer: c

#### **Explanation:**

#### **About Snow Leopard**

State Animal: It is the State animal of Himachal Pradesh

**Indicator Species:** Snow Leopard (also known as Ghost of the mountains) acts as an indicator of the health of the mountain ecosystem in which they live. It is because of their position as the top predator in the food web.

#### **IUCN Red list Status:**

Vulnerable (VU)

Indian Wildlife (Protection) Act 1972: Schedule I. It is also listed in the Convention on Migratory Species (CMS).

Source: Zoonotic pathogens threaten humans, snow leopards in High Asia: Policy brief

# Q.3) Building climate resilience in the Asia Pacific region report, is published by which of the following organizations?

- a) UNEP
- b) WB
- c) IFAD
- d) UNCTAD

#### Correct Answer: C

#### Explanation:

• The report is released by IFAD.

Source: Article

# Q.4) With reference to new climate targets announced by India at COP26, consider the following statements:

- 1. India will meet 50% of its energy requirements from non-fossil sources by 2030.
- 2. The total projected carbon emissions will be reduced by one billion tonnes from now onwards till 2030.

### 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: India will meet 50% of its energy requirements from renewable energy source, not non-fossil sources (both are different), by 2030.
- Statement 2 is correct

**Source**: Article

#### Q.5) With reference to Green Grids Initiative, consider the following statements:

- 1. The initiative was first developed by a joint collaboration of India and UK climate experts.
- 2. One Sun declaration contains the initiative's aims.
- 3. It will lessen the need for storage and increase the viability of solar projects.

#### 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) 1, 2 and 3

#### Correct Answer: b

#### Explanation:

- Statement 1 is incorrect: The Green Grids Initiative was first developed by the Climate Parliament, an international network of climate legislators.
- Statement 2 is correct: India and UK Prime Ministers presented One Sun **Declaration**, endorsed by more than 80 countries, setting out OSOWOG's aims.

• Statement 3 is correct: All the energy humanity uses in a year is equal to the energy that reaches the earth from the sun in a single hour. By trading energy from sun, wind and water across borders, OSOWOG can deliver more than enough clean energy to meet the needs of everyone on earth. This will lessen the need for storage and increase the viability of solar projects.

Source: Article

# Q.6) With reference to The National Institute of Ocean Technology (NIOT), consider the following statements:

- 1. Its aim is to develop indigenous technologies for harvesting of both non-living and living resources in the Indian Exclusive Economic Zone (EEZ).
- 2. It is a statutory 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: A**

#### **Explanation:**

- **Statement 1 is correct**: The aim of NIOT is to develop reliable indigenous technologies to solve various engineering problems associated with harvesting of non-living and living resources in the Indian Exclusive Economic Zone (EEZ) which is about two-thirds of the land area of India.
- **Statement 2 is incorrect**: The National Institute of Ocean Technology(NIOT) was established in November 1993 as an autonomous society under the Ministry of Earth Sciences, Government of India.

Source: Article

#### Q.7) Which of the following cities have a glacier named after them?

- 1. Kyoto
- 2. Rio
- 3. Berlin
- 4. Copenhagen

#### Select the correct answer from the codes given below:

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

#### **Correct Answer: A**

#### Explanation

The newly named Glaciers:

- 1. **Geneva** is named after the world's first climate conference in 1979. It set up the body that reviews the science the Intergovernmental Panel on Climate Change (IPCC)
- 2. **Rio** commemorates the first Earth Summit in 1992 where the United Nations Framework Convention on Climate Change (UNFCCC) was opened for signatures

- 3. **Berlin** is named after the first Conference of Parties (COP) in 1995 which assessed the progress of dealing with climate change
- 4. **Kyoto** commemorates the formal adoption in 1997 of the protocol that legally bound developed countries to emissions reduction targets
- 5. **Bali** marks the release of the IPCC fourth assessment report (AR4) in 2007. Around this time, climate science began to enter the popular consciousness
- 6. **Stockholm** honours the IPCC fifth assessment report (AR5) approval session in 2014. This report represented the biggest ever coming together of scientists at the time.
- 7. **Paris** memorialises the agreement of a legally binding treaty in 2015 that aimed to limit global temperature rise to well below 2C, preferably below 1.5C
- 8. **Incheon** marks the meeting of the IPCC in 2018 to consider the special report on the impacts of 1.5 degrees of warming and the difference in risks of going to 2C
- 9. **Glasgow** hosts the 26th UN Climate Change Conference of Parties (COP26). Its aim is to embed strong policies to realise the goals set out in Paris six years ago

Copenhagen does not have a glacier named after it yet.

Source: Article

#### Q.8) With reference to Ganges River Dolphin, consider the following statements:

- 1. It comes under Schedule 1 of Wildlife Protection Act, 1972.
- 2. It is listed as Endangered under IUCN Red list of species.

#### 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**

### **About Ganges River Dolphin**

- Indian Wildlife (Protection), Act 1972: Schedule I.
- International Union for the Conservation of Nature (IUCN): Endangered.
- Convention on International Trade in Endangered Species (CITES): Appendix I (most endangered).
- Convention on Migratory Species (CMS): Appendix II (migratory species that need conservation and management or would significantly benefit from international cooperation).

Source: TheHindu

# Q.9) Sustainable urban cooling handbook report, is published by which of the following organizations?

- a) UNEP
- b) WB
- c) UNFCCC
- d) UN-Habitat

Correct Answer: A

**Explanation:** 

• Report is published by UNEP

Source: Article

#### Q.10) With reference to Climate TRACE, consider the following statements:

- 1. It is a joint initiative of Small Island Developing States (SIDS).
- 2. It is the world's first comprehensive accounting of GHG emissions based primarily on direct, independent observation.

#### 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: Climate TRACE (Tracking Real-Time Atmospheric Carbon Emissions) was launched in 2021 before COP26. It is a global coalition of nonprofits, tech companies, and universities.
- Statement 2 is correct: Climate TRACE is the world's first comprehensive accounting of GHG emissions based primarily on direct, independent observation.

Source: Article

#### Q.11) With reference to Lion Tailed Macaque, consider the following statements:

- 1. They are endemic to Western Ghats of India.
- 2. It is listed as endangered under the IUCN list of red species.

#### 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.

#### **About Lion Tailed Macaque:**

- The lion-tailed macaque (Macaca silenus) are endemic to the Western Ghats of India.
- It is a diurnal animal meaning it is active exclusively in daylight hours. Unlike other macaques, it avoids humans.
- IUCN Status: Endangered
- Schedule I of the Wildlife (Protection) Act 1972
- Appendix I of CITES
- **Threats:** a) Overpopulation b) Habitat destruction and c) Hunting among others.

Source: Telling Numbers: Roadkill and extinction risk for leopards in North India

#### **Q.12) Shakti Naval Exercise,** is held between India and which of the following country:

- a) Indonesia
- b) France



- c) Mongolia
- d) Russia

Correct Answer Explanation

Statement b is correct Source: Indian Express

#### Q.13) With reference to Race to Zero campaign, consider the following:

- 1. It aims to halve global emissions by 2030.
- 2. The campaign is led by United Nations

#### 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 the statements are correct

About Race to Zero campaign: Race to Zero is the UN-backed global campaign rallying non-state actors – including companies, cities, regions, financial and educational institutions – to take rigorous and immediate action to halve global emissions by 2030 and deliver a healthier, fairer, zero-carbon world in time.

Race To Zero mobilizes actors outside of national governments to join the **Climate Ambition Alliance.** 

Source: Green lending: World's biggest banks' latest initiative at COP26 is a step backwards

# Q.14) With reference to International Methane Emissions Observatory (IMEO), consider the following statements:

- 1. It aims to provide credible data to track countries progress on meeting methane reduction pledges.
- 2. It has been launched by WB in collaboration with UNEP.
- 3. It will focus only on methane emissions from the fossil fuel sector.

#### Which of the statements given above is/are correct?

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

#### **Correct Answer: A**

#### **Explanation:**

- Statement 1 is correct
- Statement 2 is incorrect: It has been launched by UNEP with support from EU.
- **Statement 3 is incorrect:** Initially it will focus on methane emissions from fossil fuel sector and then expand to other major emitting sectors like agriculture and waste.

**Source:** Article

# Q.15) With reference to Glasgow Declaration on Zero Emission Cars and Vans, consider the following statements:

- 1. It aims to ensure that only zero-emission cars and vans are sold by the year 2040.
- 2. It is a legally binding commitment.

#### Which of the statements given above is/are incorrect?

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

### **Correct Answer: B**

#### **Explanation:**

- Statement 1 is correct
- Statement 2 is incorrect: It is not a legally binding agreement.

Source: Article

#### Q.16) Talle Valley Wild life sanctuary is located in which of the following states?

- a) West Bengal
- b) Odisha
- c) Arunachal Pradesh
- d) Mizoram

#### Correct Answer: C

#### Explanation:

• The sanctuary is located in Arunachal Pradesh.

Source: The Hindu

#### **Q.17)** With reference to **Bats**, consider the following statements:

- 1. Bat droppings (guano) mined from caves are widely used as a fertilizer for agricultural crops.
- 2. Bats are reservoirs of viruses, and they fall sick frequently.
- 3. When bats are stressed, they shed more viruses.

#### 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) 1, 2 and 3

#### Correct Answer: C

#### Explanation:

#### Statement 1 and 3 are correct.

**Statement 2 is incorrect**: Bats are reservoirs for viruses, but they never fall sick. They have the ability to limit excessive inflammatory response which ensures they do not overreact to viral infections and protects them from multiple chronic age-related diseases.

Source: Ecological Significance of Bats - Explained, pointwise

## Q.18) With reference to Clydebank Declaration, consider the following statements:

- 1. The declaration aims to set up green shipping corridors, which are zero-emission maritime routes between 2 (or more) ports.
- 2. India is a signatory of the declaration.
- 3. The signatory countries will support the establishment of at least six green shipping corridors by 2050.

# 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) 1, 2 and 3

#### **Correct Answer: C**

## **Explanation**

Statement 1 and 3 are correct.

Statement 2 is incorrect: India has not signed the declaration yet.

Source: Countries at COP26 launch plan for net-zero shipping lanes

#### Q.19) With reference to Teinopalpus imperialis, consider the following statements:

- 1. It has been designated as state butterfly of Arunachal Pradesh.
- 2. It is protected under Schedule II of Wildlife (Protection) Act, 1972

# 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 State Cabinet of Arunachal Pradesh recently approved the large, brightly coloured Kaiser-i-Hind as the State butterfly.
- Kaiser-i-Hind (*Teinopalpus imperialis*) literally means Emperor of India. This butterfly with a 90-120 mm wingspan is found in six States along the Eastern Himalayas at elevations from 6,000-10,000 feet in well-wooded terrain.
- The butterfly also flutters in Nepal, Bhutan, Myanmar, Laos, Vietnam and southern China.

