



**IASBABA'S  
DAILY CURRENT  
AFFAIRS QUIZ  
COMPILATION  
UPSC 2022**

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**Q.1) Consider the following statements with respect to ' Binturong'**

1. It is a herbivores arboreal mammal found in South and South East Asia
2. It has been assessed as vulnerable on the IUCN Red List and included in Schedule I of the Wildlife Protection Act of 1973

**Select the correct statement(s)**

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

**Q.1) Solution(b)****Statement Analysis:**

Statement 1	Statement 2
<b>Incorrect</b>	<b>Correct</b>
The binturong also known as the bearcat, is a viverrid native to South and Southeast Asia. The binturong is essentially arboreal. The binturong is one of only two carnivores that has a prehensile tail. The other is the kinkajou.	It has been assessed as Vulnerable on the IUCN Red List because of a declining population trend that is estimated at more than 30% since the mid-1980s. It is included in the CITES Appendix III and in Schedule I of the Wild Life Protection Act 1973, so that it has the highest level of protection.

**Context - Binturong (also known as bearcat) is among the several offerings of exotic meat at Ukhrul's gambling dens.**

**Q.2) Consider the following statements with respect to 'Digital Rupee'**

1. The digital Rupee would be in the form of a digital token that represents legal tender
2. All the scheduled banks have been authorized to issue digital Rupee currently
3. As in the case of deposits it will earn interest and can be converted to other forms of money

**Choose the correct answer using the code given below**

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

**Q.2) Solution(a)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Incorrect</b>	<b>Incorrect</b>
The digital Rupee would be in the form of a digital token that represents legal tender. The digital Rupee would offer features of physical cash like trust, safety and settlement finality.	The first phase will begin with four banks including State Bank of India, ICICI Bank, Yes Bank and IDFC First Bank in four cities across the country. Four more banks, including Bank of Baroda, Union Bank of India, HDFC Bank and Kotak Mahindra Bank will join this pilot subsequently.	As in the case of cash, it will not earn any interest and can be converted to other forms of money, like deposits with banks.

**Context - The Reserve Bank of India announced the launch of the first pilot for the retail digital Rupee on 1st December 2022.**

**Q.3) Consider the following statements with respect to 'Manthan platform'**

1. It is a platform that promotes collaboration at scale between industry and the scientific research and development ecosystem
2. The development of the platform was conceptualized and implemented by the Department for Promotion of Industry and Internal Trade

**Select the INCORRECT statement(s)**

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

**Q.3) Solution(b)****Statement Analysis:**

Statement 1	Statement 2
<b>Correct</b>	<b>Incorrect</b>
Manthan is a platform that promotes collaboration at scale between industry and the scientific research and development ecosystem. Manthan empowers multiple stakeholders to collaborate for co-creating solutions aligned with the United Nations' Sustainable Development Goals (SDGs) and our national scientific missions.	The development of the platform was conceptualized and implemented by the Office of the Principal Scientific Adviser (PSA) to the Government of India.

**Context - The Manthan platform won NSEIT the Best Tech Initiative of the Year at the Dun & Bradstreet Business Excellence Awards 2022**

**Q.4) Consider the following statements with respect to 'United Nations Refugee Convention of 1951 and its 1967 Protocol'**

1. It is a United Nations multilateral treaty that defines who a refugee is and sets out the rights of individuals and also sets out which people do not qualify as refugees
2. The Convention is legally binding and The United Nations High Commissioner for Refugees (UNHCR) enforces the Convention
3. The Convention places a set of rules for contracting parties as well as refugees

**Choose the correct answer using the code given below**

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

**Q.4) Solution(c)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Incorrect</b>	<b>Correct</b>
It is a United Nations multilateral treaty that defines who a refugee is, and sets out the rights of individuals who are granted asylum and the responsibilities of nations that grant asylum. The Convention also sets out which people do not qualify as refugees, such as war criminals. The Convention also provides for some visa-free travel for holders of refugee travel documents issued under the convention.	Although the Convention is "legally binding", there is no body that monitors compliance. The United Nations High Commissioner for Refugees (UNHCR) has supervisory responsibilities but cannot enforce the Convention, and there is no formal mechanism for individuals to file complaints. The Convention specifies that complaints should be referred to the International Court of Justice.	The Convention places a set of rules for contracting parties as well as refugees. Refugees shall abide by the national laws of the contracting states (Article 2)

**Context – It was in news as there was an exodus of Kuki-Chin fighters into India from Bangladesh.**

**Q.5) 'Rht13' seen in news recently is a**

- a) Malware
- b) Mutant virus
- c) Neutron star
- d) Semi-dwarf gene

**Q.5) Solution(d)**

Rht13 is a semi-dwarf gene. Reduced height gene means that seeds can be planted deeper in the soil, giving access to moisture, without the adverse effect on seedling emergence seen with existing wheat varieties.

**Context - Scientists at the John Innes Centre, in collaboration with an international team of researchers, discovered the new 'reduced height' or semi-dwarf gene called Rht13.**

**Q.6) Consider the following statements with respect to 'Plastic Waste Management Programme'**

1. United Nations Environment Programme (UNEP) will distribute the 'Jan Dhan' account kits to waste segregation workers under this initiative
2. 'Swachhta Kendra' or material recovery facilities are used to promote the collection, segregation, and recycling of all plastics

**Select the correct statement(s)**

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

**Q.6) Solution(b)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Incorrect</b>	<b>Correct</b>
As part of the initiative, the United Nations Development Programme will distribute the 'Jan Dhan' account kits to waste segregation workers. The opening of the 'Jan Dhan' accounts has been facilitated through the UNDP's plastic waste management programme. The programme also ensures the well-being and financial inclusion of the 'Safai	The waste management promotes the collection, segregation, and recycling of all plastics to move towards a circular economy for the same. This is done at 'Swachhta Kendra' or material recovery facilities.

Sathis' or waste-pickers, by linking them to the social protection schemes.

**Context - United Nations Development Programme (UNDP) is helping the people working in the waste segregation industry in India to move into formal economy, by helping them access government welfare programmes**

**Q.7) Consider the following statements with respect to 'ALH Mk-III Helicopters'**

1. The ALH MK III helicopters have been jointly manufactured by Hindustan Aeronautics Limited (HAL) and Russia's Sukhoi
2. The aircraft has the ability to switch roles from an offensive platform with heavy machine gun to that of a benign one carrying a Medical Intensive Care Unit

**Select the INCORRECT statement(s)**

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

**Q.7) Solution(a)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Incorrect</b>	<b>Correct</b>
The ALH MK III helicopters have been indigenously manufactured by Hindustan Aeronautics Limited (HAL).	The features in the aircraft enable them to undertake maritime reconnaissance as well as carry out SAR at extended ranges even while operating from ships during both day and night. The aircraft has the ability to switch roles from an offensive platform with heavy machine gun to that of a benign one carrying a Medical Intensive Care Unit to facilitate transfer of critically ill patients.

