

10 PM Current Affairs Quiz Compilation

8th to 14th June, 2020

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

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Q.1) Which of the following countries border the **Persian Gulf**?

1. Egypt
2. Jordan
3. Saudi Arabia
4. United Arab Emirates

Select the correct answer using the code given below:

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

Correct answer: C

Explanation: The Persian Gulf is bordered by **Bahrain, Oman, Iran, Qatar, Iraq, Saudi Arabia, Kuwait and United Arab Emirates.**



Q.2) Consider the following statements regarding the **Ayushman Bharat Scheme**:

1. It is a Central Sector Scheme.
2. Only government hospitals are empanelled for implementation of the scheme.
3. State can expand the benefit cover beyond ₹5 lakh per family per year.

Which of the statements given above is/are correct?

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

Correct answer: C

Explanation: Statement 1 is incorrect. **Ayushman Bharat – PM Jan Arogya Yojana** (AB-PMJAY) is a **centrally sponsored scheme**. The ratio of contribution towards premium between Centre and State is 60:40 in all States except North Eastern States and the three Himalayan States, where the ratio is 90:10.

Statement 2 is incorrect. **Private hospitals are also empanelled** for the implementation of the scheme and one can go to public or empanelled private hospitals across the country and get treatment under the scheme.

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Statement 3 is correct. If the State want, they can even expand the benefit cover beyond `5 lakh per family per year. However, in this case cost of additional cover will need to be completely borne by the State.

Q.3) Consider the following statements regarding the **Wild Boar**:

1. It is listed Least Concern species in IUCN Red List.
2. It is endemic to South and South East Asia.

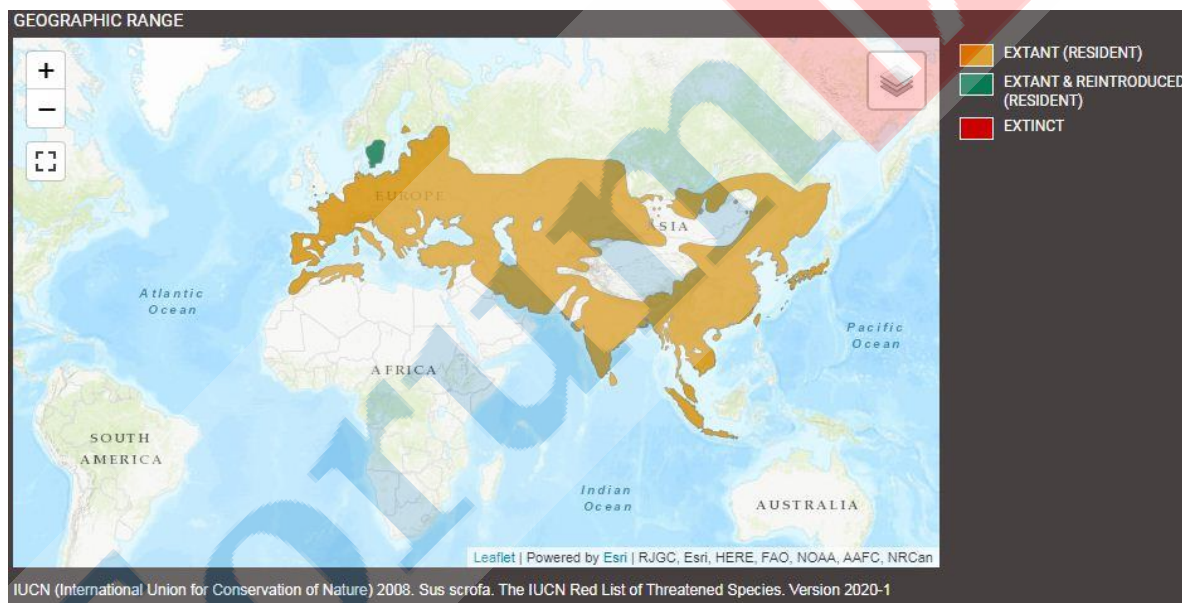
Which of the statements given above is/are correct?

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

Correct answer: A

Explanation: Statement 1 is correct. **Wild Boar** (*Sus scrofa*) is listed as least concern species in the IUCN red list.

Statement 2 is incorrect. It is a terrestrial animal with habitat ranging Forest, Savanna, Shrub land, Grassland, Wetlands (inland), Desert, Artificial/Terrestrial and Artificial/Aquatic & Marine environment. It is found in many regions of Asia and Europe as well.



Q.4) The **Ashok Dalwai Committee** is related to which of the following?

- a) Doubling Farmers' Income
- b) National Commission on Farmers
- c) Working group on Social Stock Exchanges (SSE)
- d) None of the above

Correct answer: A

Explanation: **The Committee on Doubling Farmers' Income (DFI)** chaired by Ashok Dalwai recommended on the strategies to achieve the target.

The report was submitted in fourteen volumes focusing on:

Demand Driven Agricultural Logistics System.

Developing Hub and Spoke System at back-end as well as front-end.

Marketing Intelligence System.

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Farmer-centric National Agricultural Marketing System.

Promoting Sustainable Agriculture.

Effective Input Management achieving Resource-Use-Efficiency (RUE) and Total Factor Productivity.

Enhancing Production through Productivity.

Farm Linked Activities to include secondary agriculture that utilizes local manpower and biological resource in the vicinity of farms.

Agricultural Risk Assessment and Management.

Empowering Farmers through Agricultural Extension, Knowledge Diffusion and Skill Development.

Research & Development and ICT designed to support the Doubling of Farmers' Income strategy.

Structural and Governance Reforms in Agriculture.

National Commission on Farmers was chaired by Professor M.S. Swaminathan, 2004.

Working group on Social Stock Exchanges (SSE) was chaired by Ishaat Hussain, 2020.

Q.5) Consider the following statements regarding the **Rajya Sabha membership**:

1. At present, eight members are elected from the Union territories to the Rajya Sabha.
2. The members of Legislative Council do not vote in the election of Rajya Sabha members.
3. Constitution provides no specific qualification for the members nominated to Rajya Sabha.

Which of the statements given above is/are correct?

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

Correct answer: A

Explanation: Statement 1 is correct. At present, total eight members are elected from the Union territories (**3 from Delhi, 1 from Puducherry and 4 from Jammu & Kashmir**). Other Union territories are not represented in Rajya Sabha.

Statement 2 is correct. **Article 80(4) of Constitution** of India provides that members of Rajya Sabha shall be elected by the elected members of State Legislative Assemblies through the system of proportional representation by means of the single transferable vote.

Statement 3 is incorrect. **Article 80 (3) of the Constitution** of India provides that the members to be nominated by the President to Rajya Sabha should have special knowledge or practical experience in matters like literature, science, art and social service.

Further, the article 84 (b) of constitution stipulates that a person shall be of not less than 30 years of age to be member of Rajya Sabha.

Q.6) Consider the following statements regarding **TRAFFIC, the wildlife trade monitoring network**:

1. It was established by IUCN in collaboration with the UNFCCC.
2. The Elephant Trade Information system (ETIS) is managed by TRAFFIC on behalf of the CITES.

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: B

Explanation: Statement 1 is incorrect. **TRAFFIC**, the wildlife trade monitoring network, is a joint program of **WWF and IUCN** established in 1976. TRAFFIC works to ensure that trade in wild plants and animals is not a threat to the conservation of nature. It has gained its greatest reputation from supporting CITES, the Convention on International Trade in Endangered Species.

Statement 2 is correct. **Elephant Trade Information system (ETIS)** is a comprehensive information system to track illegal trade in ivory and other elephant products. Since its inception, ETIS has been managed by TRAFFIC on behalf of the CITES Parties.

The report "Indian wildlife amidst the COVID-19 crisis: An analysis of poaching and illegal wildlife trade" has been released by TRAFFIC.

Q.7) Which of the following are potential results of a reduction in **Repo rate**?

1. Decrease in bank deposit rates
2. Increase in lending rates by banks

Which of the statements given above is/are correct?

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

Correct answer: A

Explanation: Statement 1 is correct. As Repo rates are decreased, money becomes easily available for banks through RBI route; therefore they may lower the deposit rates offered to retail customers.

Statement 2 is incorrect. With lower repo rates, the money becomes cheaper; therefore it is called **easy money policy**. The central bank encourages the banks to pass relaxed interest rates to end customers.

Q.8) Consider the following statements regarding the **Wild Life (Protection) Act, 1972**:

1. The killing of any wild animal in defence of oneself is not an offence.
2. Chief Wild Life Warden may allow an animal listed in schedule I to be hunted if it becomes dangerous to human life.
3. It empowers the State Governments to declare an animal as Vermin.

Which of the statements given above is/are correct?

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

Correct answer: A

Explanation: Statement 1 is correct. **Section 11 (1)(a)** of the act states "the Chief Wild Life Warden may, if he is satisfied that any wild animal specified in Schedule I has become dangerous to human life or is so disabled or diseased as to be beyond recovery, by Order in writing and stating the reasons therefor, permit any person to hunt such animal or cause such animal to be hunted".

Statement 2 is correct. **Section 11(2)** states the killing or wounding in good faith of any wild animal in defence of oneself or of any other person shall not be an offence.

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Statement 3 is incorrect. **Section 62** of the act empowers Central government to declare any wild animal other than those specified in Schedule I and Part II of Schedule II to be vermin for any area and for such period as may be specified therein.