Source: The Hindu

# Q.20) With reference to Commission for Air Quality Management (CAQM), consider the following statements:

- 1. It includes members from both ISRO and NITI Aayog.
- 2. In case of any conflict its orders will prevail over the orders of the respective state governments.
- 3. All appeals against the Commission's orders will be heard by the Supreme Court.

## Which of the statements given above is/are correct?

a) 1 and 2 only

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

#### **Correct Answer: A**

#### Explanation:

- **Statement 1 is correct:** It includes ex-officio members from the central government and concerned state governments and technical members from CPCB, the Indian Space Research Organisation and NITI Aayog.
- **Statement 2 is correct**: In case of any conflict, the orders or directions of the Commission will prevail over the orders of the respective state governments, the Central Pollution Control Board (CPCB), state PCBs, and state-level statutory bodies.
- Statement 3 is incorrect: Appeals against Commission's orders are to be heard by NGT.

Source: Article

# Q.21) With reference to establishment of Sustainable Development Cell by the Min of Coal, consider the following statements:

- 1. One of its aims is to ensure a gradual winding down of coal mines in the country.
- 2. It will also monitor the mitigation measures taken by coal companies.

## 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 aims to promote environmentally sustainable coal mining in the country and to address environmental concerns during mining operation and till the decommissioning or final closure of mines. It doesn't aim at gradual shut down of the mines.
- **Statement 2 is correct:** It also aims to advise, mentor, plan and monitor the mitigation measures taken by coal companies.

Source: Article

#### Q.22) Pakke Tiger Reserve is located in which of the following states?

- a) West Bengal
- b) Arunachal Pradesh
- c) Tripura
- d) Madhya Pradesh

#### Correct Answer: B

#### Explanation:

Recently, for the first time, Arunachal Pradesh's cabinet meeting was held outside the State capital Itanagar. It was held at Pakke Tiger Reserve.

Source: Kaiser-i-Hind is Arunachal's State butterfly

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#### 0.23) c0c0n sometimes seen in news is associated with?

- a) Near Earth space objects
- b) Hacking and Cyber security
- c) Cryptocurrency and Blockchain
- d) International Science Festival

# Correct Answer: B Explanation

• It is the annual cyber security and hacking conference organised by the Kerala Police.

Source: The Hindu

# Q.24) With reference to Kaiser-i-Hind, consider the following statements:

- 1. The species is endemic to North Eastern States of India.
- 2. It is listed as vulnerable in the IUCN red list of species.

## 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.

- Kaiser-i-Hind (Teinopalpus imperialis) literally means Emperor of India.
- **Habitat:** The Butterfly is found in Nepal, Bhutan, Myanmar, Laos, Vietnam and southern China.
- **In India,** it is found in six states along the eastern Himalayas at elevations from 6,000-10,000 feet in well-wooded terrain.
- Vegetation: It flies high in the canopy of broad-leaved temperate evergreen forests.
- **Indicator Species:** The presence of this butterfly indicates the existence of a good forest ecosystem.

#### **Protection Status**

- IUCN Status: Near Threatened
- **CITES:** Appendix II
- Wildlife (Protection) Act, 1972: Schedule II.

Source: Article

# **Q.25)** With reference to **Urban Canyon Effect**, consider the following statements:

- 1. It is caused when traffic-related air pollution gets substantially elevated along a road surrounded by tall buildings.
- 2. Concentration of pollutants in the ambient air gets increased due to this 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: C

**Explanation** 

## Both statements are correct.

Over the past three days, Colaba and Mazagaon in South Mumbai have emerged as the most polluted localities in the city. In Mumbai, from the Mumbai monsoon to the winter, the city gets slow or static wind speed. The build-up of pollutants in the locality

(Colaba) could be because of the urban canyon effect. Source: Indian Express

#### **Economy**

# Q.1) What are the advantages of Direct Seeding of Rice (DSR) in agriculture?

- 1. Save water
- 2. Low Seed requirement
- 3. Reduced methane emissions
- 4. Early crop maturity

Select the correct answer given below using the code given below:

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

#### Correct Answer: C

#### **Explanation**

Direct Seeding of Rice (DSR) refers to the process of establishing a rice crop from seeds sown in the field rather than by transplanting seedlings from nursery.

**Benefits of DSR:** a) Water savings b) Low Labour Cost and energy (power) c) Reduced methane emissions d) Early crop maturity and e) could be a solution to the issue of stubble burning.

**Disadvantages**: a) Seeds are exposed to rat and bird attacks b) Sowing needs to be done timely so that the plants comes out properly before the monsoon rains arrives and c) Seed requirement is also high.

Source: Run-up to COP26: Wonder rice may help reduce emissions, offer good yield

#### Q.2) With respect to revised PCA framework of RBI, consider the following statements:

- 1. As per the revised framework, capital, asset and profitability are key areas for monitoring the risk of a bank.
- 2. Payments banks and small finance banks (SFBs) have been removed from the list of lenders where prompt corrective action can be initiated.

#### 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 2017 PCA framework, capital, asset quality and profitability were the key areas for monitoring the risk of a bank. The revised PCA framework has removed profitability as a parameter.
- Statement 2 is correct

Source: Article

#### **Q.3)** With reference to **SWAMIH Fund**, consider the following statements:

- 1. The fund has been set up as a Category-II Alternate Investment Fund registered with SEBI.
- 2. The central government is the investment manager 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: A

## **Explanation**

**Statement 1 is correct**: SWAMIH Fund is a government-backed investment fund set up in the year 2019.

**Statement 2 is incorrect**: The Investment Manager of the Fund is SBICAP Ventures, a whollyowned subsidiary of SBI Capital Markets. This in turn is a wholly-owned subsidiary of the State Bank of India.

Source: Indian Express

# Q.4) With reference to Long Range Bomb (LRB), consider the following statements:

- 1. It is India's first indigenously-developed guided bomb.
- 2. The bomb has a range of 100 km.

# 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:** Long Range Bomb is India's first indigenously-developed guided bomb. It will be used to attack land-based targets at a long-range with greater accuracy.

Statement 2 is correct: It is designed to hit targets around 100km away.

Source: DRDO & IAF jointly flight test Long-Range Bomb successfully

# Q.5) With reference to Network for Greening the Financial System (NGFS) declaration, consider the following statements:

- 1. It was launched at the COP21 at Paris.
- 2. It seeks to mobilise mainstream finance to support the transition towards a sustainable economy.
- 3. RBI is a part of the network.

#### 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) 1, 2 and 3

#### Correct Answer: B

### **Explanation:**

- Statement 1 is incorrect: NGFS was launched at the Paris One Planet Summit on December 12, 2017.
- Statement 2 & 3 are correct

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Source: Article

## Q.6) With reference to Inland saline aquaculture, consider the following statements:

- 1. It is the farming or culture of aquatic animals and plants using non-coastal sources of saline groundwater.
- 2. It can also be used to reduce the amount of salt in underground water tables leading to an improvement in the surrounding land usage for agriculture.

# 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.

- Inland saline aquaculture is the farming or culture of aquatic animals and plants using inland (i.e. non-coastal) sources of saline groundwater rather than the more common coastal aquaculture methods.
- Benefits of Inland saline aquaculture
  - o Firstly, it plays an important role in saline affected soils with low productivity as it can be used to convert the waste land into wealth land.
  - o It can be used to reduce the amount of salt in underground water tables leading to an improvement in the surrounding land usage for agriculture.

Source: Article

## Q.7) LEADS index is released by which of the following?

- a) NITI Aayog
- b) Ministry of Commerce and Industry
- c) Centre for Economic and Policy Research
- d) Ministry of Finance

#### Correct Answer: C

#### Explanation

• LEADS ((Logistics Ease Across Different States) index is released by Ministry of Commerce and Industry

Source: Article

### **Q.8)** With reference to **RBI Retail Direct Scheme**, consider the following statements:

- 1. Under the scheme, retail investors will be able to easily open and maintain their government securities account online with the RBI, free of cost.
- 2. Through this account, they can directly invest in securities issued by the Government of India only.

#### 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**: Under the scheme, retail investors will be able to easily open and maintain their government securities account online with the RBI, free of cost.

**Statement 2 is incorrect**: Through this account, they can directly invest in securities issued by the Government of India and the State Governments.

Source: PM to launch two innovative customer centric initiatives of RBI

# Q.9) Which of the following states/UTs is/are part of GI tagged seven Basmati growing states?

- 1. Punjab
- 2. Tamil Nadu
- 3. Haryana
- 4. Andhra Pradesh
- 5. Delhi

# Select the correct answer using the code given below.

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

# Correct Answer: C

#### **Explanation**

• APEDA is given the Geographical Indication (GI) tag as the sole custodian of basmati rice grown in the Indo-Gangetic plains. Under the GI certification issued in 2016, 77 districts of seven states- Punjab, Haryana, western Uttar Pradesh, Uttarakhand, Delhi and Jammu and Kashmir are referred to as basmati rice growing region.

Source: PIB

## Q.10) With reference to Certificate of Origin (CoD), consider the following statements:

- 1. It is a document declaring in which country a commodity or good was manufactured.
- 2. It is often issued to the importers in a country.

#### 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
- **Statement 2 is incorrect:** CoD is often mandated by the importing countries and hence is issued to the exporters

Source: Article

## **Q.11)** With reference to **Cross Border Insolvency**, consider the following statements:

- 1. It denotes the treatment of financially burdened debtors where the assets are in more than one country (or) creditors are in more than one country.
- 2. India has a well-established Cross border insolvency framework.

## 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

**Statement 2 is incorrect**: Cross border insolvency framework is yet to be notified under the Insolvency and Bankruptcy Code.

So far, the Government was planning to bring the Cross border framework only for corporate insolvency resolution. But now the government wants to notify it together for both companies and personal guarantors for corporate debtors.

Source: Personal guarantors may be part of cross-border insolvency framework

# Q.12) With reference to Business Responsibility and Sustainability Report, consider the following statements:

- 1. The disclosures under this report are based on ESG parameters.
- 2. The reporting mechanism has been introduced by Ministry of Commerce and Industry.

#### 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**

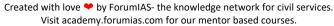
#### **Explanation:**

- Statement 1 is correct: Business Responsibility and Sustainability Report is framed around three aspirations: Adapting to and mitigating climate change impact, inclusive growth and transitioning to a sustainable economy. The disclosures are based on ESG parameters in BRSR and therefore, are an up-scale from its predecessor, BRR (Business Responsibility Reporting).
- **Statement 2 is incorrect**: The Securities and Exchange Board of India (SEBI) introduced BRSR, a reporting mechanism, vide circular dated May 10, 2021. It is a standardised reporting format that will give a baseline to draw comparison between environmental, social and governance (ESG) goals across companies and sectors.

Source: Article

## **Q.13)** With reference to **Shale oil/gas**, consider the following statements:

- 1. Its extraction requires the creation of fractures in oil and gas rich shale to release hydrocarbons.
- 2. Conventional crude deposits are found in smaller batches and deeper than Shale oil.