**Context - An Indian Coast Guard Advanced Light Helicopter (ALH) Mk-III squadron, was commissioned at ICG Air Station, Chennai**

**Q.8) Consider the following statements with respect to 'Community Innovator Fellowship' programme**

1. It is an initiative of Atal Innovation Mission in collaboration with UNDP India to facilitate knowledge building to aspiring community innovators
2. A Community Innovator Fellow is an individual who can be deployed into any community and can use his problem solving skills to guide the people

3. It is a one-year-long intensive fellowship program wherein an aspiring community innovator can apply irrespective of their socio-economic background

**Choose 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 the above

**Q.8) Solution(c)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Incorrect</b>	<b>Correct</b>
Community Innovator Fellowship (CIF) is an initiative of Atal Innovation Mission, NITI Aayog in collaboration with UNDP India to facilitate knowledge building and provide infrastructure support to aspiring community innovators essential for their entrepreneurship journey.	A Community Innovator Fellow is an individual with an entrepreneurial mind-set, with an idea to solve a community challenge through her/his enterprise.	This is a one-year-long intensive fellowship program wherein an aspiring community innovator can apply irrespective of their socio-economic background. During the course of this fellowship, each fellow would be hosted at an Atal Community Innovation Centre and would acquire SDG awareness, entrepreneurial skills and life skills while working on her/his idea.

**Context - Atal Innovation Mission launched fresh applications for Community Innovator Fellowship**

**Q.9) Consider the following statements with respect to 'State of Global Water Resources report'**

- 1. Large areas of the globe recorded drier than normal conditions in 2021 – a year in which precipitation patterns were influenced by climate change and a La Niña event
- 2. The report covers three major areas namely Cryosphere(Frozen water), Terrestrial water storage and water in the atmosphere
- 3. The report was jointly released by Food and Agriculture Organization and UN- Water

**Choose the correct answer using the code given below**

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

d) 3 only

**Q.9) Solution(a)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Incorrect</b>	<b>Incorrect</b>
Large areas of the globe recorded drier-than-normal conditions in 2021, which was a year in which precipitation patterns were influenced by climate change and a La Niña event. The area with below-average streamflow was approximately two times larger than the above-average area, in comparison to the 30-year hydrological average.	The report focuses on three major areas: Streamflow, the volume of water flowing through a river channel at any given time. Terrestrial water storage (TWS) — all water on the land surface and in the sub-surface. The cryosphere (frozen water).	WMO (World Meteorological Organization) has released its first annual State of Global Water Resources Report 2021.

**Context – The report was released recently**

**Q.10) 'Kirit Parikh Committee' recently seen in news is related to**

- a) Regulation of Cryptocurrency
- b) Semiconductor manufacturing
- c) Indigenous defence production
- d) Gas pricing

**Q.10) Solution(d)**

A government-appointed gas price review panel, led by Kirit Parikh on Wednesday submitted its report to the government, recommending a floor and ceiling price for legacy fields and complete pricing freedom starting January 1, 2026. The panel has suggested linking the price of gas produced by state-owned firms from fields given to them on a nomination basis to imported crude oil prices.

**Context - Kirit Parikh panel submitted gas report, suggesting pricing freedom beginning Jan 2026**

**Q.11) Consider the following statements with respect to 'Wassenaar Arrangement'**

1. It is a voluntary export control regime which monitors exchange information on transfers of conventional weapons and dual-use goods and technologies
2. Admission of new members into the grouping requires the consensus of majority of the members
3. The Arrangement does not impede civil transactions and is not directed against any state or group of states



Choose 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 the above

**Q.11) Solution(c)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Incorrect</b>	<b>Correct</b>
The Wassenaar Arrangement is a voluntary export control regime. The Arrangement, formally established in July 1996, has 42 members who exchange information on transfers of conventional weapons and dual-use goods and technologies.	The Arrangement is open on a global and non-discriminatory basis to prospective adherents that comply with the agreed criteria. Admission of new members requires the consensus of all members.	The Arrangement does not impede bona fide civil transactions and is not directed against any state or group of states. All measures undertaken with respect to the Arrangement are in accordance with member countries' national legislation and policies and implemented on the basis of national discretion.

**Context - India will assume chairmanship of Wassenaar arrangement on 1 Jan 2023.**

**Q.12) Consider the following statements with respect to 'Digi Yatra'**

1. The scheme is conceived to achieve contactless, seamless processing of passengers at airports based on Facial Recognition Technology (FRT)
2. A one-time registration is required and all the passenger information is stored in a centralized repository in encrypted form
3. The service is presently being launched for international flight passengers only and is voluntary in nature

Choose the correct answer using the code given below

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

**Q.12) Solution(b)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Incorrect</b>	<b>Incorrect</b>
Digi Yatra is conceived to achieve contactless, seamless processing of passengers at airports based on Facial Recognition Technology (FRT). To use this facility, one-time registration on Digi Yatra app is required using Aadhar based validation and a self-image capture.	There is no central storage of Personally Identifiable Information (PII). Passenger's ID and travel credentials are stored in a secure wallet in the passenger's smartphone itself. The uploaded data will utilise blockchain technology and all the data will be purged from the servers within 24 hours of use.	The service is presently being launched for domestic flight passengers only and is voluntary in nature

**Context - Union Minister for Civil Aviation Launched Digi Yatra for Three Airports in the Country****Q.13) With reference to 'Personality rights', consider the following statements**

1. Personality rights refer to the right of a person to protect his/her personality under the right to privacy or property
2. Personality rights are governed by statutes like the Trade marks Act 1999 and the Copyright Act 1957

**Select the correct statement(s)**

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

**Q.13) Solution(a)****Statement Analysis:**

Statement 1	Statement 2
<b>Correct</b>	<b>Incorrect</b>
Personality rights refer to the right of a person to protect his/her personality under the right to privacy or property. These rights are important to celebrities as their names, photographs or even voices can easily be misused in various advertisements by different companies to boost their sales. Therefore, it is	Publicity rights are governed by statutes like the Trade marks Act 1999 and the Copyright Act 1957. There is no separate codified law in India dealing with personality or celebrity rights ("Personality Rights") and the position and development of such rights and laws in India is

necessary for renowned personalities/celebrities to register their names to save their personality rights.

still at a nascent stage largely governed by judicial pronouncements of courts

**Context - The Delhi High Court recently passed an interim order to prevent the unlawful use of Bollywood star Amitabh Bachchan's name, image and voice.**

**Q.14) Consider the following statements with respect to 'Central Adoption Resource Authority (CARA)'**

1. It primarily deals with adoption of orphan, abandoned but not surrendered children through its associated /recognised adoption agencies
2. It is designated as the Central Authority to deal with inter-country adoptions in accordance with the provisions of the Prague Convention on Inter-country Adoption

**Select the correct statement(s)**

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

**Q.14) Solution(d)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Incorrect</b>	<b>Incorrect</b>
CARA is a statutory body of Ministry of Women & Child Development, Government of India. CARA is designated as the Central Authority to deal with inter-country adoptions in accordance with the provisions of the Hague Convention on Inter-country Adoption, 1993, ratified by Government of India in 2003.	CARA is designated as the Central Authority to deal with inter-country adoptions in accordance with the provisions of the Hague Convention on Inter-country Adoption, 1993, ratified by Government of India in 2003.