Q.9) Strait of Hormuz is a passage between:

- a) Red Sea and Gulf of Aden
- b) Persian Gulf and Gulf of Oman
- c) Red Sea and Mediterranean Sea
- d) Andaman Sea and South China Sea

Correct answer: B

Explanation: The **Strait of Hormuz** is a strait between the Persian Gulf and the Gulf of Oman.

The **Bab-el-Mandeb** is a strait connects the Red Sea to the Gulf of Aden.

The **Suez Canal** connects the Mediterranean Sea to the Red Sea.

The **Strait of Malacca** is the waterway connecting the Andaman Sea and the South China Sea.



Q.10) Who among the following has released the Environment Performance Index (EPI) 2020?

- a) United Nations Framework Convention on Climate Change
- b) Yale University & Columbia University
- c) Down to Earth
- d) IUCN and World Wildlife Fund for Nature

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Correct answer: B

Explanation: The Environmental Performance Index is a joint project of the **Yale University and Columbia University** institutes. The EPI is produced in collaboration with the **World Economic Forum (WEF)**.

India secured 168 rank in the 2020 edition of the biennial Environment Performance Index that measured the environmental performance of 180 countries.

Overall EPI rankings indicate which countries are best addressing the environmental challenges that every nation faces. All South Asian countries, except Afghanistan, are ahead of India in the ranking.

Q.11) Which of the following correctly defines the **Modern Monetary Theory**?

- a) Sovereign governments have limited means of raising money supply
- b) Sovereign governments can raise money supply without high taxes or increased borrowings
- c) A higher money supply is inadvertently causes higher government borrowing
- d) Sovereign government is bound by revenue constraints for raising money supply

Correct answer: B

Explanation: The Modern Monetary Theory argues that that countries that issue their own currencies can **never run out of money** and are not are not operationally constrained by revenues (taxes) when it comes to government spending.

Monetarily sovereign governments do not need taxes or borrowing for spending since **they can print as much as they need** and are the monopoly issuers of the currency.

Q.12) Consider the following statements regarding the **Fiscal Responsibility and Budget Management (FRBM) Act**:

- 1. It states that under no circumstances shall the Central Government borrow from Reserve Bank of India.
- 2. It allows deviation from fiscal deficit target up to 0.5 percent on the grounds of structural reforms in the economy with unanticipated fiscal implications.

Which of the 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. Section 5(2) of the act states that **Central Government may borrow from the Reserve Bank** by way of advances to meet temporary excess of cash disbursement over cash receipts.

Section 5(3) states Reserve Bank may subscribe to the primary issues of Central Government Securities grounds of national security, act of war, national calamity, collapse of agriculture severely affecting farm output and incomes, structural reforms in the economy with unanticipated fiscal implications, decline in real output growth of a quarter by at least three per cent.

Under Section 5(4) Reserve Bank may buy and sell the Central Government securities in the secondary market.

Statement 2 is correct. Section 4(2) provides for the **grounds of deviation from fiscal deficit targets**, these are: national security, act of war, national calamity, collapse of agriculture severely affecting farm output and incomes, structural reforms in the economy

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with unanticipated fiscal implications, decline in real output growth of a quarter by at least three percent points below its average of the previous four quarters.

While section 4(3) states that any deviation from fiscal deficit target under sub-section (2) **shall not exceed one-half percent of the gross domestic product in a year.**

Q.13) Consider the following statements:

1. Profession tax is an income tax levied by the Central government.
2. The Legislature of a State may by law authorize a Panchayat to levy, collect and appropriate taxes.

Which of the 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. Article 276 empowers the **Legislature of a State** to make laws relating to taxes for the benefit of the State or of a municipality, district board, local board or other local authority therein in respect of **professions, trades, callings or employments.**

Statement 2 is correct. **Article 243H of the constitution** states that the Legislature of a State may, by law: (a) authorize a Panchayat to levy, collect and appropriate such taxes, duties, tolls and fees in accordance with such procedure and subject to such limits.

(b) assign to a Panchayat such taxes, duties, tolls and fees levied and collected by the State Government for such purposes and subject to such conditions and limits.

(c) provide for making such grants-in-aid to the Panchayats from the Consolidated Fund of the State; and

(d) provide for Constitution of such Funds for crediting all moneys received, respectively, by or on behalf of the Panchayats and also for the withdrawal of such moneys therefrom.

Q.14) Which among the following is the **first private company** to have successfully launched a crewed space flight to **International Space Station**?

- a) Blue Origin
- b) SpaceX
- c) Boeing
- d) Antrix Corporation

Correct answer: B

Explanation: The first crewed launch by a private company rocket and spacecraft to take astronauts to the International Space Station was successfully launched on March 30, 2020 **by Falcon 9 rocket of SpaceX.** It was a part of commercial crew program of NASA. Boeing is another company that is part of NASA's commercial crew program.

Antrix Corporation Limited, Bengaluru is a wholly owned Government of India Company under the administrative control of the Department of Space.

Q.15) Which of the following is/are levied under the **Income Tax Act, 1961**?

1. Corporate Tax
2. Personal Income Tax
3. Minimum Alternative Tax

Select the correct answer using the code given below:

- a) 1 and 2 only

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

Correct answer: D

Explanation: All are levied as per the provisions of **Income Tax Act, 1961**.

As per the act all income accruing or arising, whether directly or indirectly, through or from any business connection in India and income which falls under the head "Salaries", if it is earned in India is deemed to be accrued in India under the act.

Minimum Alternate Tax (MAT) is a tax introduced in India by Section 115JB of **the Income Tax Act, 1961** (IT Act), to tax those companies which show zero or negligible income to avoid tax.

Q.16) Which among the following is/are **aircraft carrier**?

1. INS Vikramaditya
2. INS Arihant
3. INS Vikrant

Select the correct answer using the code given below:

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

Correct answer: C

Explanation: **INS Vikramaditya** is a modified Kiev class carrier (ex-Russian) in service with Indian Navy since 2013.

INS Vikrant, also known as Indigenous Aircraft Carrier-1, is an aircraft carrier under construction by Cochin Shipyard in Kochi, Kerala for the Indian Navy; it is expected to be delivered by 2022.

INS Arihant is the lead ship of India's Arihant class of nuclear-powered ballistic missile submarines.

Q.17) Which of the following is/are correctly matched?

1. Chumar - Ladakh
2. Gairsain - Uttarakhand
3. Depsang La - Himachal Pradesh

Select the correct answer using the code given below:

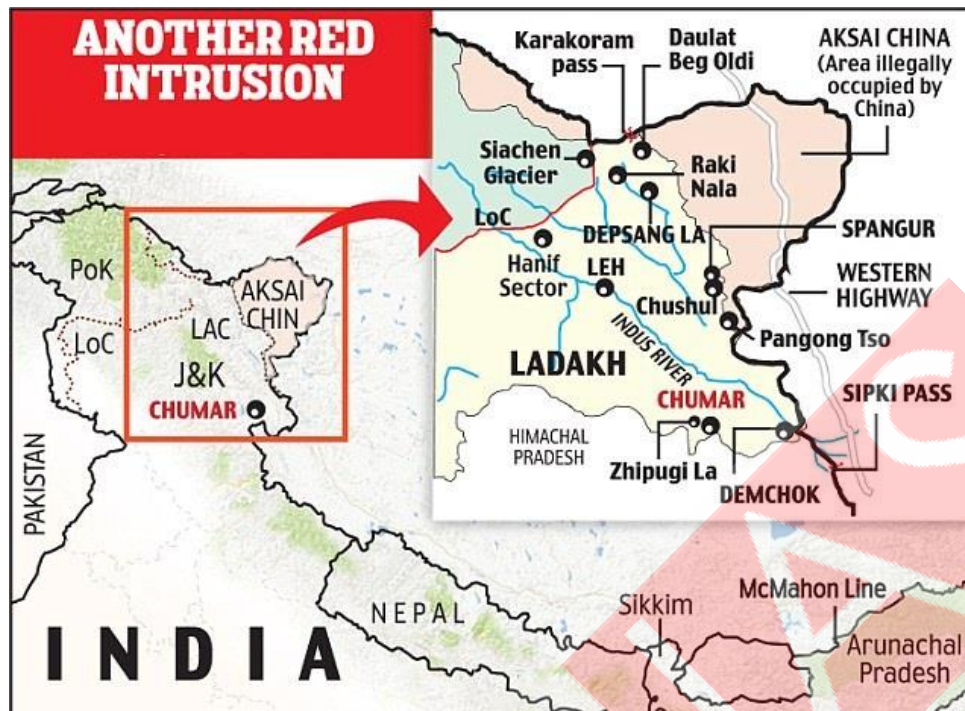
- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All of the above

Correct answer: A

Explanation: Chumar and Depsang La are in Union territory of Ladakh.

Gairsain in Uttarakhand has been declared its Summer Capital by the State government.

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Q.18) Consider the following statements regarding the **Coalition for Disaster Resilient Infrastructure (CDRI)**:

1. It was launched at the UN Climate Action Summit 2019 held in New York City, USA.
2. Its secretariat is in New Delhi, India.
3. CDRI will support countries to upgrade their systems for ensuring disaster and climate resilience.

Which of the statements given above is/are correct?

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

Correct answer: D

Explanation: All statements are correct.

India launched **global Coalition for Disaster Resilient Infrastructure (CDRI)**, at the UN Climate Action Summit 2019 held in New York City, USA, on September 23, 2019.