## 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

**Statement 2 is incorrect**: The key difference between shale oil and conventional crude is that the shale oil is conventional crude deposits.

Source: 'Tight oil': What is shale and its potential in India

# Q.14) Which of the following country has planned a dedicated Bitcoin city?

- a) The USA
- b) Mauritius
- c) El Salvador
- d) The UK

#### Correct Answer: C

## **Explanation**

El Salvador, the only country to recognise Bitcoin as a legal tender, is planning to build an entire city based on the largest cryptocurrency Bitcoin.

**Source:** Indian Express

#### Q.15) Which of the following statements correctly defines a Lorenz Curve?

- a) statistical measure of inequality that describes how equal or unequal income or wealth is distributed among the population of a country.
- b) A graphical distribution of wealth, showing the proportion of income earned by any given percentage of the population.
- c) if tax rates are increased above a certain level, then tax revenues can actually fall because higher tax rates discourage people from working.
- d) hypothesis that economic growth initially leads to greater inequality, followed later by the reduction of inequality.

# Correct Answer: B

#### **Explanation:**

- Lorenz Curve was developed by Max O. Lorenz in 1905 for representing wealth distribution.
- It shows the cumulative share of income from different sections of the population.

Source: Article

#### **MODERN INDIA-PERSONALITIES**

# Q.1) With reference to Sardar Vallabhbhai Patel, consider the following statements:

- 1. He is the Founder of Modern All India Services.
- 2. National Unity Day is celebrated every year to commemorate the birth anniversary of Sardar Vallabhbhai Patel.

## 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: 'Founder of Modern All India Services.

**Statement 2 is correct:** He is known as the "Iron Man of India" for playing an important role in the unification and integration of Indian princely states into the Indian Union. National Unity Day is celebrated every year on 31st October to commemorate the birth anniversary of Sardar Vallabhbhai Patel. The day was celebrated for the first time in 2014.

Source: PM addresses the Nation on Rashtriya Ekta Diwas

## Q.2) With reference to Jawahar Lal Nehru, consider the following:

- 1. He was the founder of Non-Aligned Movement.
- 2. Indian Mirror journal was one of the publishing of Jawahar Lal Nehru.

#### 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

#### Answer: a

Statement 2 is incorrect: Author of Indian mirror journal was Devendranath Tagore.

**Source: Article** 

# Q.3) With reference to Birsa Munda and the Munda rebellion, consider the following statements:

- 1. The movement was initiated against the Chhota Nagpur Tenancy Act of 1908.
- 2. Birsa Munda was also known as Dharti abba.

#### 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**: Munda rebellion was against the replacement of Khuntkari system with Zamindari.

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#### • Statement 2 is correct

#### **About Munda Rebellion**

- It was led by Birsa Munda. It was a revolt against the colonial masters and exploitative dikus(outsiders) and was aimed at establishing **Munda** Raj or **Munda** rule in this region. The revolt later came to be known as The **Ulgulan or** "the Great Tumult".
- **Reason for Munda Revolt:** In 1874, the British replaced the **Khuntkari system** of Munda tribals with the zamindari system. The introduction of the zamindari system created the classes of zamindars (landlords) and ryots (tenants). It also intensified the forced labour (veth bigari) in the forested tribal areas and made tribals depend on money lenders for money.
- Impact of the Munda Revolt: The movement compelled the British to take cognisance of the plight and exploitation of tribals and bring in the Chhota Nagpur Tenancy Act of 1908 for their protection. This Act restricted the transfer of tribal land to non-tribals giving Adivasis a huge relief and became a landmark legislation for the protection of tribal rights.

Source: Article

## Q.4) With reference to Rani Gadinlieu, consider the following:

- 1. The title "Rani" was given to her by Mahatma Gandhi.
- 2. She led the Heraka religious movement.

# 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:** Gaidinliu was arrested in 1932 at the age of 16; and was sentenced to life imprisonment by the British rulers. **Jawaharlal Nehru** met her at Shillong Jail in 1937; and promised to pursue her release. Nehru gave her the title of "Rani" ("Queen"); and she gained local popularity as Rani Gaidinliu

**Statement 2 is correct:** At the tender age of 13, Gaidinliu joined her cousin Haipou Jadonang's Heraka movement. The Heraka movement was a spiritual movement dedicated to reviving the ancient Naga tribal religion. Soon, it evolved into a political movement fighting the British to establish a Naga Raj in the area. The movement had a large number of adherents from the Zeliangrong tribes (which comprised the Rongmei, Zeme and the Liangmai tribes). Gaidinliu emerged as a leader of the guerrilla forces fighting the British at the young age of 16. She proclaimed, "We are free people, the white men should not rule over us....". In 1931, the

Source: PIB

#### Q.5) Consider the following statements:

- 1. Nehru called her 'Daughter of the hills'.
- 2. She demanded a separate Zeliangrong area within the Union of India.
- 3. She was awarded with the Tamra Patra in 1972 and the Padma Bhushan in 1982.

British arrested and hanged Jadonang. After this, Gaidinliu led the Heraka movement.

Which of the following personalities is being referred to in the statements given above?

- a) Gaidinliu
- b) Chennamma
- c) Abbakka
- d) Velu Nachiyar

#### Correct Answer: A

## Explanation

- Rani Gaidinliu was born on January 26, 1915, in the present-day Tamenglong district of Manipur. She belonged to the Rongmei Naga tribe.
- At the age of 13, Rani Gaidinliu joined the Heraka Religious movement of her cousin Haipou Jadonang.
- Heraka was a socio-religious movement that arose in the 1920s in the Zeliangrong territory. It was started by Jadonang to resist the infiltration of Christian missionaries as well as the reforms imposed by the British government.
- Acknowledging her role in the struggle against the British, Jawaharlal Nehru called her the "Daughter of the Hills" and gave her the title "Rani" or queen.

Source: Article

## **Q.6)** With reference to **Mangarh Hill Massacre**, consider the following:

- 1. The movement is led by Birsa Munda.
- 2. This massacre is also known as Jallianwala Bagh Massacre of Vagad 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: b

#### Explanation

Statement 1 is incorrect: The movement is led by Bhil social reformer and spiritual leader, Govind Guru. On November 17, 1913, the Britishers gunned down more than 1500 Bhils on Mangarh hill on the border of present-day Rajasthan and Gujarat, where the innocent people have gathered here for social causes under the leadership of Govind Guru.

Statement 2 is correct: t is also known as the "Jallianwala Bagh massacre of the Vagad region"

Source: Indian Express

#### **Q.7)** With reference to **Govind Guru**, consider the following:

- 1. He fought for many social problems such as liquor consumption and inter-generational debt.
- 2. He initiated the Bhagat Sampradaya (sect) in 1908 to socially and morally uplift the Bhil 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

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Correct Answer: c Explanation

Both statements are correct.

Source: <u>Indian Express</u>



International Relations - ORGANIZATIONS, INITIATIVES AND CAMPAIGNS - Organizations

## **Q.1)** With reference to **G20 Grouping**, Consider the following statements:

- 1. The G20 does not have permanent offices or employees.
- 2. The Sherpas Channel in G20 covers meetings between finance ministers and central bank governors.

## 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 G20 does not have permanent offices or employees.

**Statement 2 is incorrect**: The Finance Channel covers meetings between finance ministers and central bank governors, as well as meetings of their second lines and working groups on financial issues. The Sherpa channel covers non-financial issues.

Source: G20 grouping and its relevance - Explained, pointwise

# Q.2) With reference to Gulf Cooperation Council, consider the following statements:

- 1. It consists of members from Saudi Arabia, Qatar, Oman, UAE, Bahrain and Kuwait.
- 2. Iraq is the latest member country to join the GCC.

#### 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 a is correct Source: TheHindu

#### Q.3) State of Global Climate-2021, published by which of the following organization:

- a) International Pane for Climate Change (IPCC)
- b) World Meteorological Organization (WMO)
- c) Global Alliance on Health and Pollution (GAHP)
- d) Global Footprint Network (GFN)

# Correct Answer: B

**Explanation** 

**Statement b is correct:** WMO released the State of Climate Services report 2021. It focuses on Terrestrial Water Storage.

Source: NewwsonAir

# **Q.4)** With reference to **G77 Group**, consider the following statements:

- 1. It is the largest intergovernmental organization of developing countries in the United Nations.
- 2. The group at present has 77 developing countries as members.
- 3. India is one of the members of the G77.

#### Which of the statements given above is/are correct?

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

#### Correct Answer: a

#### **Explanation:**

**Statement 1 is correct**: It is the largest intergovernmental organization of developing countries in the United Nations.

**Statement 2 is incorrect**: It was established in 1964 by 77 developing countries. The members of G-77 have increased to 134 countries. However, the original name was retained due to its historic significance.

**Statement 3 is correct**: India is one of the members of the G77.

Source: BASIC nations underline climate finance goal

# **Q.5) UNSC Resolution 2601** was sometimes seen in news. The resolution is related to which of the following?

- a) Protection of borders from Terror outfits.
- b) Prohibiting Taliban from committing Human Rights violation.
- c) Protection of education in armed conflict.
- d) Banning any support to organised crime.

# Correct Answer: C

#### Explanation

The United Nations Security Council (UNSC) has adopted a unique first-of-its-kind resolution called "Resolution 2601".

Resolution 2601 calls for the protection of education in armed conflict. It also,

- -Condemns attacks against schools, children and teachers.
- -Urges parties to armed conflict to immediately stop such violence and to safeguard the right to education.
- -Urges the Member States to create domestic legal frameworks that should include comprehensive measures to prevent attacks and protect schools, children, teachers as well as related civilians during armed conflict and in post-conflict phases.

Source: UNSC adopts resolution on protection of education in armed conflict

## **Q.6)** With reference to **East Asia Summit**, consider the following statements:

- 1. The summit can only be chaired by an ASEAN member country.
- 2. India is not the member of the East Asia Summit.

#### 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 EAS is an ASEAN-centred forum; it can only be chaired by an ASEAN member.

Statement 2 is incorrect: India is a founding member of the East Asia Summit.

Source: Summitry in the East and India's Asean ambitions

# Q.7) Changing Wealth of nations report is released by which of the following organizations?

- a) IMF
- b) UNCTAD
- c) WB
- d) UNEP

## Correct Answer: C

#### **Explanation:**

• The report is published by the World Bank (WB).

Source: Article

# Q.8) With reference to Chicago convention, consider the following statements:

- 1. The convention established the core principles permitting international transport by air.
- 2. It also led to the creation of the International Civil Aviation Organization (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: C**

#### Explanation:

## Both statements are correct.

- The Convention on International Civil Aviation, which is more commonly known as the 'Chicago Convention' was drafted in 1944.
- The convention established the core principles permitting international transport by air. It also led to the creation of the specialized agency which has overseen the convention ever since the International Civil Aviation Organization (ICAO).
- The convention provides Nine freedoms of air, but only the first five freedoms have been officially recognized by the International Civil Aviation Organisation (ICAO).