**Context - As part of the 'Adoption Awareness Month', Central Adoption Resource Authority (CARA) organised 10 State orientation programmes, ran 200 special social media campaigns, held interactive meets with more than 700 Prospective Adoptive Parents and Adoptive Parents**

**Q.15) Which of the following is not a part of India's intangible cultural symbols on the UNESCO list**

- a) Sankirtana
- b) Kumbh mela
- c) Rath yatra of Puri
- d) Navroz

**Q.15) Solution(c)**

The elements which have been on the representative list of intangible cultural heritage from India in the past decade include Kolkata's Durga Puja (2021), Kumbh Mela (2017), Navroz (2016), Yoga (2016), traditional brass and copper craft of utensil-making among coppersmiths of Punjab (2014), Sankirtana, a ritual musical performance of Manipur (2013), and the Buddhist chanting of Ladakh (2012). Before 2011, the list included Chhau dance, Kalbelia folk songs and dance of Rajasthan, and Mudi yettu, a dance drama from Kerala (2010), Ramman, a religious festival and theatre performance of Garhwal in the Himalayas (2009), and Kutiyattam or Sanskrit theatre, and Vedic chanting (2008), Ramlila (2008), a traditional performance of Ramayana. The Shree Jagannath Temple Administration (SJTA) has started the process for the inclusion of the world-famous Puri Rath Yatra on the Representative List of 'Intangible Cultural Heritage of Humanity' under UNESCO.

**Context - Baguette — the staple French bread — was recently inscribed into the UN's list of intangible cultural heritage (ICH).**

**Q.16) Consider the following statements with respect to 'New Energy Outlook report'**

1. Emissions in Europe, US, Australia and Japan will continue to rise and will only begin to decline after a decade according to the report
2. The report is International Energy Agency's long-term scenario analysis on the future of the energy economy covering electricity, industry, buildings and transport

**Select the correct statement(s)**

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

**Q.16) Solution(d)****Statement Analysis:**

Statement 1	Statement 2
<b>Incorrect</b>	<b>Incorrect</b>
Emissions in Europe, the United States, Australia and Japan have already peaked this year and will decline rapidly after that, according to their projections. Greenhouse gas emissions from developing economies, particularly India, will continue to rise until the end of	The New Energy Outlook (NEO) is BloombergNEF's long-term scenario analysis on the future of the energy economy covering electricity, industry, buildings and

the present decade and will only begin to decline by the early 2030s, according to the 2022 New Energy Outlook report.

transport and the key drivers shaping these sectors until 2050.

**Context – The report was in news**

**Q.17) Consider the following statements with respect to 'Coastal red sand dunes'**

1. They usually occur in equatorial regions or temperate regions due to many scientific reasons
2. The red sediments are a part of the continuation of the evolution of the earth and represent the late quaternary geologic age

**Select the correct statement(s)**

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

**Q.17) Solution(b)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Incorrect</b>	<b>Correct</b>
Such sand deposits are rare and have been reported only from three places in the tropical regions in south Asia such as Teri Sands in Tamil Nadu, Erra Matti Dibbalu in Visakhapatnam and one more site in Sri Lanka. They do not occur in equatorial regions or temperate regions due to many scientific reasons.	The red sediments are a part of the continuation of the evolution of the earth and represent the late quaternary geologic age. The Quaternary Period is a period on the Geologic Time Scale that's known mainly for the spread of humanity and climate change. This period runs from about 2.6 million years ago to the Present Day.

**Context - Geologists have suggested to protect the site of Coastal Red Sand Dunes, of Visakhapatnam, Andhra Pradesh**

**Q.18) 'Kanger Valley National Park' seen in news recently is located in**

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

**Q.18) Solution(a)**

Kanger Ghati National Park (also called Kanger Valley National Park) was declared a national park in 1982 by the Government of India. Near Jagdalpur in the Bastar region of Chhattisgarh, it is one of India's densest national parks, and is known for its biodiversity, landscape, waterfalls, and subterranean geomorphologic limestone caves, and as the home of the Bastar hill myna, the state bird of Chhattisgarh.

**Context - Bird watchers and forest department officials counted 200 types of birds in Chhattisgarh's first-ever inter-state bird survey conducted in the Kanger Valley National Park**

**Q.19) Consider the following statements with respect to 'Urban Co-operative Banks'**

1. The term Urban Co-operative Banks (UCBs) formally defined as primary cooperative banks located in urban and semi-urban areas lends money only for non-agricultural purposes
2. Reserve Bank of India has classified UCB's into a four-tiered regulatory framework based on size of deposits of the UCBs
3. All the other regulatory parameters except minimum capital to adequacy ratio applies to UCB's

**Choose the correct answer using the code given below**

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

**Q.19) Solution(b)****Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Incorrect</b>	<b>Correct</b>	<b>Incorrect</b>
The term Urban Co-operative Banks (UCBs), though not formally defined, refers to primary cooperative banks located in urban and semi-urban areas. These banks, till 1996, were allowed to lend money only for non-agricultural purposes. This distinction does not hold today.	Reserve Bank of India has classified UCB's into a four-tiered regulatory framework based on size of deposits of the UCBs. The RBI has categorised all unit UCBs and salary earners' UCBs (irrespective of deposit size), and all other UCBs having deposits up to ₹100 crore in Tier 1. In Tier 2, it has placed UCBs with deposits more than ₹100 crore and up to ₹1,000 crore. Tier	RBI also has come out with norms pertaining to the net worth and capital adequacy of these banks. Tier 1 UCBs operating in a single district should have minimum net worth of ₹2 crore. For all other UCBs (in Tier 1, 2 and 3) tiers), the minimum net worth should be ₹5 crore. Tier 1 UCBs have to maintain a minimum capital to risk weighted assets ratio of 9 per

	3 will cover banks with deposits more than ₹1,000 crore and up to ₹10,000 crore. UCBs with deposits more than ₹10,000 crore have been categorised in Tier 4.	cent of Risk Weighted Assets (RWAs) on an ongoing basis. Tier 2 to 4 UCBs have to maintain a minimum capital to risk weighted assets of 12 per cent of RWAs on an ongoing basis.
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**Context - The Reserve Bank of India (RBI) recently announced a four-tiered regulatory framework for categorisation of Urban Co-operative Banks (UCBs).**

**Q.20) Consider the following statements with respect to 'Directorate of Revenue Intelligence'**

1. It is the premier intelligence and enforcement agency on anti-smuggling matters under the aegis of Central Board of Indirect taxes & Customs (CBIC)
2. The organization is not empowered to take punitive action against the organised crime groups
3. It can refer cases registered under the Customs Act to the Income Tax Department for action under the Income Tax Act

**Choose the correct answer using the code given below**

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

**Q.20) Solution(c)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Incorrect</b>	<b>Correct</b>
The Directorate of Revenue Intelligence functions under the Central Board of Indirect Taxes and Customs in the Ministry of Finance, Department of Revenue, Government Of India. DRI is the premier intelligence and enforcement agency on anti-smuggling matters	DRI with its presence across India and abroad has been carrying out its mandate of preventing and detecting cases of smuggling of narcotic drugs & psychotropic substances, gold, diamonds, precious metals, wildlife items, cigarettes, arms, ammunitions & explosives, counterfeit currency notes, foreign currency, SCOMET items, hazardous & environmentally sensitive materials, antiques etc. and taking punitive action	The agency can refer cases registered under the Customs Act to the Income Tax Department for action under the Income Tax Act according to the charter of DRI

	against the organised crime groups engaged therein. DRI is also engaged in unearthing commercial frauds and customs duty evasion.	
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**Context - The Directorate of Revenue Intelligence (DRI) is celebrating its 65th Founding Day on 5th-6th December, 2022 this year.**

**Q.21) 'Social Hostilities Index (SHI)' report is published by**

- United Nations Department of Economic and Social Affairs
- Pew Research center
- US Commission on International Religious Freedom
- International Rescue Committee

**Q.21) Solution(b)**

The report was released by the Washington-based think tank Pew Research Centre. The SHI measures acts of religious hostility by private individuals, organizations or groups. The index comprises 13 metrics, including religion-related armed conflict or terrorism and mob or sectarian violence. At 9.4 out of a maximum possible score of 10, India's Social Hostilities Index (SHI) in 2020 was worse than neighbouring Pakistan and Afghanistan.