CDRI will support countries to upgrade their systems for ensuring disaster and climate resilience of existing and future infrastructure. It seeks to rapidly expand the development of and retrofit resilient infrastructure to respond to the SDGs objectives of expanding universal access to basic services, enabling prosperity, and decent work.

The CDRI Secretariat located in **New Delhi, India** will anchor and coordinate these functions.

Q.19) Which of the following releases the **Global Economic Prospects** report?

- a) World Bank
- b) International Monetary fund
- c) World Economic Forum
- d) Organization for Economic Co-operation and Development

Correct answer: A

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Explanation: Global Economic Prospects is a **World Bank Group** flagship report that examines global economic developments and prospects, with a special focus on emerging market and developing economies. It is issued twice a year, in **January and June**.

As per the **June 2020 report** the global economy, which has plunged into a severe contraction, will shrink by 5.2 per cent this year due to COVID-19 pandemic. The advanced economies are expected to shrink 7.0 percent and the **Emerging Markets and Developing Economies (EMDEs)** are expected to shrink by 2.5 per cent this year, their first contraction as a group in at least 60 years.

Q.20) Consider the following statements regarding the **Inter-Parliamentary Alliance on China**:

1. It is an international cross-party group of legislators.
2. India is a founding 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. **The Inter-Parliamentary Alliance on China** is an international cross-party group of legislators working towards reform on how democratic countries approach China.

It is made up of global legislators and led by a group of co-chairs, who are senior politicians drawn from a representative cross-section of the world's major political parties.

Statement 2 is incorrect. Australia, Canada, Czech Republic, European Parliament, Germany, Japan, Lithuania, Netherlands, Norway, Sweden, United Kingdom and the U.S. representatives launched the alliance on June 4, 2020, the anniversary of the **1989 Tiananmen Square protests**.

Q.21) Which of the following is/are emitted through the **Coal combustion**?

1. Carbon dioxide
2. Mercury
3. Nitrogen Oxides
4. Sulphur dioxide

Select the correct answer using the code given below:

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

Correct answer: D

Explanation: Several emissions from the coal combustion are:

-**Sulfur dioxide (SO₂)**, which contributes to acid rain and respiratory illnesses

-**Nitrogen oxides (NO_x)**, which contribute to smog and respiratory illnesses

-**Particulate matter**, which contribute to smog, haze, and respiratory illnesses and lung disease

-**Carbon dioxide (CO₂)**, a primary greenhouse gas

-**Mercury and other heavy metals**, which cause neurological damage in humans and other animals

-**Fly ash and bottom ash**, which are residues created when power plants burn coal

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Q.22) Consider the following statements:

1. Member countries in Paris Climate Summit agreed to hold the global average temperature below 2°C above pre-industrial levels.
2. Human-induced warming has already reached about 1°C above pre-industrial levels.

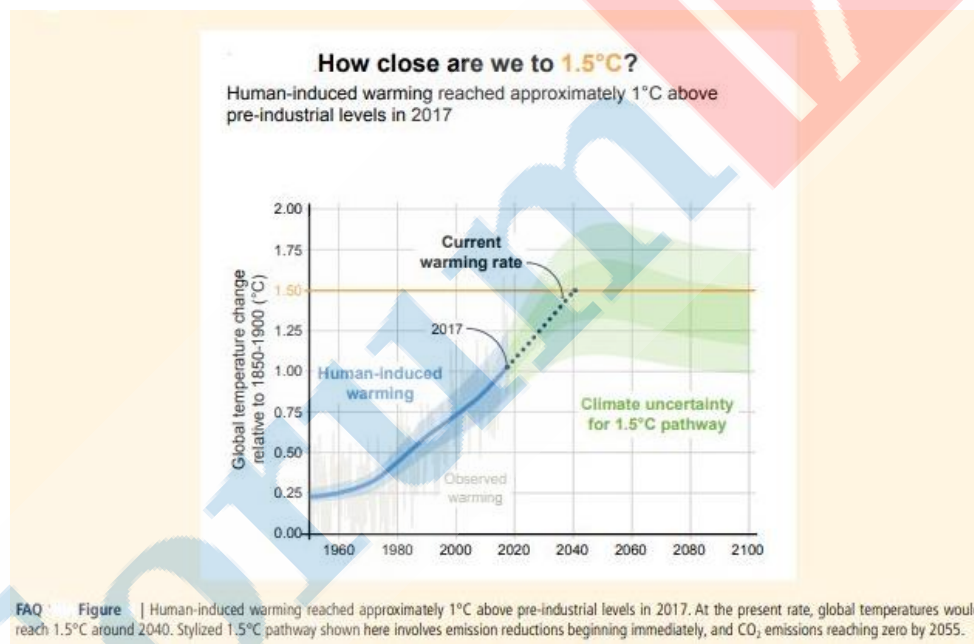
Which of the statements given above is/are correct?

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

Correct answer: C

Explanation: Statement 1 is correct. At the **21st Conference of the Parties (COP21)** in December 2015, 195 nations adopted the Paris Agreement. The agreement includes the aim to strengthen the global response to the threat of climate change by ‘holding the increase in the global average temperature to well below **2°C above pre-industrial levels and pursuing efforts to limit the temperature increase to 1.5°C above pre-industrial levels**’.

Statement 2 is correct. As per IPCC reports, Human-induced warming had already reached about 1°C above pre-industrial levels in 2017.



Q.23) Consider the following statements:

1. Jammu and Kashmir Reorganization act provides for seats of Gilgit-Baltistan region in Jammu and Kashmir Legislative assembly.
2. The Ladakh Union Territory shares its border with Pakistan, Afghanistan and China.

Which of the statements given above is/are correct?

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

Correct answer: B

Explanation: Statement 1 is incorrect. As per the Jammu and Kashmir Reorganization act, twenty-four seats in the Legislative Assembly of Union territory of Jammu and Kashmir shall remain vacant until the area of the Union territory of Jammu and Kashmir under the

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occupation of Pakistan. The region of **Gilgit Baltistan however is part of Ladakh Union Territory.**

Statement 2 is correct. The new Union territory of Ladakh shares its border with Pakistan, Afghanistan and China.



Q.24) Which of the following local crafts of India is/are correctly matched to their Geographical indication area?

1. Channapatna Toys & Dolls - Telangana
2. Pipli Applique Work - Odisha
3. Sohrai Painting - Chhattisgarh

Select the correct answer using the code given below:

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

Correct answer: B

Explanation: Channapatna toys are wooden toys and dolls that are manufactured in the town of Channapatna in the Ramanagara district of **Karnataka**.

Pipli Applique Work is well known craft in Pipli village, Puri in **Odisha** and the town is also famous for their colorful fabrics Applique handicrafts.

Sohrai is a harvest festival of **Jharkhand**, Bihar and the Sohrai paintings depict the same. All of the above are registered as Geographical Indication.

Q.25) Consider the following statements:

1. Tadoba-Andhari is one of the Tiger Reserves of India.
2. The vegetation of Tadoba forest is of tropical dry deciduous type.

Which of the statements given above is/are correct?

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

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d) Neither 1 nor 2

Correct answer: C

Explanation: Statement 1 is correct. **Tadoba National Park is also Tadoba Andhari Tiger Reserve** as it is one of India's 47 project tiger reserves existing in India. The total area of the tiger reserve is 1,727 Sq.km, which includes the Tadoba National Park, created in the year 1955. The Andhari Wildlife Sanctuary was formed in the year 1986 and was amalgamated with the park in 1995 to establish the present Tadoba Andhari Tiger Reserve. Statement 2 is correct. The vegetation of Tadoba forest is of **Southern tropical dry deciduous type** with flora including Teak, Ain, Bija, Dhaua, Hald, Salai, Semal, Tendu etc.

Q.26) Which of the following state(s) does *not* feature in **Crude Oil producing states of India?**

1. Rajasthan
2. Andhra Pradesh
3. Assam

Select the correct answer using the code given below:

- a) 1 only
- b) 1 and 2 only
- c) 2 and 3 only
- d) None of the above

Correct answer: D

Explanation: All states mentioned are crude oil producing states of India.

MINISTRY OF PETROLEUM & NATURAL GAS Annexure-I (Para 1)
Crude Oil Production during the month of April, 2020

(Figures in TMT)

Name of Undertaking/Unit/State	Planned production during the month ²	Production during the		% variation during the month under review over last year's production in corresponding month	% variation during the month under review over planned production
		Month under review *	Corresponding month of last year **		
(1)	(2)	(3)	(4)	(5)	(6)
1. ONGC	1692.83	1681.77	1690.78	-0.53	-0.65
Onshore	483.85	482.02	503.69	-4.30	-0.38
Andhra Pradesh	16.87	14.53	19.65	-26.05	-13.89
Assam ^	77.93	79.62	79.26	0.45	2.18
Gujarat	365.59	362.15	377.94	-4.18	-0.94
Tamil Nadu	23.46	25.72	26.85	-4.21	9.62
Offshore	1208.98	1199.74	1187.09	1.07	-0.76
Eastern Offshore	1.32	1.19	1.57	-24.16	-10.10
Western Offshore	1093.66	1105.42	1074.78	2.85	1.07
Condensates	113.99	93.14	110.73	-15.89	-18.30
2. OIL (Onshore)	250.52	248.25	265.21	-6.39	-0.90
Assam	247.76	245.22	262.91	-6.73	-1.03
Arunachal Pradesh	2.18	2.24	1.78	25.74	2.57
Rajasthan (heavy oil)	0.58	0.80	0.52	54.13	39.05
3. Private / JVC	639.68	615.80	762.55	-19.25	-3.73
Onshore	559.09	514.20	631.11	-18.52	-8.03
Andhra Pradesh	4.35	3.89	0.91	328.08	-10.69
Arunachal Pradesh	2.45	2.56	2.69	-4.90	4.46
Assam	3.10	1.28	2.74	-53.35	-58.65
Gujarat	13.72	9.00	10.20	-11.77	-34.43
Rajasthan	528.57	490.56	607.33	-19.23	-7.19
Tamil Nadu	6.90	6.92	7.24	-4.41	0.28
Offshore	80.59	101.59	131.44	-22.71	26.06
Eastern Offshore	54.41	73.61	43.73	68.34	35.29
Gujarat Offshore	26.18	27.98	56.09	-50.11	6.89
Western Offshore	0.00	0.00	31.62	-	-
GRAND TOTAL (1+2+3)	2583.03	2545.81	2718.55	-6.35	-1.44
Onshore	1293.46	1244.48	1400.02	-11.11	-3.79
Offshore	1289.57	1301.34	1318.53	-1.30	0.91

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Q.27) Which of the following is correct regarding **Tor Network**?