**Source**: Article

# Q.9) With reference to Forest Resources Assessment (FRA) 2020 Remote Sensing Survey, consider the following:

- 1. It found a slowdown in global deforestation process.
- 2. This survey is released by International Institute for Environment and Development.

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#### 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: A**

#### Explanation

**Statement 1 is correct:** The Food and Agriculture Organization (FAO) of the United Nations has released the Global Forest Resources Assessment (FRA) 2020 Remote Sensing Survey.

**Statement 2 is incorrect:** the survey has found that there has been a slowdown in global deforestation.

Source: At least 420 million hectares forest lost since 1990: Survey

# Q.10) With reference to Climate Change Performance Index (CCPI), consider the following:

- 1. It is an independent monitoring tool for tracking the climate protection performance of various countries.
- 2. Sweden has placed 1st in the CCPI ranking.

## Which of the above statements is/are correct?

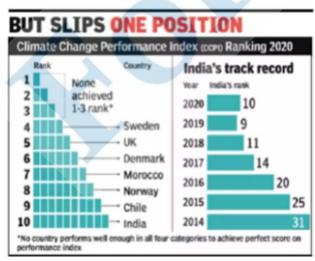
- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

#### Correct Answer: A

#### **Explanation:**

**Statement 1 is correct:** It is an independent monitoring tool for tracking the climate protection performance of 57 countries and the European Union. These countries together generate 90%+ of global greenhouse gas emissions.

**Statement 2 is incorrect:** Top three ranks were empty as no country had met the criteria to get placed high enough on the index. Sweden has ranked 3<sup>rd</sup> in this ranking.



Source: DTE

# Q.11) With reference to Defence Technology and Trade Initiative (DTTI) between India and the US, consider the following statements:

- 1. The initiative is led by Defence ministers of both India and USA.
- 2. It aims to create opportunities for co-production and co-development of defence equipment.

# 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 initiative is led by the Undersecretary of Defence for Acquisition and Sustainment from the United States and Secretary for Defence Protection from India.
- Statement 2 is correct

Source: Article

#### Q.12) Sydney Dialogue sometimes seen in news is related to?

- a) cyber and critical technologies
- b) Climate change and sustainable development
- c) Global anti-terrorism efforts
- d) Vaccine production and IPR

#### Correct Answer: a

#### Explanation:

• The Sydney Dialogue is an annual summit of cyber and critical technologies to discuss the fallout of the digital domain on the law and order.

**Source:** Article

## **Q.13) SITMEX Maritime Exercise,** is held between which of the following group of countries:

- a) Indonesia, Turkmenistan and Sri Lanka
- b) India, Thailand and South Korea
- c) Thailand, India and Singapore
- d) Sri Lanka, Turkey and Iran

# **Correct Answer C**

#### **Explanation:**

**Statement c is correct:** iIt is a trilateral exercise between the Indian Navy (IN), the Republic of Singapore Navy (RSN), and the Royal Thailand Navy (RTN). SITMEX is being conducted annually since 2019 with an aim to enhance mutual inter-operability and imbibing best practices between Indian Navy (IM), RSN and RTN

Source: PIB

#### Q.14) With reference to Global Climate Risk Index 2021, consider the following:

- 1. The index was released by International Panel of Climate Change (IPCC).
- 2. India ranking has been improved from the last year.

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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:** The international environmental think tank 'Germanwatch' released the Global Climate Risk Index 2021. This is the 16<sup>th</sup> Edition of the Index. It is published annually.
- **Statement 2 is correct:** India has improved its rankings from last year. It is ranked 7th in the 2021 Index as compared to 5th in 2020 Index.

Source: The Hindu

# Q.15) With reference to Organisation of Turkic States, consider the following statements:

- 1. The organisation aims to promote pan-Turkism.
- 2. It came into existence during the Istanbul Summit.

## 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.

Recently, on the 8th Istanbul summit, the Council of Turkic States has been elevated to "Organisation of Turkic States".

With this, Turkey aims to promote pan-Turkism.

Source: What the rise of pan-Turkism means for India

# Q.16) With reference to Indian Ocean Naval Symposium (IONS), consider the following statements:

- 1. It is a biennial forum conceived by the Indian Navy.
- 2. It aims to enhance maritime cooperation among Navies of the littoral states of the Indian Ocean Region.
- 3. United Kingdom is also a member of IONS.

# 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) 1, 2 and 3

#### Correct Answer: d

#### **Explanation**

## All statements are correct.

IONS is a biennial forum conceived by the **Indian Navy** in 2008.

**Objective:** To enhance maritime cooperation among Navies of the littoral states of the Indian Ocean Region.

**First Edition:** The inaugural edition of IONS was held in Feb 2008 in New Delhi with the Indian Navy as the Chair for two years.

Currently Chaired by: France.

**Members of IONS**: IONS includes 24 nations that hold territory within the Indian Ocean and 8 observer nations:

The members have been geographically grouped into the following four sub-regions:

- **South Asian Littorals:** Bangladesh, India, Maldives, Pakistan, Seychelles, Sri Lanka, and United Kingdom (British Indian Ocean Territory)
- West Asian Littorals: Iran, Oman, Saudi Arabia, and the United Arab Emirates
- East African Littorals: France (Reunion), Kenya, Mauritius, Mozambique, South Africa, and Tanzania.
- Southeast Asian and Australian Littorals: Australia, Indonesia, Malaysia, Myanmar, Singapore, Thailand, and Timor-Leste.

Source: Article

# Q.17) Ikat sometimes seen in news is a?

- a) Pilgrimage tax imposed by Aurangzeb during his reign
- b) A dyeing technique that originated in Indonesia
- c) An architectural pattern devised in Persia
- d) A guild of traders, merchants and artisans

## Correct Answer: b

#### Explanation

• Ikat is a Malaysian, Indonesian word that means "Tie and Dye". It is a dyeing technique used to create a distinct style of textile patterns. Ikat received a Geographical Indicator (GI) tag in 2004.

Source: Article

- **Q.18) Lapis Lazuli Corridor** was sometimes seen in news. It connects which of the following pairs?
- a) Australia and New Zealand.
- b) China and North Korea.
- c) Turkey and Afghanistan.
- d) US and Canada.

### Correct Answer: C

#### Explanation

Turkey is building transportation corridors to Central Asia and beyond, to China, Georgia and Azerbaijan. The so-called Lapis Lazuli Corridor now connects Turkey to Afghanistan via Turkmenistan.

**Source**: India-Turkey relations – Explained, pointwise

## Q.19) With reference to Infinity Forum, consider the following statements:

- 1. It was hosted by the International Financial Services Centres Authority in collaboration with NITI Aayog.
- 2. The forum focused on how technology and innovation can be leveraged by the FinTech industry.

#### 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 hosted by International Financial Services Centres Authority (IFSCA) under the aegis of Government of India (GoI) in collaboration with GIFT City and Bloomberg.
- **Statement 2 is correct**: InFinity Forum is IFSCA's flagship financial technology and global thought leadership event. The forum will focus on how technology and innovation can be leveraged by the FinTech industry

Source: Article

## Q.20) With reference to International Court of Justice, consider the following:

- 1. It is the judicial branch of the United Nations which settles legal disputes a submitted to it by its member states.
- 2. ICJ is a criminal court.

# Which of the statements given above is/are incorrect?

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

#### **Correct Answer A**

#### Explanation:

**Statement 1 is correct:** It settles legal disputes between States and gives advisory opinions in accordance with international law, on legal questions referred to it by authorized United Nations organs and specialized agencies.

Statement 2 is incorrect: It is civil court Source: Wanted: An Indian Charlesworth

# Q.21) With reference to Women's Involvement in Science and Engineering Research (WISER) program, consider the following statements:

- 1. It is launched by India and UK Science and Innovation Council(SIC).
- 2. It is a first-of-its-kind programme that aims to promote women in the field of research and development through lateral entry.

## 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 is launched by the Indo-German Science & Technology Centre (IGSTC)

Statement 2 is correct.

Source: PIB

# Q.22) With reference to Global Methane Pledge, consider the following:

- 1. It sets a target of cutting at least 30% from global methane emissions, based on 2020 levels, by 2030.
- 2. Global Methane is a pact between India and USA.

# 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: pledge to cut global methane emissions by nearly 30% in the next decade

Statement 2 is incorrect: The pact is between the US and the EU

Source: Article

#### Q.23) State of Food and Agriculture Report is published by?

- a) WB
- b) FAO
- c) UNDP
- d) UNESCO

#### Correct Answer: B

#### Explanation

SOFA report is released by FAO

Source: Article

# Q.24) Bribery Risk Matrix 2021, has been released by which of the following organization:

- a) Transparency International
- b) TRACE Organization
- c) International Association of Anti-Corruption Authorities (IAACA)
- d) Anti-Corruption Foundation

# **Correct Answer B**

## **Explanation:**

**Statement b is correct:** The Bribery Risk Matrix 2021 has been released by TRACE, an anti-bribery standard-setting organization. The risk matrix measures the likelihood of bribe demands in 194 jurisdictions.

Source: Article

# Q.25) Joint Military exercise Shakti is conducted between India and which other country?

- a) UK
- b) Thailand
- c) France
- d) Nepal

#### Correct Answer: C

## **Explanation**

• The joint exercise is held between India and France.

Source: PIB

# Q.26) Shakti Exercise, is held between India and which of the following country

- a) Nepal
- b) Sri Lanka
- c) France
- d) Indonesia

#### **Correct Answer C**

#### **Explanation**

**Statement c is correct:** Shakti Exercise is a bilateral exercise between the armies of India and France. It is a biennial exercise that takes place between Indian and French armies.

Source: PIB

#### Q.27) Consider the following statements:

- 1. It was the headquarters of the INA led by Netaji Subhas Chandra Bose after they liberated a part of Manipur from the British rule.
- 2. Colonel Shaukat Ali Malik hoisted the flag of the provincial government established here.
- 3. A handloom village will also be set up at this place.

## Which of the following places is being talked about in the statements given above?

- a) Mawlynnong
- b) Moirang
- c) Tawang
- d) Zuluk

#### Correct Answer: b

#### **Explanation:**

Moirang is a small town in Manipur.

• It is a very important place in the history of India's freedom movement as it was the headquarters of the INA led by Netaji Subhas Chandra Bose after they liberated a part of Manipur from the British rule and established the provincial independent government.

- Subsequently, on April 14 1944, Colonel Shaukat Ali Malik hoisted the flag of the provincial government in Moirang. The INA flag comprises yellow, white and green. The image of a springing tiger was in the middle of the flag.
- A museum dedicated to the soldiers was also inaugurated at Moirang by the then Prime Minister in 1969. The museum houses memorabilia and important documents related to the INA during World War II in the Burma theatre.