**Context - India topped the Social Hostilities Index (SHI)**

**Q.22) Consider the following statements with respect to 'First Loss Default Guarantee (FLDG) system'**

- FLDG is a lending model between digital lending fintechs and their partner banks and non-banking finance companies
- The bank/NBFC partners lend through fintech but from their own books and the first default by a customer is completely paid back by the fintech company

**Select the correct statement(s)**

- 1 only
- 2 only
- Both 1 and 2
- Neither 1 nor 2

**Q.22) Solution(a)**

**Statement Analysis:**



Statement 1	Statement 2
<b>Correct</b>	<b>Incorrect</b>
FLDG is a lending model between digital lending fintechs and their partner banks and non-banking finance companies. Under these agreements, the fintech promises to compensate the partners up to a pre-decided percentage in case customers fail to repay the loans.	The bank/NBFC partners lend through fintech but from their own books. FLDG helps expand the customer base of traditional lenders but relies on the fintech's underwriting capabilities. There is no concept of first default by the customer being repaid.

**Context - Two months after the Reserve Bank issued guidelines on digital lending, banks, non-banking financial companies and fintech players are still awaiting clarity on many aspects including the First Loss Default Guarantee(FLDG) system.**

**Q.23) With reference to 'Tanpura, consider the following statements**

1. It is a long-necked plucked string instrument which sustains and supports the melody of another instrument or singer
2. It is played in rhythm with the soloist or percussionist and used by both Hindustani and Carnatic musicians

**Select the correct statement(s)**

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

**Q.23) Solution(a)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Correct</b>	<b>Incorrect</b>
Tanpura is a long-necked plucked string instrument, originating in India, found in various forms in Indian music. It does not play melody, but rather supports and sustains the melody of another instrument or singer by providing a continuous harmonic bourdon or drone.	A tanpura is not played in rhythm with the soloist or percussionist: as the precise timing of plucking a cycle of four strings in a continuous loop is a determinant factor in the resultant sound, it is played unchangingly during the complete performance. Hindustani musicians favour the term tanpura whereas Carnatic musicians say tambura; tanpuri is a smaller variant sometimes used for accompanying instrumental soloists.

**Context - Beleaguered tanpura makers get some support from the Indian Council for Cultural Relations**

**Q.24) Consider the following statements with respect to 'Unified Payments Interface'**

1. It is an instant real-time payment system that facilitates inter-bank peer-to-peer (P2P) and person-to-merchant (P2M) transactions
2. It runs as an open source application programming interface (API) on top of Immediate Payment Service (IMPS) and is regulated by the National Payments Corporation of India (NPCI)
3. UPI provides for a single click three factor authentication for ensuring safe transactions between the merchant, customer and the banks

**Choose the correct answer using the code given below**

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

**Q.24) Solution(d)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Incorrect</b>	<b>Incorrect</b>
Unified Payments Interface (UPI) is an instant real-time payment system developed by National Payments Corporation of India (NPCI). The interface facilitates inter-bank peer-to-peer (P2P) and person-to-merchant (P2M) transactions.	The UPI ID of the recipient can be used to transfer money. It runs as an open source application programming interface (API) on top of Immediate Payment Service (IMPS) and is regulated by the Reserve Bank of India (RBI).	UPI provides for a Single Click 2 Factor Authentication – aligned with the Regulatory guidelines, yet provides for a very strong feature of seamless single click payment.

**Context - The National Payments Corporation of India (NPCI) has extended the deadline for platforms using UPI to meet its 30% market share cap by two years.**

**Q.25) Consider the following statements with respect to 'National Financial Reporting Authority'**

1. It is the country's sole independent audit regulator established under Companies Act of 2013
2. It consists of a chairperson who shall be a person of eminence and having expertise in accountancy, auditing, finance or corporate affairs and such other members not exceeding 10
3. The account of NFRA is monitored by the Comptroller and Auditor-General of India

Choose the correct answer using the code given below

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

**Q.25) Solution(c)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Incorrect</b>	<b>Correct</b>
NFRA was constituted in 2018 by the Government of India under section 132 (1) of the Companies Act, 2013. It is an audit regulator. As per Sub Section (2) of Section 132 of the Companies Act, 2013, the duties of the NFRA are to: Recommend accounting and auditing policies and standards to be adopted by companies for approval by the Central Government; Monitor and enforce compliance with accounting standards and auditing standards; Oversee the quality of service of the professions associated with ensuring compliance with such standards and suggest measures for improvement in the quality of service; Perform such other functions and duties as may be necessary or incidental to the aforesaid functions and duties.	It consists of a chairperson, who shall be a person of eminence and having expertise in accountancy, auditing, finance or law, appointed by the Central Government and such other members not exceeding 15.	The account of NFRA is monitored by the Comptroller and Auditor-General of India.

**Context - The National Financial Reporting Authority (NFRA), the country's sole independent audit regulator, has started inspections of five audit firms.**

**Q.26) Consider the following statements with respect to 'National Bamboo Mission'**

1. It is a central sector scheme which focuses on the complete value chain of the bamboo sector to link growers with consumers
2. The mission aims to increase the area under bamboo plantation in non-forest government lands and private lands to supplement farm income
3. It is being implemented through the state nodal department which is nominated by the State/UT governments concerned

Choose the correct answer using the code given below

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

**Q.26) Solution(c)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Incorrect</b>	<b>Correct</b>	<b>Correct</b>
The Restructured National Bamboo Mission is a centrally sponsored scheme (CSS). It mainly focuses on the development of a complete value chain of the Bamboo sector to link growers with consumers	The mission aims: To increase the area under bamboo plantation in non-forest Government and private lands to supplement farm income. To improve post-harvest management through establishment of innovative primary processing units near the source of production. To promote product development keeping in view market demand, by assisting R&D, entrepreneurship etc.	The selection of beneficiaries and delivery of assistance are being carried out by the State Bamboo Mission/State Bamboo Development agency stationed at the State/UT nodal department for implementing the National Bamboo Mission. It is being implemented through the state nodal department which is nominated by the State/UT governments concerned.