1. It is an anonymous communication network that can only be accessed with a special web browser.
2. It promotes online surveillance to promote law and order.
3. It is an open source software.

Select the correct answer using the code given below:

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

Correct answer: C

Explanation: Statement 1 is correct. The Tor project is a non-profit organization that conducts research and development in promoting the **online privacy and anonymity**. The TOR network is an anonymous network that can only be accessed with a special web browser, called the TOR browser.

Statement 2 is incorrect. Its basic aim is to promote anonymity; it is designed to **stop people, including government agencies and corporations** from learning about people's location or tracking their browsing patterns.

Statement 3 is correct. Tor released its code under a **free and open software license** in 2002.

Q.28) Which of the following **River-Tributary pair** is/are correctly matched?

1. Godavari - Pranhita
2. Kaveri - Hemvati
3. Krishna - Chandrabhaga

Select the correct answer using the code given below:

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

Correct answer: A

Explanation: Godavari River: Its tributaries include Indravati River, Pranhita (Combination of Penganga and Wardha), Manjira, Sabari etc.

Kaveri River: Tributaries are Shimsha, Hemavati, Arkavathy, Kapila, Honnuhole, Lakshmana Tirtha, Kabini, Lokapavani, Bhavani, Noyyal and Amaravati rivers.

Krishna River: Its tributaries include the Tungabhadra River, Koyna, Bhima, Mallaprabha, Ghataprabha, Musi and Dudhganga rivers.

Q.29) Which among the following has released the **State Food Safety Index** for India?

- a) Food Safety and Standards Authority of India (FSSAI)
- b) NITI Aayog
- c) Food and Agriculture Organization (FAO)
- d) Indian Council of Agricultural Research (ICAR)

Correct answer: A

Explanation: FSSAI has developed State Food Safety Index to measure the performance of states on various parameters of Food Safety. This index is based on performance of State/ UT on five significant parameters: **Human Resources and Institutional Data,**

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Compliance, Food Testing – Infrastructure and Surveillance, Training & Capacity Building and Consumer Empowerment.

The second edition (2020) has been released recently. Gujarat, Goa and Chandigarh are the best performing large state, small state and union territory respectively.

Q.30) Consider the following statements regarding the **Coffee Board** of India:

1. It is a statutory organization under the Ministry of Agriculture & Farmer Welfare.
2. The Coffee Board is involved activities in the areas of research, extension and promotion of coffee in export and domestic markets.

Which of the statements given above is/are correct?

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

Correct answer: B

Explanation: Statement 1 is incorrect. The Coffee Board is a statutory organization constituted under Section (4) of the **Coffee Act, 1942** and functions under the administrative control of the **Ministry of Commerce and Industry**, Government of India.

Statement 2 is correct. The activities of the Board are broadly aimed at (i) enhancement of production, productivity & quality; (ii) export promotion for achieving higher value returns for Indian Coffee and (iii) supporting development of Domestic market.

Q.31) Consider the following statements regarding the **Biological Weapons Convention**:

1. It prohibits the development, production as well as stockpiling of biological weapons.
2. India has signed but not ratified the convention.

Which of the 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 **Biological Weapons Convention (BWC)**, the first multilateral disarmament treaty banning the development, production and stockpiling of an entire category of weapons of mass destruction, was opened for signature on 10 April 1972. The BWC entered into force on 26 **March 1975**.

Statement 2 is incorrect. **India is signed the convention in 1973 and ratified it in 1974.**

Q.32) Which of the following statements is/are correct regarding G7 membership?

1. All permanent members of UN Security Council are member to the group.
2. No member country of the group has membership of Shanghai Cooperation Organization.
3. No member country of the group is land locked.

Select the correct answer using the code given below:

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

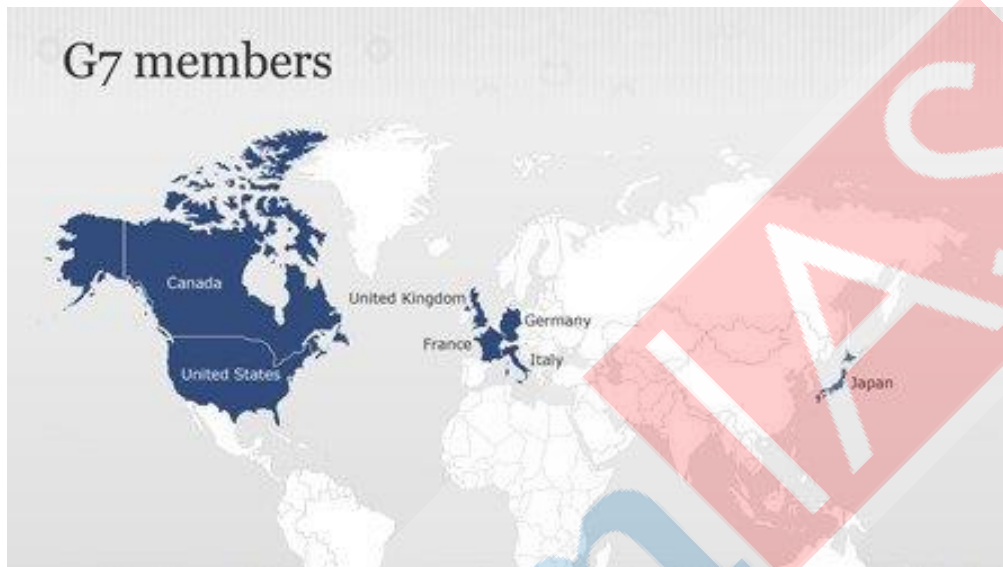
Correct answer: C

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Explanation: Statement 1 is incorrect. **China and Russia** are permanent members of UNSC but not members of G7.

Statement 2 is correct. **SCO comprises eight Member States** (China, India, Kazakhstan, Kyrgyzstan, Russia, Pakistan, Tajikistan and Uzbekistan) and none of them is a member to G7.

Statement 3 is correct. G7 member countries are Canada, France, Germany, Italy, Japan, the United Kingdom and the United States. **None of them is land locked.**



Q.33) Consider the following statements:

1. Under the Essential Commodities Act, the Central government can control the pricing of drugs.
2. National List of Essential Medicines is prepared and released by the Department of Pharmaceuticals, Ministry of Chemicals & Fertilizers.
3. The Patent Act has provisions to bar evergreening of patented drugs.

Which of the statements given above is/are correct?

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

Correct answer: C

Explanation: Statement 1 is correct. Drugs are an essential commodity listed in **schedule of the Essential Commodities Act** and therefore Central Government is empowered to control production, supply, and distribution of the drugs including the Pricing. Government does it via the **Drug Price Control Order**.

Statement 2 is incorrect. **National List of Essential Medicines (NLEM) is issued by the Ministry of Health & Family Welfare (MOHFW).**

Statement 3 is correct. Evergreening refers to the practice of pharmaceutical firms to extend the patent period of a drug by minor reformulations or other iterations of the drug, without necessarily increasing its therapeutic efficacy.

Section 3(d) of the Patents Act in Chapter II which provide non-patentable inventions prohibits patents by “the mere discovery of a new form of a known substance which does not result in the enhancement of the known efficacy of that substance or the mere discovery of any new property or new use for a known substance or of the mere use of a known

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process, machine or apparatus unless such known process results in a new product or employs at least one new reactant.”

Q.34) Consider the following statements:

1. Police and public order is part of State List under the seventh schedule of the Constitution.
2. Bureau of Police Research and Development (BPR&D) is a statutory body under the Ministry of Home Affairs.
3. In Commissionerate system of Police, the control and direction over the police vests with the District Magistrate and Superintendent of Police (SP).

Which of the statements given above is/are correct?

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

Correct answer: A

Explanation: Statement 1 is correct. **Police and Public Order** are part of the state list under the seventh schedule.

Statement 2 is incorrect. **Bureau of Police Research and Development (BPR&D)**, under the Ministry of Home Affairs is not a statutory body; it was established by a **resolution of the Government of India** with the primary objective of modernization of police force.

Its functions include: to promote a speedy and systematic study of the police problems and to apply science and technology in the methods and techniques used by police.