Source: Article

## Q.28) T4P initiative sometimes seen in news is associated with?

- a) Progressive Policing
- b) Public Policy
- c) Positive Peace
- d) Private Public Partnership

# Correct Answer: C Explanation:

- It is an initiative of UNESCO in collaboration with Japan's Ministry of Foreign Affairs and Thailand's Ministry of Education.
- Aim: To build and sustain 'positive peace' in the Asia Pacific region.

Source: Article



#### ANCIENT AND MEDIEVAL HISTORY-PERSONALITIES

Q.1) With reference to Adi Shankaracharya, consider the following statements:

- 1. He is credited with the doctrine of Advaita Vedanta.
- 2. The followers of Shankaracharya are called as Smratas.

## 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**: He is associated with Maya Theory, Advaita Vedanata (Non-Dualism). This doctrine is based on the concept that the higher or true Self is identical to Brahman, the Absolute Reality. In Advaita Vedanta, Jnana yoga is the path of knowledge to Moksha, or liberation from the cycle of life, death and rebirth. This doctrine also believes that Moksha can be achieved in this life (Jivanmukthi) in contrast to other Indian philosophies that emphasize videhamukti, or Moksha after death

Statement 2 is correct: The followers of Shankaracharya are known as Smratas.

**Source: Indian Express** 



## Science and Technology

- Q.1) With reference to India, the terms 'Sagar Nidhi, Sagar Manjusha, Sagar Kanya' pertain to
- a) Attack Submarines
- b) Research Vessels
- c) Off-shore Patrol Vehicles
- d) New fish species

# Correct Answer: B Explanation:

Research Vessel (Ships) is an important tool for ocean research and the development of ocean technology. The Ministry of Earth Sciences (MoES) has at present has 6 ships namely Sagar Nidhi, Sagar Manjusha, Sagar Kanya, Sagar Sampada, Sagar Tara and Sagar Anveshika.

Source: Union Minister visits Indian Subcontinent's Pioneer Research Vessel Ship "Sagar Nidhi" and interacts with top Scientists on the deck

## Q.2) With reference to Metaverse, consider the following statements:

- 1. It is a network of always-on virtual environments in which people can interact with one another and digital objects through virtual representations of themselves.
- 2. Open Metaverse Interoperability Group define the standards to enable interoperability of platforms and services across the metaverse.

## Which of the statements given above is/are correct?

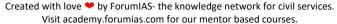
- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

#### Correct Answer: c

#### **Explanation**

### Both statements are correct.

- The "metaverse" is a network of always-on **virtual environments** in which many **people** can **interact** with one another and digital objects **through virtual representations** of themselves.
- There are **3** key aspects of the metaverse: presence, interoperability and standardization.
- **Presence** is the feeling of actually being in a virtual space, with virtual others. This sense of presence is achieved through virtual reality (VR) technologies such as headmounted displays. It improves the quality of online interactions.
- **Interoperability** means being able to seamlessly travel between virtual spaces with the same virtual assets. That is, one virtual representation created, can be used in different virtual worlds.
- **Standardization**-These are common technological standards are essential for widespread adoption. This **enables interoperability** of platforms and services across the metaverse.
- International organizations such as the "Open Metaverse Interoperability Group" define these standards.



Source: Article

# Q.3) With reference to polarized light, consider the following statements:

- 1. It is made up of waves with vibrations at only one angle.
- 2. Planets going around stars other than the Sun can be studied by observing the polarization of light.

## 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.

- Light is a transverse wave. It vibrates up and down as it travels forwards. But 'up' and 'down' are not fixed directions. The vibrations could be vertical, horizontal or at any angle in between. However, Polarised light is made up of waves with vibrations at only one angle.
- Indian Astronomers have found a new method to understand the atmosphere of extrasolar planets. They have shown that planets going around stars other than the Sun can be studied by observing the polarisation of light and studying polarisation signatures.

Source: Article

# Q.4) DSCOVR, sometimes seen in news, is a?

- a) Earth observation satellite.
- b) Unmanned Aerial vehicle.
- c) Deep Sea Research Vessel.
- d) AI-based robot for landmine detection

#### Correct Answer: A

### **Explanation**

• **D**eep **S**pace **C**limate **O**bser**v**ato**r**y is a National Oceanic and Atmospheric Administration space weather, space climate, and Earth observation satellite.

Source: Article

# Q.5) With reference to Comptroller and Auditor-General (CAG), consider the following statements:

- 1. It is a statutory body.
- 2. CAG is appointed by the President 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:** It is a constitutional body established under Article 148 of the Constitution of India. It audits all receipts and expenditure of the Government of India and the state governments, including those of bodies and authorities substantially financed by the government.

**Statement 2 is correct:** CAG is appointed by the President of India following a recommendation by the Prime Minister.

Source: What we need to fix our judicial system

## Q.6) With reference to Coronal Mass Ejection (CME), consider the following:

- 1. Solar flares cause hot plasma to be ejected from the Sun, causing CMEs.
- 2. Even very powerful Earth-directed coronal mass ejections have no effect on deep-sea cables.

# 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
- Statement 2 is incorrect: Strong CMEs can impact oil pipelines, cause failure of power grids and can affect deep sea cables.

Source: Article

#### Q.7) Which of the following are the most commonly reported Rare diseases in India?

- 1. Gaucher's disease
- 2. Pompe Disease
- 3. Cystic Fibrosis

## Select the correct answer from the codes given below:

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

# **Correct Answer: D**

#### Explanation:

All are categorized as rare diseases.

- A rare disease is a health condition which has a low prevalence and affects a small number of people. Rare diseases include genetic diseases, rare cancers, infectious tropical diseases and degenerative diseases.
- They are chronic, debilitating, life threatening and often result in some form of handicap. Patients have often taken the government to court on this, because treatment of rare diseases is long, specialized and expensive.
- The most common rare diseases reported in India include hemophilia, thalassemia, sickle-cell anemia and primary immune deficiency in children, autoimmune diseases, lysosomal storage disorders such as pompe disease, Hirsch sprung

disease, gaucher's disease, cystic fibrosis, hemangiomas and certain forms of muscular dystrophies.

Source: Article

# Q.8) Project 75(I) is related to which of the following?

- a) It is a programme launched by the Indian Navy to build six Scorpene-Class attack submarines.
- b) It is an initiative of the Government of India to celebrate and commemorate 75 years of progressive India.
- c) It is the document released by Niti Aayog which replaced the fiver year plans.
- d) It is a programme aims to reduce Green House Gas emissions.

#### **Correct Answer A**

## **Explanation:**

**Statement a is correct:** Project-75(I) envisages **indigenous construction of six modern conventional submarines** with contemporary equipment, weapons and sensors, including fuel-cell based AIP, advanced torpedoes, modern missiles and state-of-the-art countermeasure systems.

**Detail:** This would provide a major boost to the indigenous design and construction capability of submarines in India, in addition to bringing in the latest submarine design and technologies as part of the project. **This is one of the largest 'Make in India' projects** and will serve to facilitate faster and more significant absorption of technology and create a tiered industrial ecosystem for submarine construction in India.

Source: PIB

#### **Q.9)** With reference to **Metaverse**, consider the following statements:

- 1. It is a network of always-on virtual environments in which people can interact with one another and digital objects through virtual representations of themselves.
- 2. Technology industry is envisioning Metaverse as the successor to today's internet.

## 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 a network of always-on virtual environments in which many people can interact with one another and digital objects through virtual representations of themselves.

The term may also refer to digital spaces which are made more lifelike by the use of virtual reality (VR) or augmented reality (AR).

There is also a specific type of metaverse which uses blockchain technology. In these, users can buy virtual land and other digital assets using cryptocurrencies.

Technology industry is envisioning Metaverse as the successor to today's internet where people shall be able to do anything like go shopping, study, attend meetings etc.

Source: What is Metaverse? - Explained, pointwise

## Q.10) With reference to DART Mission, consider the following statements:

- 1. The target of the spacecraft will be a small moonlet called Dimorphos.
- 2. Mission would also be carrying a small satellite or CubeSat.
- 3. It is joint effort by NASA and ESA.

## 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) 1, 2 and 3

# **Correct Answer: A**

#### **Explanation**

- Statement 1 and 2 are correct
- Statement 3 is incorrect: It is NASA mission.

Source: Article

## Q.11) 55P/Tempel-Tuttle sometimes seen in news is a?

- a) A comet in the Leo constellation
- b) NASA's satellite mission to Saturn
- c) World's largest optical telescope
- d) Deep Sea Research Vessel

#### Correct Answer: A

#### **Explanation:**

• It is related to the Leonids Meteor shower. Leonids Meteor Shower was originally discovered in 1833. It contains debris that originated from a small comet called **55P/Tempel-Tuttle** in the constellation **Leo**, which takes 33 years to orbit the sun.

Source: Article

#### Q.12) With reference to diabetes, consider the following statements:

- 1. It is a non-Communicable disease which produce when pancreas does not produce enough insulin.
- 2. It affects mainly on human Kidney, Heart, Blood vessels, Nervous System, and Eyes (retina).

## 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.

**About Diabetes**: Diabetes is a Non-Communicable Disease (NCD) that occurs either when the pancreas does not produce enough insulin (a hormone that regulates blood sugar, or glucose), or when the body cannot effectively use the insulin it produces.

Diabetes affects the five major organs namely, Kidney, Heart, Blood vessels, Nervous System, and Eyes (retina).

The factors responsible for the increase in diabetes are an unhealthy diet, lack of physical activity, harmful use of alcohol, overweight/obesity, tobacco use, etc.

Source: Indian Express

# Q.13) With reference to Norovirus, consider the following statements:

- 1. It is an animal borne virus.
- 2. It is transmitted through contaminated water and food.

## 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.

**About Noro virus:** Norovirus is an animal-borne disease. It is transmitted through contaminated water and food.

Norovirus are a group of viruses, causing gastrointestinal illness. Virus causes inflammation in lining of the stomach & intestines, severe vomiting and diarrhoea. The virus does not significantly affect healthy people. However, it can seriously affect elderly, young children, and people with other comorbidities.

Source: HT

# **Q.14)** With reference to **Leonids Meteor Shower**, consider the following statements:

- 1. It contains debris that originated from a small comet in the constellation Leo.
- 2. Every 33 years, a Leonid shower turns into a meteor 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**

## Both statements are correct.

Leonids Meteor Shower was originally discovered in 1833. It contains debris that originated from a small comet called 55P/Tempel-Tuttle in the constellation Leo, which takes 33 years to orbit the sun.

Every 33 years, a Leonid shower turns into a meteor storm, which is when hundreds to thousands of meteors can be seen every hour.

The Leonids are also called fireballs and earthgrazer meteors. Fireballs, because of their bright colors and earthgazer because they streak close to the horizon.

Source: Explained: What is Leonids Meteor Shower?

## Q.15) With reference to HARBINGER 2021, consider the following statements:

- 1. It is the first global hackathon organized by RBI.
- 2. It is centered around the theme of smarter digital 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:**

#### Both statements are correct.

Reserve Bank of India (RBI) organized its first global hackathon titled "HARBINGER 2021–Innovation for Transformation".