**Context - The Union Agriculture Minister has approved the formation of an Advisory Group for streamlining the development of the Bamboo sector.**

**Q.27) Consider the following statements with respect to 'Startups Intellectual Property Protection (SIPP) scheme'**

1. The scheme assists startups in protecting and commercializing Intellectual Property Rights by providing access to high-quality IP services and resources
2. Startups under this scheme shall be eligible for availing the benefits of this scheme only after it has obtained certification from the Start-up Certification Board

3. Any advocate as defined under the Bar Councils Act who is well versed with filing trademarks can be appointed as a facilitator under this scheme

Choose the correct answer using the code given below

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

**Q.27) Solution(a)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Correct</b>	<b>Incorrect</b>
The scheme aims to assist Start-Ups in protecting and commercialize Intellectual Property Rights by providing access to high-quality IP services and resources. The primary objective of the SIPP is to promote awareness and acquire of Intellectual Property Rights among the Start-Ups.	A Start-up shall be eligible for availing the benefits of this scheme only after it has obtained certification from the Start-up Certification Board.	Any advocate as defined under the Advocates Act, 1961 who is well versed with filing trademarks can be appointed as a facilitator under this scheme. For effective implementation of the scheme, facilitators shall be empanelled by the Controller General of Patent, Trademark and Design (CGPDTM).

**Context - The Ministry of Commerce and Industry recently announced that IP facilitator charges have increased by almost 50% for patent filing under the SIPP scheme.**

**Q.28) 'Paris Club' seen in news recently is related to**

- a) Denuclearization
- b) UNSC reforms
- c) Payment solutions
- d) Space technologies

**Q.28) Solution(c)**

The Paris Club is a group of officials from major creditor countries whose role is to find coordinated and sustainable solutions to the payment difficulties experienced by debtor countries. India is not a member of this club.

**Context - Paris Club for 10-year moratorium on Colombo debt, global north and south to take haircut**

**Q.29) Consider the following statements**

1. Parinirvan is one of the chief principles and goals of Jainism
2. It is considered as liberation from Samara, karma, and the cycle of death and birth

**Select the correct statement(s)**

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

**Q.29) Solution(b)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Incorrect</b>	<b>Correct</b>
Parinirvan is one of the chief principles and goals of Buddhism. The Sanskrit term (written in Pali as parinibbana) literally means "nirvana after death", which refers to the achievement of nirvana after the body dies.	Parinirvan can be translated as 'nirvana' after death, or freedom from the cycles of life and death. It is considered as liberation from Samara, karma, and the cycle of death and birth. It is the most sacrosanct day in the Buddhist calendar. As per the Buddhist texts, the death of Lord Buddha is considered to be Mahaparinirvan – the Sanskrit term which means 'nirvana after death.

**Context – The Prime Minister paid homage to Dr. Babasaheb Ambedkar on Mahaparinirvan Diwas.**

**Q.30) Consider the following statements with respect to 'Lusophone World'**

1. It is a group of countries where there is a significant presence of French Influence
2. It is spread across the former French colonies in all the continents except Australia

**Select the correct statement(s)**

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

**Q.30) Solution(d)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Incorrect</b>	<b>Incorrect</b>
It is a group of Portuguese speaking countries. Portuguese is one of the official languages of the continental organisations: African Union, Organization of American States, European Union and of multiple regional organisations, as well as official language of UNESCO General Conference. More than 265-million speakers worldwide; most widely spoken language in the Southern Hemisphere; regarded as the language of the first globalisation in the modern era.	The Lusophone world is spread over nine countries across four continents, and Portuguese is the most widely-spoken language in the Southern Hemisphere.

**Context - India is strategically engaging with a new geopolitical grouping: the Lusophone (Portuguese-speaking countries)**

**Q.31) Consider the following statements with respect to 'International Criminal Court'**

1. It is the first and only permanent international court with jurisdiction to prosecute individuals for crimes against humanity and war crimes
2. The ICC is governed by the Assembly of States Parties, which is made up of the states that are party to the Rome Statute
3. For an individual to be prosecuted by the Court, territorial jurisdiction must always exist

**Choose the correct answer using the code given below**

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

**Q.31) Solution(b)****Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Correct</b>	<b>Incorrect</b>
The International Criminal Court (ICC or ICCT) is an intergovernmental organization and international tribunal seated in The Hague, Netherlands. It is the first and only	The ICC is governed by the Assembly of States Parties, which is made up of the states that are party to the Rome Statute. The Assembly elects	For an individual to be prosecuted by the Court either territorial jurisdiction or personal jurisdiction must exist. The personal jurisdiction

<p>permanent international court with jurisdiction to prosecute individuals for the international crimes of genocide, crimes against humanity, war crimes and the crime of aggression.</p>	<p>officials of the Court, approves its budget, and adopts amendments to the Rome Statute. The Court itself, however, is composed of four organs: the Presidency, the Judicial Divisions, the Office of the Prosecutor, and the Registry.</p>	<p>of the Court extends to all natural persons who commit crimes, regardless of where they are located or where the crimes were committed, as long as those individuals are nationals of either (1) states that are party to the Rome Statute or (2) states that have accepted the Court's jurisdiction by filing a declaration with the Court. As with territorial jurisdiction, the personal jurisdiction can be expanded by the Security Council if it refers a situation to the Court.</p>
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**Context – A news channel has accused Israel of targeting journalists and has asked the International Criminal Court to investigate.**

**Q.32) Consider the following statements with respect to ‘Print and Digital Media Association (PADMA)’**

1. It has been approved as a self-regulatory body for publishers of news and current affairs across the country
2. It has been approved under the Information Technology (Intermediary Guidelines and Digital Media Ethics Code) Rules by the Ministry of Electronics and Information Technology

**Choose the correct statement(s)**

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

**Q.32) Solution(a)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Correct</b>	<b>Incorrect</b>
Print and Digital Media Association (PADMA) has been approved as a self-regulatory body	It has been approved under rule 12 of the Information Technology (Intermediary Guidelines and Digital Media



for publishers of news and current affairs across the country.

Ethics Code) Rules, 2021 by the Ministry of Information & Broadcasting

**Context – The body was recently approved by the Government.**

**Q.33) With reference to ‘ChatGPT’, consider the following statements**

1. ChatGPT is a Language Model which can do creative tasks such as writing a story or a even a software application
2. The accuracy of ChatGPT or any language model cannot be measured using standard techniques.
3. This conversational bot has been developed by Global Partnership on Artificial Intelligence (GPAI)

**Choose the correct answer using the code given below**

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

**Q.33) Solution(d)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Incorrect</b>	<b>Incorrect</b>
ChatGPT is much more than a chat bot. For example, you can ask it to write a program or even a simple software application. It can also do creative tasks such as writing a story. It can explain scientific concepts and answer any question that needs factual answers. ChatGPT is what is called a Language Model, rather than a chat bot. A language model is a software that prints out a sequence of words as output that are related to some words given as input with appropriate semantic relation; in practical terms, it means that it can perform tasks like answering questions and carrying on a conversation with humans.	The accuracy of ChatGPT or any language model can be measured using standard techniques. One such technique is “Recall-Oriented Understudy for Gisting Evaluation” or the ROUGE metric which compares ChatGPT’s output of content against a standard expected content and measures the overlap as success percentage.	The tool has been developed by OpenAI, a research institute founded in 2015.