Statement 3 is incorrect. In **dual system of policing**, the control and direction over the police vests with the **SP and the District Magistrate**. In **Commissionerate system**, there is a unified command structure with the **Commissioner of Police** as the sole head of the force within the city that allows for a quicker responses to law and order situations.

Q.35) Consider the following statements regarding the **Asiatic Lion**:

1. The Gir Forest is last remaining natural habitat of Asiatic lions.
2. It is protected under Schedule I of Wildlife (Protection) Act 1972.
3. It is listed as Critically Endangered in the IUCN Red List.

Which of the statements given above is/are correct?

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

Correct answer: A

Explanation: Statement 1 is correct. Asiatic lions were once distributed upto the state of West Bengal in east and Rewa in Madhya Pradesh, in central India. At present **Gir National Park and Wildlife Sanctuary** is the last remaining natural habitat of Asiatic Lions.

Asiatic Lions are proposed to be reintroduced in the Kuno Wildlife Sanctuary of Madhya Pradesh.

Statement 2 is correct. Asiatic Lion (*Panthera leo persica*) is listed in Schedule I of Wildlife (Protection) Act 1972, in Appendix I of CITES and as **Endangered on IUCN Red List** (Statement 3 is incorrect).

Q.36) Consider the following statements regarding the **National Anti-Doping Agency (NADA)**:

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1. It implements the anti-doping rules in India as per the World Anti-Doping Agency (WADA) code.
2. It is an autonomous body under the Ministry of Health and Family Welfare.

Which of the statements given above is/are correct?

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

Correct answer: A

Explanation: Statement 1 is correct. **National Anti-Doping Agency** is mandated for Dope free sports in India. The primary objectives are to **implement anti-doping rules as per WADA code**, regulate dope control programme, to promote education and research and creating awareness about doping and its ill effects.

Statement 2 is incorrect. National Anti-Doping Agency (NADA) is set up as registered society under the **Societies Registration Act of 1860 under the Ministry of Youth Affairs and Sports**.

Q.37) Which among the following correctly defines **HeiQ Viroblock** that has been in news recently?

- a) It is an anti-bacterial and antiviral textile technology
- b) It is a therapeutic drug against the SARS-COV-2 virus
- c) It is an antibody testing kit for COVID-19
- d) It is a non-alcohol hand sanitizer

Correct answer: A

Explanation: HeiQ Viroblock NPJ03 is a **Swiss textile technology** that is added to the fabric during the final stage of the textile manufacturing process. It is designed to **inhibit** the growth and persistence of **bacteria and enveloped viruses** on textile surfaces. It is suitable for all fiber types, from medical nonwovens (e.g. face masks) to fabrics for clothing and home textiles.

It has been claimed that HeiQ Viroblock NPJ03 has proven effective against SARS-CoV-2, the COVID-19 causing virus.

Q.38) Which among the following is/are bordered by the state of **Sikkim**?

1. Bhutan
2. Assam
3. Nepal
4. Bihar

Select the correct answer using the code given below:

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

Correct answer: C

Explanation: **Sikkim** is bordered by the Tibet Autonomous Region of **China** to the north and northeast, by **Bhutan** to the southeast, by the Indian state of **West Bengal** to the south, and by **Nepal** to the west. The capital is Gangtok, in the southeastern part of the state.

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Q.39) Consider the following statements regarding the **Wildlife Protection Act 1972**:

1. The act provides for constitution of a Central Zoo Authority.
2. As per the act no person shall carry on the business as a manufacturer of or dealer in the articles made from any animal listed in Schedule I.
3. The act provides protection to plants by prohibition on picking, uprooting, etc. of specified plant.

Which of the statements given above is/are correct?

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

Correct answer: D

Explanation: All are provisions under the **Wildlife Protection Act, 1972**.

Section 38A of the act empowers the Central Government to constitute a body to be known as the Central Zoo Authority.

Section 49B provides **prohibition of dealings in trophies, animal articles**, etc., derived from scheduled animals: no person shall (a) commence or carry on the business as a manufacturer of, or dealer in, scheduled animal articles; or a dealer in ivory imported into India or articles made therefrom or a manufacturer of such articles.

Section 17A provides the prohibition of picking, uprooting, etc., of specified plant; no person shall-

(a) willfully pick, uproot, damage, destroy, acquire or collect any specified plant from any forest land and any area specified, by notification, by the Central Government.

(b) possess, sell, offer for sale, or transfer by way of gift or otherwise, or transport any specified plant, whether alive or dead, or part or derivative thereof.

Q.40) Which of the following cyclone(s) developed over the Bay of Bengal?

1. Cyclone Bulbul
2. Cyclone Amphan

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3. Cyclone Nisarga

Select the correct answer using the code given below:

- a) 1 and 2 only
- b) 2 only
- c) 3 only
- d) None of the above

Correct answer: A

Explanation: **Cyclonic Storm Bulbul** was a tropical cyclone that developed over **Bay of Bengal** in November 2019 and made landfall over the state of West Bengal and Bangladesh.

Cyclonic Storm Amphan was another powerful tropical cyclone that developed over **Bay of Bengal** in May 2020 and made landfall over Odisha, West Bengal and Bangladesh region.

Cyclone storm Nisarga developed over **eastern Arabian Sea** region and made landfall over Mumbai, Maharashtra region in June 2020.

Q.41) Consider the following statements:

- 1. Treaty of Sugauli, 1816 between East India Company and Nepal Kingdom established the boundary between the British India and Nepal.
- 2. Treaty of Titalia, 1817 restored the territory west of Kali River to native Kings.

Which of the 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 border treaty signed between the East India Company and Nepal Kingdom in 1816 is known as the Sugauli Treaty. It established the boundary between the then British India and Nepal Kingdom.

Statement 2 is incorrect. By Treaty of Titalia, 1817 the East India Company restored the territory of Sikkim which was captured by Nepal's invasion. In return company got trading rights and passage to Tibet.

Q.42) Which of the following **international convention(s)** has been signed and ratified by India?

- 1. United Nations Convention against Torture
- 2. Convention on the Elimination of all Forms of Discrimination against Women

Select the correct answer using the code given below:

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

Correct answer: B

Explanation: Option 1 is incorrect. **Convention against Torture and Other Cruel, Inhuman or Degrading Treatment or Punishment** seeks to ensure that countries put in place various institutional mechanisms to prevent the use of torture.

Each country that is party to the convention is required to carry out certain steps such as legislative, administrative, judicial or other measures to prevent torture, and ensure that torture is a criminal offence, among others.

India signed the convention on October 14, 1997 but has not ratified it so far.

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Option 2 is correct. **The Convention on the Elimination of All Forms of Discrimination against Women or CEDAW** is an international human rights treaty, which requires countries to eliminate discrimination against women in all areas and promotes equal rights of men and women. The Convention was adopted in 1979 by the UN General Assembly. **India signed the convention on 30 Jul 1980 and ratified on 9 Jul 1993.**

Q.43) Consider the following statements regarding **Mahatma Gandhi's stay in Africa**:

1. He formed Natal Indian Congress to protest the oppressive treatment of Indians.
2. He organized the Indian Ambulance Corps for the British during Boer war.
3. Despite all his protests, Gandhi was never imprisoned in Africa.

Which of the statements given above is/are correct?

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

Correct answer: A

Explanation: Statement 1 is correct. The **Natal Indian Congress** was founded by Mahatma Gandhi in 1894 that aimed to fight discrimination against Indians in South Africa.

Statement 2 is correct. During the outbreak of the Boer War in 1899, Gandhi gathered around 1,100 Indians and organized **the Indian Ambulance Corps** for the British and was awarded Kaiser-I-Hind for his services.

Statement 3 is incorrect. **Mahatma Gandhi was imprisoned many times in Africa.** He was imprisoned once for refusing to take out a registration certificate, or a pass in terms of the Transvaal Asiatic Registration Act (TARA), and instigated others to do the same. In 1908, he was sentenced to jail for organising the non-violent movements. In 1909, he was sentenced to a three-month jail term in Volkshurst and Pretoria.

Q.44) Consider the following statements regarding the **Maguri Motapung Beel**:

1. It is in the state of Assam.
2. It is listed as an Important Bird area by Birdlife International.

Which of the 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. **Maguri Motapung beel** is located south of Dibru-Saikhowa National Park, Assam. It derives its name, 'Maguri', from the local term for an invasive catfish, and Motapung is the name of the village nearby.

Beel means wetland in Assamese.

Statement 2 is correct. Maguri Motapung Beels are listed **as Important Bird Area by Birdlife International.**

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

1. Sugauli - West Bengal
2. Kalapani - Uttarakhand
3. Chusul - Sikkim

Select the correct answer using the code given below:

- a) 1 and 2 only

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

Correct answer: B

Explanation: Sugauli is also known for Sugauli Treaty, is in **Purvi Champaran district of Bihar**.

Kalapani is in Pithoragarh district of **Uttarakhand** state.

Chushul Valley is in Union territory of **Ladakh**.



Q.46) Consider the following statements regarding the **Canine Distemper Virus**:

1. It is a zoonotic disease causing virus.
2. There has been no outbreak of CDV in India till date.
3. The vaccination against CDV is yet to be developed.

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) None of the above

Correct answer: D

Explanation: All statements are incorrect regarding the Canine Distemper Virus.

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Canine distemper is a viral disease that affects a wide variety of **animal** families, including domestic and wild species of dogs, coyotes, foxes, lions etc. Most terrestrial carnivores are susceptible to natural CDV infection.