#### What is the purpose of the HARBINGER 2021 Hackathon?

HARBINGER 2021 aims to invite participants that can identify and develop solutions which can make:

- digital payments accessible to the under-served
- enhance the ease of payments and user experience
- · strengthen the security of digital payments and
- promote customer protection.

Theme: "Smarter Digital Payments".

Source: Article

**Q.16)** With reference to Science and technology, the terms 'Didymos and Dimorphos' pertain to

- a) Asteroids and moonlets
- b) Newly found blackholes
- c) Larger space debris
- d) New planets

#### **Correct Answer: A**

#### Explanation:

The DART Mission will target a small moonlet called Dimorphos (Greek for "two forms"). Dimorphos orbits a larger asteroid named Didymos (Greek for "twin").

Source: Explained: How NASA's DART mission will hit and deflect an asteroid

## Q.17) With reference to Kamo'oalewa, consider the following statements:

- 1. It is a near-Earth object that orbits the Sun and yet remains relatively close to the Earth.
- 2. It was discovered by the Hubble telescope.

# 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**: Kamo'oalewa is a **quasi-satellite**. This means that it is a near-Earth object that orbits the Sun and yet remains close to the Earth.
- **Statement2 is incorrect:** This quasi-satellite was discovered by the PanSTARRS telescope in 2006 in Hawaii.

Source: Article

# Q.18) Maitree maritime exercise, is held between India and which one of the following countries:

- a) Nepal
- b) Sri Lanka
- c) Thailand
- d) Bangladesh

#### **Correct Answer C**

### **Explanation**

Statement c is correct: It is a bilateral military exercise between India and Thailand.

**Source: Article** 

## Q.19) With reference to Hydrogen, consider the following statements:

- 1. Blue Hydrogen is produced using electrolysis powered by nuclear energy.
- 2. Steam Methane Reforming process for producing hydrogen results in greenhouse gas emissions.

#### 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**: Blue Hydrogen is produced using fossil fuels but with carbon capture. Pink Hydrogen is produced using electrolysis powered by nuclear energy.
- **Statement 2** is **correct:** Steam Methane Reforming (SMR) though less expensive, produces greenhouse gas emissions that defeat the main purpose of opting for hydrogen in the first place. Currently, 90% of global hydrogen production uses SMR.

Source: Article

# **Q.20)** With reference to **Sickle Cell Disease**, consider the following statements:

- 1. It is an inherited blood disorder which affects the red blood cells.
- 2. It can cause damage to organs including the liver, kidney, lungs, heart and spleen.

## 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.

**Statement 1 is correct:** It is an inherited blood disease which is most common among people of African, Arabian and Indian origin. It is a group of disorders that affects hemoglobin, the molecule in red blood cells that delivers oxygen to cells throughout the body.

**Statement 2 is correct:** Over time, people with sickle cell disorders can experience damage to organs including the liver, kidney, lungs, heart and spleen. Death can also result from complications of the disorder.

Source: Article

## Q.21) M87 sometimes seen in news is a?

- a) Super massive black hole
- b) World's fastest supercomputer
- c) A near earth asteroid
- d) A COIVD variant

#### Correct Answer: A

#### **Explanation:**

- In 2019, astronomers of the Event Horizon Telescope captured the first-ever image of a supermassive black hole (M87\*) which was located at the centre of a galaxy Messier 87 (M87).
- This black hole was calculated to be 6.5 billion times the Sun's mass and is 55 million light-years away from the Earth.

Source: Article

# Q.22) With reference to Niracara Svayamsasita Vedh Shala (NSVS), consider the following states:

- 1. It is an aquatic autonomous observatory developed by Council of Scientific and Industrial Research (CSIR).
- 2. The system can sense pH (a scale to measure acidity/alkalinity), conductivity and dissolved oxygen capacity of water.

## 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 system has been developed by IIT Kanpur.
- Statement 2 is correct

Source: Article

# Q.23) With reference to the proposed National Interlinking of Rivers Authority (NIRA), consider the following statements:

1. It will be an independent and autonomous body.

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- 2. Prime Minister of India shall act as its ex-officio chairperson.
- 3. It will replace the existing National Water Development Agency (NWDA)

#### 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) 1, 2 and 3

#### Correct Answer: C

#### Explanation

- Statement 1 is correct: NIRA is supposed to be an independent autonomous body for planning, investigation, financing and the implementation of the river interlinking projects in the country.
- **Statement 2 is incorrect:** The authority is to be headed by a Government of India Secretary-rank officer.
- Statement 3 is correct: NIRA will replace the existing National Water Development Agency (NWDA).

Source: Article

# Q.24) With reference to Advanced Electronic Warfare (EW) System - Shakti, consider the following statements:

- 1. It is designed for identification and jamming of conventional and modern radars.
- 2. It will be installed on capital warships under production, including P-15B and Talwar class follow-on ships.

## 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.

- Advanced Electronic Warfare (EW) System 'Shakti' has been designed and developed by Defence Electronics Research Laboratory (DLRL) Hyderabad a laboratory of Defence Research and Development Organisation (DRDO) for Capital Warships of the Indian Navy for the interception, detection, classification, identification and jamming of conventional and modern Radars.
- First Shakti system has been installed on-board INS Visakhapatnam and is being installed on-board Indigenous Aircraft Carrier, INS Vikrant. these systems are scheduled to be installed on-board capital warships under production, including P-15B, P-17A and Talwar class follow-on ships.

Source: PIB

#### Q.25) With reference to S-400 Triumf missile system, consider the following statements:

- 1. It is a long range, mobile & surface-to-air missile system (SAM) having an operational range of over 400 km.
- 2. It can engage with aerial targets such as aircraft and ballistic missiles only.

#### 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**: It is a long range, mobile & surface-to-air missile system (SAM) having an operational range of over 400 km.

**Statement 2 is incorrect**: It is considered one of the world's most advanced air defence systems that can engage all types of aerial targets such as aircraft, ballistic and cruise missiles and unmanned aerial vehicles (UAV).

Source: S-400 Triumf Missile system – Explained, pointwise

#### Q.26) 6BIO sometimes seen in news is associated with?

- a) Inactivated COVID Vaccine
- b) Photochemical smog
- c) Bio-chemical Oxygen Demand
- d) Autism Spectrum Disorder

#### Correct Answer: D

#### **Explanation**

• A group of Indian researchers have developed a compound called "6BIO" that can provide a better method to treat autism spectrum disorder (ASD).

Source: Article

#### Q.27) Dakshin Ganga, Bharati and Maitri are related to which of the following:

- a) These are the glaciers forming the Ganga River.
- b) These are India's research base stations in Antartica.
- c) These are the defence exercise conducted between India and Nepal.
- d) These are space observatories set up by India in collaboration with NASA.

#### **Correct Answer B**

#### Explanation

**Statement b is correct:** The Indian Antarctic program, which began in 1981, has completed 40 scientific expeditions, and built three permanent research base stations in Antarctica, named **DakshinGangotri (1983), Maitri (1988) and Bharati (2012)**. As of today, Maitri and Bharati are fully operational. The National Centre for Polar and Ocean Research (NCPOR), Goa—an autonomous institute under the Ministry of Earth Sciences—manages the entire Indian Antarctic program

Source: PIB

#### **Q.28)** With reference to **Octacopter drone**, consider the following statements:

- 1. It is an indigenous medium-class drone.
- 2. The drone can be used for the last-mile delivery of medicines, vaccines, food, postal packets and human organs.

# 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.

Octacopter is an indigenous medium-class drone developed by National Aerospace Laboratories (NAL) a constituent of CSIR.

The drone can be used for the last-mile delivery of medicines, vaccines, food, postal packets and human organs.

It is also integrated with Powerful onboard embedded computers and the latest generation sensors for other applications like agricultural pesticide spraying, crop monitoring, mining survey, magnetic geo survey mapping among others.

Source: Multicopter DRONE design & developed by National Aerospace Laboratories- NAL has successfully demonstrated Covid-19 Vaccine delivery at remote location in outskirts of Bengaluru

#### Q.29) With reference to Cryptocurrency, consider the following statements:

- 1. The supply of Bitcoin is highly inelastic.
- 2. Value of Stablecoins is pegged to a fiat currency by maintaining equivalent reserves.

#### 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.

- There will never be more than 21 million coins. This feature makes *bitcoin* supply almost perfectly *inelastic*.
- Value of Stablecoins is pegged to a fiat currency by maintaining equivalent reserves.

Source: Article

# Q.30) Naked Singularity sometimes seen in news is associated with?

- a) Supernova
- b) A Black hole
- c) Gamma Ray Burst
- d) Dark matter

#### **Correct Answer: B**

#### **Explanation:**

• In many scenarios of stellar collapse, the event horizon does not form, and the singularity is exposed to the outside without any event horizon shielding it. This has been called as "naked singularity" or a "troublesome sibling" of a black hole.

Source: Article

#### **Q.31) HomoSEP** was sometimes seen in news. Which of the following is related to the term?

- a) A new near-earth asteroid.
- b) New sustainable home designs suitable for Indian climate.
- c) New robot to clean septic tank.
- d) New Artificial Intelligence system to guide elders in home.

#### Correct Answer: C

IIT Madras has developed a robot named HomoSEP. HomoSEP stands for "homogenizer of septic tanks". It is a portable robot that has a shaft attached to blades that can open like an inverted umbrella when introduced into a septic tank.

Source: Can this portable robot end septic tank deaths once it is deployed?

### Q.32) Zircon and Kinzhal sometimes seen in news are?

- a) Advanced missiles
- b) A-SAT systems
- c) Underwater drones
- d) Space rovers

#### **Correct Answer: A**

#### **Explanation**

- The Kh-47M2 Kinzhal is a Russian nuclear-capable air-launched ballistic missile
- Zircon is a Hypersonic Cruise Missile developed by Russia.

Source: Article

#### **Q.33)** With reference to **Havana Syndrome**, consider the following statements:

- 1. It refers to a set of mental health symptoms that are said to be experienced by US intelligence and embassy officials in various countries.
- 2. India has indigenous high-energy lasers and microwave weapons that can cause Havana Syndrome.

#### 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.

**Statement 2 is incorrect**: Recently, the Defence Research and Development Organisation (DRDO) has announced its plans to develop (DEWs) using high-energy lasers and microwaves. So far, India doesn't have indigenous high-energy lasers and microwave weapons.

Source: <u>Indian Express</u>

#### **Q.34)** With reference to **pulse oximeter**, consider the following statements:

- 1. It has a pair of LEDs one emitting green light and another blue light.
- 2. It can be attached to the fingertip, earlobe or toes.
- 3. It calculates the amount of oxygen in blood using Oxygenated and deoxygenated haemoglobin.

#### 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) 1, 2 and 3

#### **Correct Answer: B**

#### **Explanation**

Statement 2 and 3 are correct.