**Context - An artificial intelligence tool called ChatGPT was released on the internet.**

**Q.34) 'India Inequality Report' is published by**

- a) NGO Pratham
- b) Smile foundation
- c) Oxfam India
- d) The Bill & Melinda Gates Foundation

**Q.34) Solution(c)**

The NGO Oxfam India released 'India Inequality Report 2022: Digital Divide' recently. The report analyses the primary data from Centre for Monitoring Indian Economy's (CMIE) household survey held from Jan 2018 to Dec 2021. The report found that Women constitute only one-third of internet users in India.

**Context – The report was recently released**

**Q.35) Consider the following statements with respect to 'United Nations-Water Summit on Groundwater 2022'**

1. The summit marks the beginning of the "Groundwater: Making the invisible visible" campaign run by UN-Water throughout the next decade
2. It is organized by UN-Water, UNESCO and the International Groundwater Resources Assessment Centre

**Select the INCORRECT statement(s)**

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

**Q.35) Solution(a)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Incorrect</b>	<b>Correct</b>
The summit that aims to raise awareness on groundwater conservation at the global stage will mark the completion of the "Groundwater: Making the invisible visible" campaign run by UN-Water throughout 2022. The campaign highlighted the role of	The conference was organised by UN-Water, UNESCO and the International Groundwater Resources Assessment Centre.

groundwater in alleviating poverty, food and water insecurity and other socio-economic development hurdles.

**Context - United Nations-Water Summit on Groundwater 2022 began on December 7, 2022 in Paris, France.**

**Q.36) Consider the following statements with respect to 'Gamma Ray Bursts'**

1. GRB emits more energy in a few seconds than our Sun will emit in its lifetime
2. kilonova of visible and infrared light with short-period GRBs are also a potential source of gravitational waves
3. The spectral energy distribution of GRB afterglow is usually explained in terms of thermal emission (due to synchrotron radiation)

**Choose 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 the above

**Q.36) Solution(a)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Correct</b>	<b>Incorrect</b>
GRBs are powerful astronomical cosmic bursts of high-energy gamma-ray. GRB emits more energy in a few seconds than our Sun will emit in its lifetime and has two distinct emission phases: the short-lived prompt emission (the initial burst phase that emits gamma-rays), followed by a long-lived multi-wavelength afterglow phase.	In recent years, scientists have discovered a special phenomenon called a kilonova of visible and infrared light with short-period GRBs, also known as a potential source of gravitational waves. It has been hypothesized that the heat produced by the radioactive decay of heavier elements may emit kilonova. This process also produces heavier elements, such as gold and platinum.	The spectral energy distribution of GRB afterglow is usually explained in terms of non-thermal emission (due to synchrotron radiation). However, in this event, both thermal and non-thermal emissions were included in the spectral energy distribution of the afterglow, modeled using the magnificent and dim observations of the 3.6 m Devasthal Optical Telescope.

**Context - Devasthal Optical Telescope has provided vital information on the earliest phase of a kilonova ever detected, radically changing the understanding of scientists about the origin of GRBs.**

**Q.37) Consider the following statements with respect to 'SpaceTech Innovation Network (SpIN)'**

1. It is India's first dedicated platform for innovation, curation and venture development for the blooming space entrepreneurial ecosystem
2. SpIN innovation challenge was launched to develop solutions in areas like avionics, mapping, disaster management

**Select the INCORRECT statement(s)**

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

**Q.37) Solution(b)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Correct</b>	<b>Incorrect</b>
India's first dedicated platform for innovation, curation and venture development for the blooming space entrepreneurial ecosystem. The SPIN platform would create a level playing field for various stakeholders to collaborate and contribute to the space ecosystem in the country.	SpIN has launched its first innovation challenge for developing solutions in areas of maritime and land transportation, urbanization, mapping, and surveying. The selected start-ups and innovators will be able to access both Social Alpha's and ISRO's infrastructure and resources as per the prevailing guidelines.

**Context – India signed a MoU with Social Alpha to establish SpIN**

**Q.38) Consider the following statements with respect to 'International Labour Organization (ILO)'**

1. It is the only tripartite U.N. agency that brings together governments, employers and workers' representatives
2. It was established under the League of Nations and is the first and the oldest principal organ of United Nations
3. ILO conventions are considered international labour standards regardless of ratification and a simple majority of votes is required for a standard to be adopted

**Choose the correct answer using the code given below**

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

**Q.38) Solution(b)****Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Incorrect</b>	<b>Incorrect</b>
It is the only tripartite U.N. agency that brings together governments, employers and workers' representatives of 187-member States to set labour standards, develop policies and devise programmes promoting decent work for all women and men.	The International Labour Organization (ILO) is a United Nations agency whose mandate is to advance social and economic justice by setting international labour standards. Founded in October 1919 under the League of Nations, it is the first and oldest specialised agency of the UN.	If ILO conventions are ratified by enough governments, they come in force. However, ILO conventions are considered international labour standards regardless of ratification. When a convention comes into force, it creates a legal obligation for ratifying nations to apply its provisions. A two-thirds majority of votes is required for a standard to be adopted.

**Context - Asia and the Pacific Regional Meeting of the International Labour Organization (APRM of ILO) took place recently.**

**Q.39) Koundinya Wildlife Sanctuary seen in news is located on the banks of tributaries of which river**

- a) Pennar
- b) Tungabhadra
- c) Cauvery
- d) Palar

**Q.39) Solution(d)**

Kaundinya Wildlife Sanctuary is a wildlife sanctuary and an elephant reserve situated in Andhra Pradesh, India. It is the only sanctuary in Andhra Pradesh with a population of Asian elephants, which migrated after 200 years from neighbouring regions. The habitat of Kaundinya sanctuary is rugged with high hills and deep valleys. The sanctuary has dry deciduous forests with thorny scrubs interspersed with trees. These forests have small ponds, tanks and the Kaundinya and Kaigal tributaries of Palar River.

**Context – It was in news recently**

**Q.40) Consider the following statements with respect to 'Foreign Direct Investment'**

1. Foreign direct investment (FDI) is an investment from a party in one country into a business or corporation in another country with the intention of establishing a lasting interest.
2. The Foreign Direct Investment into India is continuously increasing since the last seven financial years

**Select the correct statement(s)**

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

**Q.40) Solution(c)****Statement Analysis:**

Statement 1	Statement 2
<b>Correct</b>	<b>Correct</b>
Foreign direct investment (FDI) is an investment from a party in one country into a business or corporation in another country with the intention of establishing a lasting interest. With FDI, foreign companies are directly involved with day-to-day operations in the other country.	The Foreign Direct Investment into India is continuously increasing since 2014-15. In the last seven financial years, over 443 US billion dollars worth of FDI inflows have come into the country.