There are no known cases of humans becoming infected with distemper. **CDV is not a zoonotic disease.**

In September 2018, an epizootic infection caused by canine distemper virus emerged in an Asiatic lion population in India that led to death of several Lions in the **Gir forest.**

Several vaccines against canine distemper for dogs have developed and are available.

Q.47) Consider the following statements regarding the **National Human Rights Commission** of India:

1. It submits report for Universal Periodic Review of Human Rights to the United Nations (UN) Human Rights Council (HRC).
2. NHRC has been recognized as fully compliant to Paris principles by Global Alliance of National Human Rights Institutions.

Which of the statements given above is/are correct?

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

Correct answer: C

Explanation: Statement 1 is correct. The **Universal Periodic Review (UPR) is a mandated by the United Nations (UN) Human Rights Council (HRC);** it emerged from the 2005 UN reform process. The UPR report by NHRC is submitted to the Human Rights Council mandated by the United Nations to hold the Universal Periodic Review of Human Rights situations in all 193 member countries.

This report though is not the sole basis of UPR by UNHRC; country reviews are based on three documents: a national report prepared by the State under review, compilation of UN information prepared by OHCHR, summary of information received from stakeholders (including NHRIs).

Statement 2 is correct. **NHRC, India has 'A' status** of accreditation with the Global Alliance of National Human Rights Institutions, **GANHRI.** It is given to those NHRIs, which, after a process of review every five years, are found fully compliant with the **UN mandated Paris Principles.**

Q.48) Consider the following statements regarding the **Indian Bison:**

1. It can be found in North East as well as Western Ghats of India.
2. It is listed as a vulnerable species in the IUCN Red List.

Which of the statements given above is/are correct?

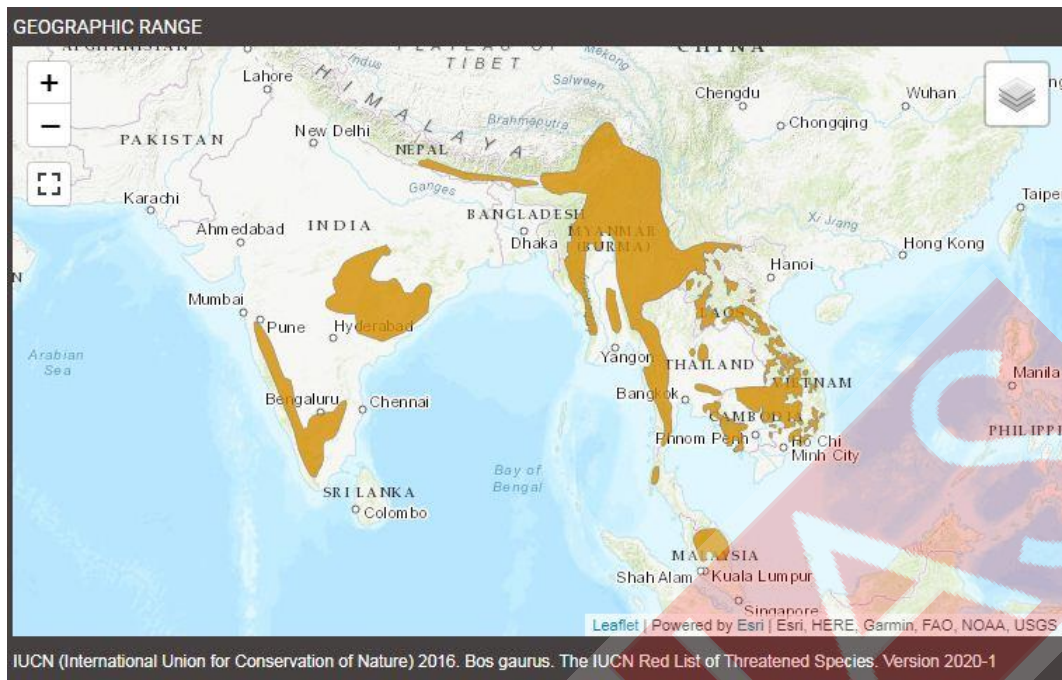
- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct answer: C

Explanation: Statement 1 is correct. **Western Ghats** are natural habitats for Indian Bison (Gaur) are found in many national parks/biosphere reserves in the region. They have also been sighted in **Kaziranga and Manas National Park.**

Statement 2 is correct. **Indian Bison or Gaur (Bos gaurus)** is listed as vulnerable in IUCN red list.

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Q.49) Which of the following releases the ranking for educational institutions in India under **National Institutional Ranking Framework (NIRF)**?

- a) Ministry of Human Resource and Development
- b) NITI Aayog
- c) Quacquarelli Symonds
- d) Pratham NGO

Correct answer: A

Explanation: The National Institutional Ranking Framework (NIRF) was approved by the Ministry of Human Resource and Development in 2015. This framework outlines a methodology to rank institutions across the country. The parameters broadly cover “Teaching, Learning and Resources,” “Research and Professional Practices,” “Graduation Outcomes,” “Outreach and Inclusivity,” and “Perception”.

India Ranking 2020 highlights:

IIT Madras retains 1st Position in Overall Ranking as well as in Engineering,

Indian Institute of Science, Bengaluru tops the University list.

IIM Ahmedabad tops in Management Category and AIIMS occupies the top slot in Medical category for third consecutive year.

Miranda College retains 1st position amongst colleges for third consecutive year.

Maulana Azad Institute of Dental Sciences, Delhi secures 1st position in “Dental” category, the dental institutions included for first time in India Rankings 2020.

Q.50) Which among the following is/are correctly matched?

- 1. Challenger Deep - Pacific Ocean
- 2. Lonar Lake - Ladakh, India
- 3. Baikal Lake - Iran

Select the correct answer using the code given below:

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

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Correct answer: A

Explanation: The average depth of the ocean is about 12,100 feet. The **deepest part of the ocean is called the Challenger Deep** and is located beneath the western Pacific Ocean in the southern end of the Mariana Trench which is approximately 36,200 feet deep.

Lonar Lake, Maharashtra is a nearly circular crater, suspected to have developed due to impact of a **large meteorite** on Deccan Basaltic rocks of Cretaceous age.

Lake Baikal, situated in south-east Siberia, Russia is the **oldest and deepest of the world's lakes containing nearly 20% of the world's unfrozen freshwater reserve.**

Q.51) Which of the following is/are **Massive open online course (MOOC)** provider(s)?

1. Coursera
2. Swayam Prabha
3. Udemy
4. edX

Select the correct answer using the code given below:

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

Correct answer: B

Explanation: A **massive open online course** is an internet-based course offered in variety of fields aimed at unlimited participation and open access.

Coursera, Udemy and edX are MOOC providers offering courses on wide range of subjects in association with many institutions and universities across the world.

The **SWAYAM PRABHA** is a group of **32 DTH channels** devoted to telecasting of high-quality educational programmes on 24X7 basis using the GSAT-15 satellite.

SWAYAM is a MOOC programme initiated by Government of India, a platform that facilitates hosting of all the courses, taught in classrooms from Class 9 till post-graduation to be accessed by anyone, anywhere at any time.

Q.52) Consider the following statements regarding the **Lonar Lake**:

1. It is a crater formed by a meteorite impact.
2. It is a saline lake.
3. It is a recognized Ramsar Wetland site in India.

Which of the statements given above is/are correct?

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

Correct answer: A

Explanation: Statement 1 is correct. **Lonar crater** in Buldhana district of Maharashtra is one of the youngest meteorite craters of the world.

Statement 2 is correct. **Lonar Lake** has salt water with value around 10.5 on pH scale.

Statement 3 is incorrect. It has been proposed but the Lonar Crater Lake **is yet to be declared as Ramsar wetland site.**

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India / Inde / India (37 Ramsar Sites, 1,067,939 hectares)