**Statement 1 is incorrect**: The oximeter has a small electronic processor and a pair of LEDs – one emitting red light and another infrared.

**Source:** Indian Express

#### Q.35) GAURI, PRATEEK, KALPANA sometimes seen in news are?

- a) Clinical research tools
- b) ISRO's future outer space missions
- c) Supercomputing facilities planned by CDAC
- d) Deep Ocean Research Vessels

#### **Correct Answer: A**

#### **Explanation**

These are clinical research tools developed by DBT-NBRC under Project SWADESH

Source: PIB

#### Q.36) Antimicrobial resistance can occur in which of the organisms?

- 1. Viruses
- 2. Fungi
- 3. Parasites

Select the correct answer using the code given below

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

#### **Correct Answer D**

#### **Explanation:**

Antimicrobial Resistance (AMR) occurs when bacteria, viruses, fungi and parasites change over time and no longer respond to medicines making infections harder to treat and increasing the risk of disease spread, severe illness and death.

As a result of drug resistance, antibiotics and other antimicrobial medicines become ineffective and infections become increasingly difficult or impossible to treat.

Source: FAO launches action plan 2021–2025

### Q.37) KA-226T sometimes seen in news is a?

- a) A utility Helicopter
- b) Air Defence system
- c) An artificial Island
- d) Near Earth Object

# **Correct Answer: B**

# Explanation

 In 2015, India and Russia had concluded an Agreement for at least 200 Ka-226T twinengine utility helicopters.

Source: Article

# Q.38) With reference to Action Plan on Antimicrobial Resistance 2021-2025, consider the following statements:

- 1. It calls for more AMR-related research and surveillance in the crop, aquaculture and environmental sectors.
- 2. The Action plan has been launched by the World Health Organization (WHO).
- 3. Antimicrobials include antibiotics, antivirals, antifungals and antiparasitics.

#### 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) 1, 2 and 3

#### Correct Answer: C

#### Explanation

- Statement 1 and 3 are correct
- Statement 2 is incorrect: The action plan has been launched by FAO.

Source: Article

#### Q.39) With reference to GSAT-7 satellite, consider the following statements:

- 1. It was launched for the Indian Navy to monitor the Indian Ocean Region and provide realtime data to all the Indian submarines, warships and aircraft.
- 2. It's also known as Rukmini.

# Which of the statements given above is/are incorrect?

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



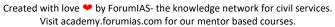
d) Neither 1 nor 2

Correct Answer: d Explanation

Both statements are correct.

• **GSAT-7** also known as **Rukmini** is an advanced communication satellite built by ISRO. It was launched in 2013 for the Indian Navy to monitor the Indian Ocean Region and provide real-time data to all the Indian submarines, warships and aircraft.

Source: Article



#### ART AND CULTURE - FESTIVAL DANCE AND OTHERS - OTHERS

#### Q.1) Which of the following correctly describes the term Khatduh?

- a) Naming ceremony of a new born carried out during the Gupta Age.
- b) Dancing ritual practiced in the mountainous regions of Garhwal.
- c) The youngest daughter in the tribal matrilineal system of Khasis, Jaintias and Garos.
- d) A medicinal herb recently discovered from the Western Ghats.

#### Correct Answer: C

#### Explanation:

- The three tribes of Meghalaya Khasis, Jaintias, and Garos practise a matrilineal system of inheritance.
- In this system, lineage and descent are traced through the mother's clan. In other words, children take the mother's surname, the husband moves into his wife's house, and the youngest daughter (**khatduh**) of the family is handed over the full share of the ancestral or the clan's property.

Source: Article

Q.2) With reference to Khasi community, consider the following statements:

- 1. They live mainly in the State of Sikkim.
- 2. They are kept in the category of Scheduled Tribes.
- 3. They practiced a matrilineal system of inheritance.

#### Which of the statements given above is/are correct?

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

#### Correct Answer: C

#### Explanation

**Statement a is incorrect:** The Khasi people are an ethnic group of **Meghalaya in north-eastern India** with a significant population in the bordering state of Assam, and in certain parts of Bangladesh.

**Statement b is correct:** Under the Constitution of India, the Khasis have been granted the status of Scheduled Tribe.

**Statement c is correct: Khasis** practise a matrilineal system of inheritance. In this system, lineage and descent are traced through the mother's clan. In other words, children take the mother's surname, the husband moves into his wife's house, and the youngest daughter (**khatduh**) of the family is handed over the full share of the ancestral — or the clan's — property.

Source: A proposed Bill and its possible ramifications in matrilineal Meghalaya

### **Q.3)** With reference to **Bhasha Sangam Initiative**, Consider the following statements:

- 1. Under the initiative, school students will learn basic sentences of everyday usage in 22 Indian languages.
- 2. It is an initiative of Ministry of Culture.

### 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**: Under the initiative, school students will learn basic sentences of everyday usage in 22 Indian languages.

**Statement 2 is incorrect**: It is an initiative of the Ministry of Education under Ek Bharat Shreshtha Bharat.

Source: <u>Union Education Minister launches Bhasha Sangam initiative for schools, Bhasha</u> Sangam Mobile App and Ek Bharat Shreshtha Bharat Mobile Quiz

# Q.4) Pochampally was declared as one of the best tourism villages by United Nations World Trade Organisation (UNWTO) recently, in this regard, consider the following statements:

- 1. Pochampally is often referred to as the Silk City of India.
- 2. Acharya Vinobha Bhave launched the Bhoodan movement from Pochampally.

#### 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**: Pochampally, 50 Kms from Hyderabad, is a town in Nalgonda district of Telangana and is often referred to as the Silk City of India for the exquisite sarees that are woven through a unique style called Ikat. This style, Pochampally Ikat, received a Geographical Indicator (GI Status) in 2004.
- **Statement 2 is correct**: Pochampally is also known as Bhoodan Pochampally to commemorate the Bhoodan Movement that was launched by Acharya Vinobha Bhave from this village on April 18th, 1951. Currently a two room Vinobha Bhave Mandir exists within the village which was earlier the place where Vinobha Bhave resided during his visit to the village.

Source: PIB

#### POLITY-VARIOUS BODIES-COMMITTEE

#### **Q.1)** With reference to **Public Accounts Committe**, consider the following statements:

- 1. It consists of members of Lok Sabha only.
- 2. The term of office of the members is one year.

#### 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:** PAC has 22 members. All the members are taken from the Indian Parliament. Out of 22 members, 15 are elected from Lok Sabha (Lower House) and 7 members are elected from Rajya Sabha (Upper House).

Statement 2 is correct: Term of office is 1 year.

Source: Indian Express

# Q.2) Maneesha Panchakam, Saundaryalahiri and Vivekachudamani, have been authored by which of the following personalities?

- a) Adi Shankaracharya
- b) Ramanuja
- c) Thirumula Nayanar
- d) Patanjali

#### Correct Answer: A

#### **Explanation:**

- Adi Shankaracharya **authored 116 works**. Among them, the celebrated commentaries (bhashyas) are on Upanishads, the Brahma Sutra, and the Gita. His famous poetic works include **Maneesha Panchakam and Saundaryalahiri**.
- He authored the **Vivekachudamani**. It spells out the qualifications required in a student of Vedanta.
- He also composed the **Kanakadhara Stotram**, following which there was a rain of golden amlas which brought prosperity to the household.
- Further, he also composed texts like **Shankara Smrithi** which seeks to establish the social supremacy of Nambuthiri Brahmins.

Source: Article

# Q.3) With reference to Darjeeling Himalayan Railway (DHR), consider the following statements:

- 1. It is a UNESCO World Heritage site along with Nilgiri and Kalka-Shimla railway.
- 2. It is currently a narrow-gauge railway.
- 3. Logos of DHR are registered as an intellectual property.

### 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) 1, 2 and 3

#### Correct Answer: d

#### **Explanation:**

All statements are correct.

About Darjeeling Himalayan Railway,

- Darjeeling Himalayan Railway, also known as the DHR or the Toy Train, is a narrow-gauge railway built between 1879 and 1881.
- Route: The railway runs between New Jalpaiguri and Darjeeling in West Bengal.
- **UNESCO World Heritage Site:** In 1999. UNESCO declared the DHR a World Heritage Site. Two more railway lines (Nilgiri and Kalka-Shimla) were later added and the site became known as one of the mountain railways of India.

Source: Article

# Q.4) Which of the following city is the latest one to enter in the UNESCO Creative City Network?

- a) Hyderabad
- b) Bangalore
- c) Srinagar
- d) Patna

#### **Correct Answer C**

#### **Explanation:**

**Statement c is correct:** UNESCO has recently added Srinagar as part of creative city network under the Crafts and Folk Arts Category.

Source: PIB

#### **Q.5)** With reference to **Pashmina Shawls**, consider the following statements:

- 1. Traditional producers of pashmina wool are people known as the Changpa.
- 2. It has been assigned Geographical indication tag under the Geographical Indications of Goods (Registration and Protection) Act, 1999.

#### 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: c

#### Explanation:

**Statement 1 is correct:** Changthangi or Pashmina goat is a special breed of goat mainly found in the Ladakh region and Lahaul and Spiti in Himachal Pradesh. The goats are raised for ultrafine cashmere wool, known as Pashmina wool.

These goats are generally domesticated and reared by nomadic communities called the Changpa in the Changthang region of Ladakh.

**Statement 2 is correct: Kashmir Pashmina** has been assigned a Geographical indication (GI) tag under the Geographical Indications of Goods (Registration and Protection) Act, 1999.

Source: Explained: How Srinagar earned UNESCO creative tag

Q.6) With reference to Papier-mâché in Kashmir, consider the following statements:

- 1. Saint Mir Sayyid Ali Hamadani from Persia is said to have brought this craft to Kashmir.
- 2. It is based primarily on creating colourful utility and decorative objects using walnut trees.

### 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**: Saint Mir Sayyid Ali Hamadani from Persia is said to have brought this craft to Kashmir.

**Statement 2 is incorrect**: It is based primarily on creating colourful utility and decorative objects using paper pulp.

Source: Explained: How Srinagar earned UNESCO creative tag

# Q.7) With reference to National Company Law Tribunal (NCLT), consider the following statements:

- 1. It was established on the recommendations of V Balakrishna Eradi Committee.
- 2. It is a quasi-judicial body.
- 3. The tribunal deals with matters mainly related to companies law and insolvency law.

#### 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) 1, 2 and 3

#### Correct Answer: d

#### **Explanation:**

#### All statements are correct.

- **National Company Law Tribunal(NCLT)** is a quasi-judicial body constituted under section 408 of the Companies Act, 2013 in 2016.
- **Committee**: The tribunal was established based on the recommendation of the V. Balakrishna Eradi committee on the law relating to insolvency and the winding up of companies.
- **Purpose:** The tribunal deals with matters mainly related to companies law and insolvency law.