**Context - The Minister of State for Commerce and Industry stated that FDI has continuously increased since 2014-15 in a written reply in the Lok Sabha today.**

**Q.41) Consider the following statements with respect to 'Krishi Udan Scheme 2.0'**

1. The main objective of this scheme is to increase share of air carriage in the modal mix for transportation of Agri-produce
2. There is a specific budget allocation under the Union budget to promote this scheme
3. The Scheme is a convergence scheme between Ministry of Civil Aviation, Ministry of Tribal Affairs and Ministry of Development of North-Eastern Region

**Choose 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 the above

**Q.41) Solution(c)****Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Incorrect</b>	<b>Correct</b>
The main objective of the Krishi Udan Scheme 2.0 is to increase share of air carriage in the modal mix for transportation of Agri-produce, which includes horticulture, fishery, livestock and processed products. The scheme assists farmers in transporting agriculture products so that it improves their value realisation.	There is no specific budget allocation under Krishi Udan Scheme	Krishi Udan Scheme is a convergence scheme where eight Ministries/Departments namely Ministry of Civil Aviation, Department of Agriculture & Farmers' Welfare, Department of Animal Husbandry and Dairying, Department of Fisheries, Ministry of Food Processing Industries, Department of Commerce, Ministry of Tribal Affairs, Ministry of Development of North-Eastern Region

**Context - 58 airports will be covered under Krishi Udan Scheme 2.0****Q.42) Consider the following statements with respect to 'Wildlife (Protection) Amendment Bill, 2022'**

1. The central government can designate a Management Authority which grants export or import permit for the trade of specimens
2. The bill reduces the number of schedules from six to five removing the schedule for vermin species
3. The bill provides for any person to voluntarily surrender any captive animals or animal products for which appropriate compensation will be awarded

**Choose the correct answer using the code given below**

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

**Q.42) Solution(b)****Statement Analysis:**

Statement 1	Statement 2	Statement 3
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Correct	Incorrect	Incorrect
The central government can designate a Management Authority, which grants export or import permits for the trade of specimens. Anyone who trades in a scheduled specimen must inform the appropriate authority of the transaction's specifics.	The amended bill reduces the total number of schedules to four by eliminating the schedule for vermin species and reducing the number of schedules for specially protected animals to two. It also inserts a new schedule for specimens listed under CITES.	The bill provides for any person to voluntarily surrender any captive animals or animal products for which no compensation will be awarded and the items will become the property of the state government.

**Context - Rajya Sabha passed the Wildlife (Protection) Amendment Bill, 2022**

**Q.43) With reference to 'National party status', consider the following statements**

1. The Representation of People's Act has laid down the technical criterion for a party to be recognised as a national party
2. A political party would be considered a national party if it is recognized as state party in four or more states

**Select the correct statement(s)**

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

**Q.43) Solution(b)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Incorrect</b>	<b>Correct</b>
The ECI's Political Parties and Election Symbols, 2019 handbook has laid down the technical criterion for a party to be recognised as a national party. A party may gain or lose national party status from time to time, depending on the fulfilment of these laid-down conditions.	A political party would be considered a national party if: it is 'recognised' in four or more states; or if its candidates polled at least 6% of total valid votes in any four or more states in the last Lok Sabha or Assembly elections and has at least four MPs in the last Lok Sabha polls; or if it has won at least 2% of the total seats in the Lok Sabha from not less than three states.

**Context – Aam Aadmi party is on track to be recognised as a national party by the Election Commission of India (ECI).**



**Q.44) With reference to 'Short Duration Varieties (SDVs) of Rice', consider the following statements**

1. SDV's mature in half the time as compared to the regular varieties of rice thereby enabling farmers to prepare the fields for wheat sowing
2. The cultivation of short-duration varieties does not offer scope for the adoption of multiple cropping systems due to higher requirement of irrigation

**Select the correct statement(s)**

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

**Q.44) Solution(d)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Incorrect</b>	<b>Incorrect</b>
These early maturing varieties mature about 20-25 days in advance which enable farmers for straw management and preparation of the fields for wheat sowing.	The short-duration varieties, besides offering a sufficient window for paddy residue management, also save irrigation water and input cost. Moreover, the cultivation of short-duration varieties offers scope for the adoption of multiple cropping systems.

**Context - Cultivation of Short Duration Varieties (SDVs) of Rice for Straw Management was promoted recently.**

**Q.45) 'Geo-Ladakh' seen in news recently is a**

- a) Data infrastructure portal
- b) Neutrino star observatory
- c) Earthquake warning system
- d) Gamma-ray telescope

**Q.45) Solution(a)**

Geo-Ladakh project encompasses spatial database generation (water resources, vegetation and energy potential) using remote sensing, geospatial techniques and the development of a Geo-portal for hosting this database. The project also aims towards training of UT-Ladakh officials on Geospatial techniques and applications. Portal provides geospatial data visualization and analytics for UT-Ladakh, consisting of Spatial viewer, Carbon Neutrality, Geospatial utility mapping and Geo-Tourism.

**Context - ISRO to develop “Spatial Data Infrastructure geoportal ‘Geo-Ladakh’ for UT-Ladakh”**

**Q.46) Consider the following statements with respect to ‘Circular trading’**

1. It refers to money that leaves the country through various channels and makes its way back into the country often as foreign investment
2. The objective of circular trading is inflating turnover of the business and to increase the valuation of the company/business

**Select the correct statement(s)**

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

**Q.46) Solution(b)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Incorrect</b>	<b>Correct</b>
Circular trading refers to fraudulently availing input tax credit by traders by issuing of invoices without availing any real goods or service. In simple words, circular trading refers to the transaction of selling and buying of goods (without actual movement of goods) through shell companies. Round tripping refers to money that leaves the country through various channels and makes its way back into the country often as foreign investment.	The main objective of circular trading is inflating turnover of the business. However, through circular trading, companies may also aim to: To increase the valuation of the company/business; To benefit higher loans from the Banks or Non-Banking Financial Corporation (NBFC); To bring black money into the system; To avail fake input tax credit.

**Context - The issue of circular trading could be taken up by the Goods and Services Tax (GST) Council soon**

**Q.47) ‘Americium’ seen in news recently is a/an**

- a) Invasive alien species
- b) Radioactive chemical element
- c) Meteorite

d) Cancer drug

**Q.47) Solution(b)**

Americium is a synthetic radioactive chemical element. Most americium is produced by uranium or plutonium being bombarded with neutrons in nuclear reactors – one tonne of spent nuclear fuel contains about 100 grams of americium. It is widely used in commercial ionization chamber smoke detectors, as well as in neutron sources and industrial gauges.

**Context – ESA developing batteries to help power space stations.**

**Q.48) Consider the following statements**

1. Cactus is a xerophytic plant which grows at a slower pace and is adapted to grow in an arid and semi-arid climate
2. Cactus can be used as biofuel, food, bio fertiliser production and also in the restoration of degraded land

**Select the INCORRECT statement(s)**

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

**Q.48) Solution(d)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Correct</b>	<b>Correct</b>
Cactus is a Xerophytic Plant which though grows relatively at a slower pace. It is adapted to grow in an arid and semi-arid climate	Cactus can be used as– biofuel, food, fodder and in bio fertiliser production. Plantations of cacti will help in the restoration of degraded land. It helps in achieving Nationally Determined Contributions and Sustainable Development Goals besides contributing to employment and income generation for poor farmers.