* Ashtamudi Wetland	19/08/2002	Kerala	6,140 ha	08°57'N 076°34'E
* Beas Conservation Reserve	26/09/2019	Punjab	6,429 ha	31°23'N 075°11'E
* Bhitarakanika Mangroves	19/08/2002	Odisha	65,000 ha	20°39'N 086°54'E
* Bhoj Wetland	19/08/2002	Madhya Pradesh	3,201 ha	23°13'N 077°19'E
* Chandertal Wetland	08/11/2005	Himachal Pradesh	49 ha	32°28'N 077°36'E
* Chilika Lake	01/10/1981	Odisha	116,500 ha	19°42'N 085°21'E
* Deepor Beel	19/08/2002	Assam	4,000 ha	26°07'N 091°39'E
* East Calcutta Wetlands	19/08/2002	West Bengal	12,500 ha	22°27'N 088°27'E
* Harike Lake	23/03/1990	Punjab	4,100 ha	31°13'N 075°12'E
* Hokera Wetland	08/11/2005	Jammu & Kashmir	1,375 ha	34°04'N 074°42'E
* Kanjli	22/01/2002	Punjab	183 ha	31°25'N 075°22'E
* Keoladeo National Park ^{NR}	01/10/1981	Rajasthan	2,873 ha	27°13'N 077°31'E
* Keshopur-Miani Community Reserve	26/09/2019	Punjab	344 ha	32°05'N 075°23'E
* Kolleru Lake	19/08/2002	Andhra Pradesh	90,100 ha	16°37'N 081°12'E
* Loktak Lake ^{NR}	23/03/1990	Manipur	26,600 ha	24°25'N 093°49'E
* Nalsarovar	24/09/2012	Gujarat	12,000 ha	22°46'N 072°02'E
* Nandur Madhameshwar	21/06/2019	Maharashtra	1,437 ha	20°01'N 074°06'E
* Nangal Wildlife Sanctuary	26/09/2019	Punjab	116 ha	31°23'N 076°22'E
* Nawabganj Bird Sanctuary	19/09/2019	Uttar Pradesh	225 ha	26°36'N 080°39'E
* Parvati Arga Bird Sanctuary	02/12/2019	Uttar Pradesh	722 ha	26°56'N 082°09'E
* Point Calimere Wildlife and Bird Sanctuary	19/08/2002	Tamil Nadu	38,500 ha	10°19'N 079°37'E
* Pong Dam Lake	19/08/2002	Himachal Pradesh	15,662 ha	32°01'N 076°04'E
* Renuka Wetland	08/11/2005	Himachal Pradesh	20 ha	31°37'N 077°27'E
* Ropar	22/01/2002	Punjab	1,365 ha	31°01'N 076°30'E
* Rudrasagar Lake	08/11/2005	Tripura	240 ha	23°28'N 091°16'E
* Saman Bird Sanctuary	02/12/2019	Uttar Pradesh	526 ha	27°00'N 079°10'E
* Samaspur Bird Sanctuary	03/10/2019	Uttar Pradesh	799 ha	25°59'N 081°23'E
* Sambhar Lake	23/03/1990	Rajasthan	24,000 ha	27°00'N 075°00'E
* Sandi Bird Sanctuary	26/09/2019	Uttar Pradesh	309 ha	27°18'N 079°58'E
* Sarsai Nawar Jheel	19/09/2019	Uttar Pradesh	161 ha	26°58'N 079°15'E
* Sasthankotta Lake	19/08/2002	Kerala	373 ha	09°01'N 076°37'E
* Sundarban Wetland	30/01/2019	West Bengal	423,000 ha	21°46'N 088°42'E
* Surinsar-Mansar Lakes	08/11/2005	Jammu & Kashmir	350 ha	32°45'N 075°12'E
* Tsomoeiri	19/08/2002	Jammu & Kashmir	12,000 ha	32°54'N 078°18'E
* Upper Ganga River	08/11/2005	Uttar Pradesh	26,590 ha	28°33'N 078°12'E
* Vembanad-Kol Wetland	19/08/2002	Kerala	151,250 ha	09°49'N 076°45'E
* Wular Lake	23/03/1990	Jammu & Kashmir	18,900 ha	34°16'N 074°33'E

Q.53) Consider the following statements regarding **Anti-defection law**:

1. The Chairman or the Speaker of the House is the authority to take decision regarding disqualification by defection.
2. A member voluntarily giving up the membership of his political party is not disqualified under the law.
3. India is the only country to have a legal mechanism to prevent defection of legislators.

Which of the statements given above is/are correct?

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

Correct answer: A

Statement 1 is correct. The **Chairman or the Speaker** of the House takes the decision to disqualify a member.

Statement 2 is incorrect. Disqualification rules apply:

-if a member of a house belonging to a political party - **voluntarily** gives up the membership of his political party or votes (or does not vote) in the legislature, contrary to the directions of his political party.

However, if the member has taken prior permission, or is condoned by the party within 15 days from such voting or abstention, the member shall not be disqualified.

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-If an **independent candidate** joins a political party after the election.

-If a **nominated member** joins a party six months after he becomes a member of the legislature.

Statement 3 is incorrect. There are such laws in many countries, the anti-defection law in **Bangladesh, Kenya, South Africa and Singapore** disqualifies a legislator on his ceasing to be member of the party or when he is expelled.

Q.54) Consider the following statements regarding the **Aarogyapath** portal:

1. It has been developed by Indian Council of Medical Research (ICMR).
2. The portal aims to provide real-time availability of critical healthcare supplies.

Which of the statements given above is/are correct?

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

Correct answer: Statement 1 is incorrect. The **Aarogyapath** portal has been developed by the **Council of Scientific and Industrial Research (CSIR)** in partnership with Sarvodaya Infotech and institutional users and manufacturers / authorized suppliers of healthcare essentials are encouraged to register and participate actively.

Statement 2 is correct. This National Healthcare Supply Chain Portal that aims to provide real-time availability of critical healthcare supplies, would serve manufacturers, suppliers and customers.

Q.55) Consider the following statements writ of **Habeas Corpus**:

1. The power of Supreme Court and High Courts to issue such writ is part of fundamental rights under the constitution of India.
2. Parliament may empower any other court to exercise within the local limits of its jurisdiction the power to issue writ of Habeas Corpus.

Which of the 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 power of Supreme Court to issue writs in the nature of habeas corpus, mandamus, prohibition, quo warranto and certiorari for enforcement of fundamental rights is enshrined is part of fundamental rights itself under **article 32(2)**.

The power of High Courts to issue such writs is under article 226 and not part of fundamental rights.

Statement 2 is correct. **Article 32(3)** of the constitution states that without prejudice to the powers of the Supreme Court, Parliament may by law empower any other court to exercise within the local limits of its jurisdiction all or any of the powers exercisable by the Supreme Court under article 32(2), i.e. issue writs.

Q.56) Which of the following has developed the **National Migrant Information System (NMIS)**?

- a) India Migration Now
- b) NITI Aayog

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- c) Labour Bureau
- d) National Disaster Management Authority (NDMA)

Correct answer: D

Explanation: In order to capture the information regarding movement of migrants and facilitate the smooth movement of stranded persons across States, **National Disaster Management Authority (NDMA) has developed an online Dashboard - National Migrant Information System (NMIS).**

The online portal would maintain a central repository on migrant workers and help in speedy inter-State communication/coordination to facilitate their smooth movement to native places. It has additional advantages like contact tracing, which may be useful in overall COVID-19 response work.

Q.57) Consider the following statements regarding the **iFLOWS- Mumbai**:

1. It is a flood warning system.
 2. It has been developed by the Ministry of Environment, Forest and Climate Change.
- Which of the statements given above is/are correct?

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

Correct answer: A

Explanation: Statement 1 is correct. **The iFLOWS- Mumbai**, a state-of-the-art Integrated Flood Warning System for Mumbai has been launched recently. Floods to be estimated 3 days in advance, at ward-level and decision Support System will enable smart decision-making and field action based on risk assessment.

Statement 2 is incorrect. The system has been developed by the **Ministry of Earth Sciences** using its in-house expertise, in close collaboration with the Municipal Corporation of Greater Mumbai (BMC).

The system uses rain gauge data and local data such as data on land use, land topography, drainage systems, water bodies in the city, tide levels, infrastructure and population, which has been provided by BMC.

Using these as inputs, the prediction system models weather, rainfall, runoff and water movement, tide and storm surge impacts based on which early Flood Warnings for the city will be provided.

Q.58) Consider the following statements regarding the **GST Compensation to States**:

1. Government of India is legally obligated to provide compensation to states on account of implementation of Goods and Services Tax for ten years.
 2. GST compensation Cess can only be levied on the inter-state sale of goods.
- Which of the 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. As per provisions in **Section 7 of the GST (Compensation to States) Act, 2017** loss of revenue to the States on account of implementation of Goods and Services Tax shall be payable during transition period (five

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years) and compensation payable to a State shall be provisionally calculated and released at the end of every two months during transition period of **5 years**.

Statement 2 is incorrect. As per the **section 8 of GST (Compensation to States) Act, 2017** the GST compensation cess can be levied on **both interstate and intra state supply of goods and services**.

The receipts from the cess are deposited to a GST Compensation Fund and used for compensating states for any loss due to the implementation of GST.

Q.59) Consider the following statements regarding the **Nature Index 2020**:

1. It has been released by World Wildlife Fund for Nature.
2. It ranks countries based on their proactive environment protection policy initiatives.

Which of the 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 Nature Index is a database of **author affiliation information** collected from **research articles**. It is based on the **institution's or country's share of articles published in the 82 prestigious scientific journals** selected by an independent panel of experts and tracked by the Nature Index database. The database is compiled by Nature Research.

India has been placed at 12th position in country wise ranking. Globally the top-rated Indian institutions in this list are Council of Scientific and Industrial Research (CSIR), a group of 39 institutions at the 160th position and Indian Institute of Science (IISc) Bangalore at the 184th position.

Q.60) Consider the following statements regarding the **Quality Council of India (QCI)**:

1. It was set by the Government of India in collaboration with the Indian Industry.
2. The Central Board of Film Certification is a constituent of QCI.

Which of the 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. **Quality Council of India (QCI)** was set up in 1997 jointly by the Government of India and the Indian Industry represented by the three premier industry associations i.e. Associated Chambers of Commerce and Industry of India (**ASSOCHAM**), Confederation of Indian Industry (**CII**) and Federation of Indian Chambers of Commerce and Industry (**FICCI**), to establish and operate national accreditation structure and promote quality through National Quality Campaign.

Statement 2 is incorrect. QCI functions through 5 main accreditation boards:

National Accreditation Board for Certification Bodies (**NABCB**), National Accreditation Board for Education and Training (**NABET**), National Board for Quality Promotion (**NBQP**), National Accreditation Board for Hospitals & Healthcare Providers (**NABH**) and the National Accreditation Board for Testing and Calibration Laboratories (**NABL**).

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Q.61) Which of following form part of Reserve Bank of India's **Foreign Exchange Reserves**?