Source: Article

# **Q.8)** With reference to **Cabinet Committee of Economic Affairs,** consider the following statements:

- 1. It is a constitutional body.
- 2. It is headed by Prime Minister 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: The Cabinet Committees are extra-constitutional in emergence.

They are not mentioned in the Constitution.

Statement 2 is correct: It is headed by Prime Minister of India.

Source: Business Standard

**Q.9)** With reference to **CBI**, consider the following statements:

- 1. It is a statutory body.
- 2. It was recommended by Santhanam Committee on Prevention of Corruption.

#### 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 CBI is the main investigating agency of the GOI. It is not a statutory body. it derives its powers from the Delhi Special Police Establishment Act, 1946.

**Statement 2 is correct:** Santhanam Committee on Prevention of Corruption recommended the establishment of the CBI. The CBI was then formed by a resolution of the Home Affairs Ministry. The Ministry of Personnel, later on, took over the responsibility of the CBI and now it plays the role of an attached office.

Source: Article

- Q.10) Article 123 of the constitution is related to which of the following:
- a) Language to be used in Parliament.
- b) No discussion in Parliament with respect to conduct of any judge of SC or HC.
- c) Ordinance making power of government.
- d) President to consult Supreme Court on any matter.

#### Correct Answer C

#### Explanation:

**Statement c is correct: Article 123** of the Constitution allows the President to promulgate an ordinance when Parliament is not in session.

Source: Article

#### **Q.11)** With reference to **Ordinance making power**, consider the following statements:

- 1. Constitution empowers both President and governor with the Ordinance making powers.
- 2. Parliament cannot disapprove the ordinance before the completion of 6 weeks from its reassembly.

## 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 123 of the Constitution empowers president to promulgate Ordinances during recess of Parliament. Whereas Article 213 empowers the Governor to promulgate Ordinance, during recess of legislature.

**Statement 2 is incorrect**: An ordinance shall be laid before both House of Parliament and shall cease to operate at the expiration of six weeks from the reassemble of Parliament, or, if the resolution disapproving it was passed by Parliament, before the expiration of 6 weeks Source: Indian Express

# Q.12) With reference to the powers of Gram Sabha under the Panchayats (Extension to the Scheduled Areas) Act,1996, consider the following statements:

- 1. Gram Sabha have the right to mandatory consultation in land acquisition, resettlement and rehabilitation of displaced persons.
- 2. The Gram Sabha has the power to regulate sale/consumption of intoxicants and ownership of minor forest produce.

#### 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.

Source: One-day Conference on PESA organised on completion of 25 years of the Act

#### Q.13) Article 222 of the constitution is related to:

- a) Transfer of a Judge (including Chief Justice) from one High Court to any other High Court.
- b) Powers of high courts to issue writs to protect fundamental rights of citizens.
- c) Power of judicial review.
- d) Ordinance making power of the government.

#### **Correct Answer A**

#### **Explanation:**

**Statement a is correct:** It deals with the transfer of judges. It states that the President may, after consultation with the Chief Justice of India (CJI), transfer a judge from one high court to another.

#### **Q.14)** With reference to **High Court Judge,** consider the following:

- 1. Judges of High Court are appointed by Chief Justice of the concerned High Court.
- 2. The retirement age of High Court is same as Supreme Court which is 65 years.

#### 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:** Article 217 of the Constitution: It states that the Judge of a High Court shall be appointed by **the President in consultation with** the Chief Justice of India (CJI), the Governor of the State. In the case of appointment of a Judge other than the Chief Justice, the Chief Justice of the High Court is consulted.

**Statement 2 is incorrect:** the retirement age is 65 years for Supreme Court judges and **62** years for high court judges

Source: TheHindu

#### Q.15) Article 245 of the constitution is related to which of the following:

- a) Power of Parliament to make laws for the whole or any part of India, also gives the legislative body the power to repeal them.
- b) Power of President to make regulations for certain Union territories.
- c) All proceedings in the Supreme Court and in every High court shall be in English Language.
- d) Parliament has exclusive power to make any law with respect to any matter not enumerated in the Concurrent List or State List.

#### **Correct Answer A**

#### Explanation

**Statement a is correct: Article 245 of the Constitution** gives Parliament the power to make laws for the whole or any part of India, and state legislatures the power to make laws for the state. Parliament draws its power to repeal a law from the same provision.

Source: Article

#### Q.16) Which of the following is considered as Guardian of the constitution?

- a) President
- b) Prime Minister
- c) Supreme Court
- d) Parliament

#### **Correct Answer: C**

# Explanation:

**Statement c is correct**: The supreme court is called the guardian of the Constitution as it protects the fundamental rights of citizens from being getting violated by any organ of the government

Source: TOI

#### Q.17) With reference to Joint Parliament Committee, consider the following:

- 1. It is a permanent body.
- 2. It is set up to examine a bill presented before the Parliament, or for the purpose of investigating cases of financial irregularities in any government activity.

# Which of the statements given above is/are incorrect?

- 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 an ad-hoc body. It is set up for a given period of time and is aimed at addressing a specific issue.

**Statement 2 is correct:** A Joint Parliamentary Committee (JPC) is set up to examine a particular bill presented before the Parliament, or for the purpose of investigating cases of financial irregularities in any government activity.

Source: TOI

#### Q.18) With reference to **Uniform Civil Code**, consider the following statements:

- 1. At present no state/UT in India has implemented Uniform Civil Code.
- 2. The term "Uniform Civil Code" is mentioned in Directive Principles of State 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: B

#### Explanation

**Statement 1 is incorrect**: The Uniform Civil code(UCC) was introduced in Goa by the erstwhile Portuguese rulers. It was retained even after the territory was merged with India in the year 1961. It is the only state in the country where uniform civil code is applicable to all regardless of religion except while protecting certain limited rights.

#### Statement 2 is correct.

Source: Allahabad High Court Decision on Unform Civil Court Code

#### Q.19) The Global State of Democracy report is published by?

- a) Global Public Policy Institute
- b) Network of Democracy Research Institutes
- c) Centre for Strategic and International Studies
- d) International Institute for Democracy and Electoral Assistance

#### Correct Answer: d

#### Explanation

The Global State of Democracy Report 2021 has been released by the International Institute for Democracy and Electoral Assistance.



**Aim:** To review the state of democracy around the world over the course of 2020 and 2021, with democratic trends since 2015 used as contextual reference.

#### Q.20) 5th and 6th schedule of the constitution is related to:

- a) Provisions in relation to the allocation of seats for States and Union Territories in Rajya Sabha.
- b) Provisions in relation to the administration and control of scheduled areas and scheduled tribes.
- c) Deals with official languages recognized by Constitution of India.
- d) Deals with allocation of powers and functions between Union & States.

#### **Correct Answer B**

#### **Explanation:**

#### Statement b is correct:

**Schedule 5**: It contains provisions in relation to the administration and control of scheduled areas and scheduled tribes

**Schedule 6**: It contains provisions in relation to the administration of tribal areas in the states of Assam, Meghalaya, Tripura and Mizoram



### BILLS, ACTS AND REGULATIONS - BILLS - Mediation

### Q.1) With reference to Draft Mediation Bill,2021, consider the following statements:

- 1. The bill provides for the establishment of the Mediation Council of India.
- 2. India is a signatory to the Singapore Convention on Mediation.

#### 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.

#### Objectives of the bill

- **To** promote, encourage, and facilitate mediation, especially institutional mediation, to resolve disputes, commercial and otherwise.
- **To** bring standalone law on Mediation on domestic and international mediation issues, as India is a signatory to the Singapore Convention on Mediation.
- **To** include the international practice of using the terms 'conciliation' and 'mediation' interchangeably.

Source: Article

# **Q.2)** With reference to **Unlawful Activities (Prevention) Act**, consider the following statements:

- 1. Both Indian and foreign nationals can be charged under the Act.
- 2. The Act is based on Innocent until proven guilty principle.
- 3. The central government can designate individuals as 'terrorist'.

#### Which of the statements given above is/are correct?

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

#### Correct Answer: C

#### Explanation

**Statement 1 is correct**: Under the act, both Indian and foreign nationals can be charged. The act has the death penalty and life imprisonment as the highest punishments.

**Statement 2 is incorrect**: The 2019 amendment reversed the innocent until proven guilty principle.

**Statement 3 is correct**: The central government can designate individuals as 'terrorist'.

Source: UAPA and the recent judgments – Explained, pointwise

# Q.3) With reference to Real Estate Regulation and Development Act, 2016, consider the following statements:

1. The Act defines Carpet Area as net usable floor area of flat. Buyers will be charged for the carpet area and not the super built-up area.

2. The developer has to deposit 100% of the funds collected from buyers in a separate escrow bank account for any purpose.

### Which of the statements given above is/are correct?

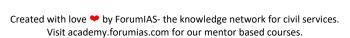
- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: A** 

Explanation

Statement 1 is correct.

**Statement 2 is incorrect**: The developer has to deposit 70% of the funds collected from buyers in a separate escrow bank account for construction of that project only.





#### Medieval History

#### **Q.1)** With reference to **Rani Kamlapati**, consider the following statements:

- 1. She was claimed to be the "last Hindu queen of Bhopal" who did great work in the area of water management and set up parks and temples.
- 2. She belongs to Munda 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: A**

#### **Explanation:**

**Statement 1 is correct**: She was claimed to be the "last Hindu queen of Bhopal" who did great work in the area of water management and set up parks and temples.

**Statement 2 is incorrect**: Rani Kamalapati was the 18th Century Gond queen of the region. She was the widow of Gond ruler Nizam Shah, chief of Ginnorgarh.

Source: The Hindu

#### Q.2) With reference to Devsahayam Pillai, consider the following statements:

- 1. He converted from Hinduism to Christianity.
- 2. He is the first Indian layman to be declared a saint by the Vatican.

#### 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.

- Devsahayam Pillai, an 18th-century Hindu convert to Christianity would be made a saint by the Roman Catholic Church in the Vatican. He is the first Indian layman to be declared a saint by the Vatican. All other Indians elevated as saints have been members of the clergy.
- In 1752, just seven years after he became a Catholic, Devasahayam was shot dead. Since then, he has widely been considered a martyr by the Catholic community in South India.

Source: Explained: Who is Devasahayam, the first Indian layman to be conferred sainthood?

#### Ancient History - JANPATH'S AND MAURYAN EMPIRE

# **Q.1)** With reference to **Alexander the great**, consider the following statements:

- 1. He succeeded his father, King Phillip II.
- 2. He defeated Darius I in the Battle of Hydaspes.
- 3. He was contemporary to Chandragupta Maurya.

# 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) 1, 2 and 3

Correct Answer: C

**Explanation** 

Statement 1 and 3 are correct.

**Statement 2 is incorrect**: In 330 BC, he defeated Darius III in the Battle of Gaugamela. After that, he crossed the Hindu Kush and entered the Kabul valley.

Beyond the Jhelum, he was challenged by the legendary warrior whom Greek sources have identified as Porus. Alexander defeated Porus in the Battle of Hydaspes.