1. Foreign Currency Assets
2. Gold
3. Reserve Tranche Position (RTP) with IMF

Select the correct answer using the code given below:

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

Correct answer: D

Explanation: RBI maintains India's foreign currency reserve which constitutes **Foreign currency assets, Gold, SDRs and Reserve Tranche position** with IMF.

The objectives of maintain forex are:

- (a) maintaining confidence in monetary and exchange rate policies,
- (b) enhancing capacity to intervene in forex markets,
- (c) limiting external vulnerability by maintaining foreign currency liquidity to absorb shocks during times of crisis including national disasters or emergencies.
- (d) providing confidence to the markets especially credit rating agencies that external obligations can always be met, thus reducing the overall costs at which forex resources are available to all the market participants, and
- (e) incidentally adding to the comfort of the market participants, by demonstrating the backing of domestic currency by external assets.

Q.62) Consider the following statements:

1. The National Tiger Conservation Authority (NTCA) is a statutory body.
2. All India Tiger Estimation is a quadrennial exercise on tiger population status in India.
3. India is a signatory to the St. Petersburg Declaration on Tiger Conservation.

Which of the statements given above is/are correct?

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

Correct answer: D

Explanation: All the statements are correct.

The **National Tiger Conservation Authority (NTCA)** is a statutory body of the Ministry, with an overarching supervisory/coordination role, performing functions as provided in the Wildlife (Protection) Act, 1972.

All India Tiger Estimation conducted in 2006, 2010, 2014 and 2018 is quadrennial exercise observing status of Tiger population in India by Wildlife Institute of India and NTCA.

India is a signatory to the **St. Petersburg Declaration** on Tiger Conservation which aimed to double the wild tigers in respective countries by 2022.

Q.63) Which of the following countries have demonstrated the capability of **Human Space Flight**?

1. Russia
2. United States of America
3. China
4. India

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Which of the statements given above is/are correct?

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

Correct answer: A

Explanation: **India** is yet to demonstrate its Human space flight capability which is planned through the **Gaganyaan Mission**.

Russia has human spaceflight capability with the **Soyuz program**.

China has demonstrated its crewed space missions under **Shenzhou program**.

USA has demonstrated its crewed space flight capability many times including the Appolo missions to Moon and **recent Dragon Crew (SpaceX) launch**.

Q.64) Which among the following is/are involved in **Solar Risk Mitigation Initiative?**

- 1. World Bank
- 2. International Renewable Energy Agency (IRENA)
- 3. International Solar Alliance (ISA)

Select the correct answer using the code given below:

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

Correct answer: D

Explanation: World Bank– Energy Sector Management Assistance Program (WB-ESMAP), in partnership with, **Agence Française de Développement (AFD)**, **International Renewable Energy Agency (IRENA)** and **International Solar Alliance (ISA)** developed the Solar Risk Mitigation Initiative (SRMI) to support countries in developing sustainable solar programs to attract private investment and reduce reliance on public funding.

It has three components to mitigate the risk of solar deployment: Sustainable Solar Targets, Transparent procurement and Viable Risk Mitigation Coverage.

Q.65) Consider the following statements regarding the **Securitisation** in economics:

- 1. It refers to the process of converting assets into securities.
- 2. For a bank, it frees up its capital by removing the assets from the balance sheet.

Which of the 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.

Securitisation is the process of pooling and repackaging of illiquid financial assets (residential mortgages, commercial mortgages, auto loans or credit card debt obligations) into marketable securities that can be sold to investors.

Securitisation frees up an originator's (owner of assets) capital by removing the assets from the balance sheet. It improves the liquidity position of the originator as the future receivables are replaced by cash.

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Q.66) Which of the following has launched the 'Healthy and Energy Efficient Buildings' initiative?

- a) Bureau of Indian Standards
- b) International Energy Agency
- c) Energy Efficiency Services Limited
- d) Central Pollution Control Board

Correct answer: C

Explanation: Energy Efficiency Services Limited (EESL) in partnership with the U.S. Agency for International Development's (USAID) MAITREE program, launched the "Healthy and Energy Efficient Buildings" initiative that will pioneer ways to make workplaces healthier and greener.

The Market Integration and Transformation Program for Energy Efficiency (MAITREE), under which this initiative has been launched, is a part of the US-India bilateral Partnership between the Ministry of Power and USAID and is aimed at accelerating the adoption of cost-effective energy efficiency as a standard practice within buildings, and specifically focuses on cooling.

Q.67) Which of the following correctly defines the Magnetocaloric effect (MCE)?

- a) Change in magnetic field of a material due to change in surrounding temperature
- b) Change in temperature of a material due to change in applied magnetic field
- c) Change in melting point of a material due to change in applied magnetic field
- d) Change in conductivity of a material due to change in applied magnetic field

Correct answer: B

Explanation: Certain materials in which application and removal of a magnetic field causes the materials to become warmer or cooler are called the magnetocaloric materials and the effect is called the Magnetocaloric effect (MCE).

Scientists at the International Advanced Research Centre for Powder Metallurgy and New Materials (ARCI), an autonomous R&D Centre of Department of Science and Technology (DST) have developed a rare-earth-based magnetocaloric material that can be effectively used for cancer treatment.

Q.68) Consider the following statements regarding Permafrost:

1. Permafrost is any ground that remains completely frozen for at least two years.
2. Permafrost is made of a combination of soil, rocks and sand.

Which of the 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.

Permafrost is any ground that remains completely frozen—32°F (0°C) or colder—for at least two years straight. These permanently frozen grounds are most common in regions with high mountains and in Earth's higher latitudes—near the North and South Poles.

Permafrost is made of a combination of soil, rocks and sand that are held together by ice. The soil and ice in permafrost stay frozen all year long.

Q.69) Consider the following statements regarding the Brown Rock Chat:

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1. It is endemic to South Asia.
 2. It is listed as least concern in IUCN Red List.
- Which of the statements given above is/are correct?
- a) 1 only
 - b) 2 only
 - c) Both 1 and 2
 - d) Neither 1 nor 2

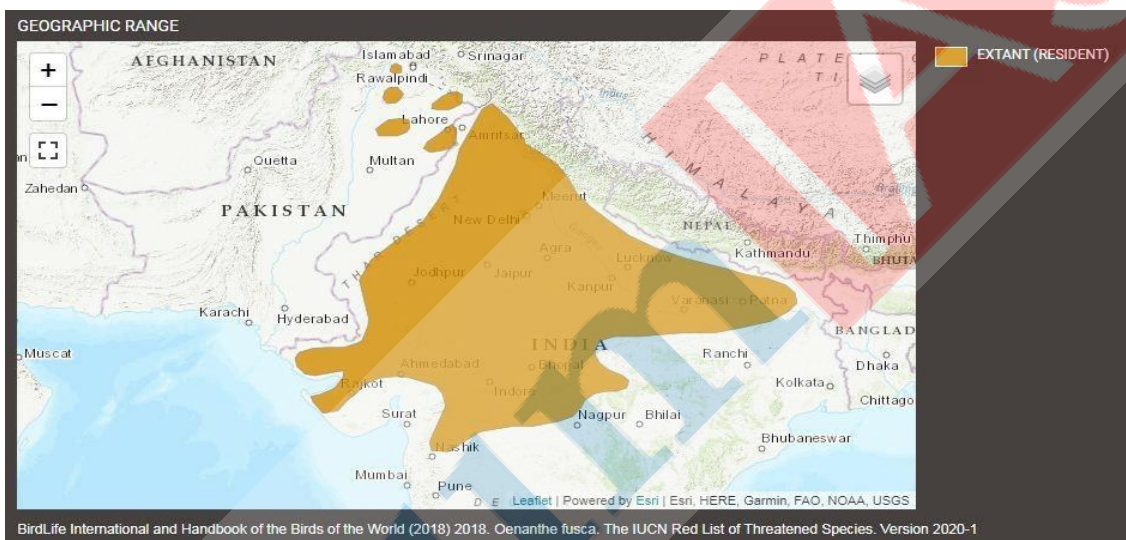
Correct answer: C

Explanation: Both statements are correct.

The **brown rock chat** (*Oenanthe fusca*) or Indian Chat, is a bird species of the family Muscicapidae. Its habitat includes rocky areas (e.g. inland cliffs, mountain peaks).

It is listed as **Least Concern** in IUCN Red List.

Its range includes north and Central India and areas of Pakistan.



Q.70) Consider the following statements regarding the **Ulinastatin drug**:

1. It is a protease inhibitor drug.
 2. It is used to treat the severe sepsis because of its anti-inflammatory effects.
- Which of the statements given above is/are correct?
- a) 1 only
 - b) 2 only
 - c) Both 1 and 2
 - d) Neither 1 nor 2

Correct answer: C

Statement 1 is correct. **Ulinastatin** is a multifunctional serine protease inhibitor. Protease inhibitors prevent viral replication by selectively binding to viral proteases. Ulinastatin is a glycoprotein that is isolated from healthy human urine or synthetically produced.

Statement 2 is correct. It is often used in treatment of **sepsis and acute pancreatitis**. It inhibits several pro-inflammatory proteases and decreases inflammatory cytokine levels and mortality in sepsis.

Bharat Serums and Vaccines Ltd. (BSVL) have received approval from DCGI to conduct phase III clinical study on Ulinastatin for mild to moderate Acute Respiratory Distress Syndrome (ARDS) patients with COVID-19.