**Context - Union Minister of Rural Development held a meeting on 'Cactus Plantation and its Economic Usage'**

**Q.49) Consider the following statements with respect to 'Pradhan Mantri Surakshit Matritva Abhiyan programme (PMSMA)'**

1. The scheme has been launched by the Ministry of Health and Family Welfare
2. The scheme identifies and follows-up on high risk pregnancies by adding red stickers to the Mother and Child Protection cards of women
3. The program aims to provide assured comprehensive and quality antenatal care free of cost universally to all pregnant women at all Ayushman Bharat empanelled hospitals

Choose the correct answer using the code given below

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

**Q.49) Solution(a)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Correct</b>	<b>Incorrect</b>
The Pradhan Mantri Surakshit Matritva Abhiyan has been launched by the Ministry of Health & Family Welfare (MoHFW), Government of India.	One of the critical components of the Abhiyan is identification and follow up of high risk pregnancies. A sticker indicating the condition and risk factor of the pregnant women would be added onto MCP card for each visit: Green Sticker- for women with no risk factor detected Red Sticker – for women with high risk pregnancy	The program aims to provide assured, comprehensive and quality antenatal care, free of cost, universally to all pregnant women on the 9th of every month. It guarantees a minimum package of antenatal care services to women in their 2nd / 3rd trimesters of pregnancy at designated government health facilities.

**Context - More than 3 crore 60 lakh pregnant women receive comprehensive antenatal care under PMSMA**

**Q.50) Consider the following statements with respect to 'Aichi Biodiversity Targets'**

1. The Aichi Biodiversity Targets laid out a 10-year plan (Strategic Plan for Biodiversity 2011-2020) which had 20 global biodiversity targets divided under five goals
2. A country which has adopted the Aichi Targets is not expected to devise their own national biodiversity strategies separately that would mimic the goals laid out by Aichi
3. The targets apply to Governments, business and stakeholders at all levels to take steps to achieve plans for sustainable production and consumption

Choose 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 the above

**Q.50) Solution(c)****Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Incorrect</b>	<b>Correct</b>
The Aichi Biodiversity Targets laid out a 10-year plan (Strategic Plan for Biodiversity 2011-2020), which had 20 global biodiversity targets, divided under five goals, with a deadline of 2020. The Convention on Biological Diversity (CBD) adopted the Aichi Biodiversity Targets at the Nagoya conference in 2010.	After parties adopted the Aichi Targets, they were expected to devise their own national biodiversity strategies that would mimic the goals laid out by Aichi. Nearly all parties created these strategies, but most were never fully implemented.	Target 4 of ABT - By 2020, at the latest, Governments, business and stakeholders at all levels have taken steps to achieve or have implemented plans for sustainable production and consumption and have kept the impacts of use of natural resources well within safe ecological limits.

**Context - Delegates from 196 countries — Parties to the United Nations Convention on Biological Diversity (CBD) — are meeting in Montreal, Canada from December 7-21 with the aim to hammer out a new global agreement on halting environmental loss.**

**Q.51) Consider the following statements with respect to 'end-to-end encryption technology'**

1. The process uses an algorithm that transforms standard text into an unreadable format, which can only be unscrambled by those with the decryption keys
2. The technology also protects metadata which includes information like when a file was created, the date when a message is sent and the endpoints between which data was shared

**Select the correct statement(s)**

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

**Q.51) Solution(a)****Statement Analysis:**

Statement 1	Statement 2
<b>Correct</b>	<b>Incorrect</b>
End-to-end encryption is a communication process that encrypts data being shared between two devices, preventing 3rd parties (cloud service providers, internet service providers (ISPs), and cybercriminals) from accessing data while it is being transferred. Its process uses an algorithm that transforms standard text into an unreadable format, which can only be unscrambled by those with the decryption keys.	The technology does not protect metadata which includes information like when a file was created, the date when a message is sent and the endpoints between which data was shared.

**Context - Apple announced it will be increasing the number of data points protected by end-to-end encryption on iCloud from 14 to 23 categories.**

**Q.52) With reference to 'Nirbhaya fund', consider the following statements**

1. It is a non-lapsable corpus fund established by Union Home Affairs Ministry for implementation of initiatives aimed at enhancing the safety and security for women
2. Integrated Emergency Response Management System which aims to provide round the clock security to women passengers in all Railway Stations was established under this fund

**Select the correct statement(s)**

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

**Q.52) Solution(b)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Incorrect</b>	<b>Correct</b>
It is a non-lapsable corpus fund established by Union Finance Ministry for implementation of initiatives aimed at enhancing the safety and security for women in the country.	Integrated Emergency Response Management System which aims to provide round the clock security to women passengers in all Railway Stations was established under this scheme. Central Victim Compensation Scheme (CVCF), Emergency Response Support System (ERSS) are some of the other schemes established under Nirbhaya Fund.

**Context - Union Minister for Women and Child Development Smriti Irani has said that the government has set up over one thousand fast track courts in the country with the help of Nirbhaya Fund.**

**Q.53) Consider the following statements with respect to 'Namami Gange Programme'**

1. It is an Integrated Conservation Mission of the Ministry of Jal Shakti and implemented by the National Ganga River Basin Authority
2. The implementation has been divided into Entry-Level Activities (for immediate visible impact), Medium-Term Activities and Long-Term Activities
3. Bio-diversity conservation, Afforestation and sustainable agriculture are some of the main pillars of the programme

**Choose the correct answer using the code given below**

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

**Q.53) Solution(b)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Incorrect</b>	<b>Correct</b>	<b>Incorrect</b>
Namami Gange Programme is an Integrated Conservation Mission approved as a 'Flagship Programme' of the Ministry of Jal Shakti. It is being implemented by the National Mission for Clean Ganga (NMCG), and its state counterpart organisations i.e., State Program Management Groups (SPMGs).	Its implementation has been divided into Entry-Level Activities (for immediate visible impact), Medium-Term Activities (to be implemented within 5 years of time frame) and Long-Term Activities (to be implemented within 10 years).	Main pillars of the Namami Gange Programme are Sewerage Treatment Infrastructure, River-Front Development, River-Surface Cleaning, Bio-Diversity, Afforestation, Public Awareness, Industrial Effluent Monitoring, Ganga Gram. Sustainable agriculture is not a pillar of the programme

**Context - Union government's flagship Namami Gange programme, conceived to improve the sanitation levels in the Ganga river is now geared towards conservation, tourism and providing economic livelihoods.**

**Q.54) 'Artemis Mission' recently seen in news aims to**

- a) Further the understanding of the exo-planets

- b) Study the origin of universe
- c) Facilitate human mission to mars
- d) Developing a planetary defense against Near-Earth objects

**Q.54) Solution(c)**

The Artemis program is a robotic and human Moon exploration program led by the United States' National Aeronautics and Space Administration (NASA) along with three partner agencies: European Space Agency (ESA), Japan Aerospace Exploration Agency (JAXA), and Canadian Space Agency (CSA). The Artemis program intends to reestablish a human presence on the Moon for the first time since the Apollo 17 mission in 1972. The major components of the program are the Space Launch System (SLS), Orion spacecraft, Lunar Gateway space station and the commercial Human Landing Systems. The program's long-term goal is to establish a permanent base camp on the Moon and facilitate human missions to Mars.

**Context - NASA's Orion capsule splashed down back to Earth on Sunday. The Orion's landing in the Pacific Ocean marked the end of the inaugural Artemis 1 lunar mission exactly 50 years after Apollo's final moon landing.**

**Q.55) Consider the following statements with respect to 'G20 Development Working Group (DWG)'**

1. DWG is a platform for G-20 member countries to come together and prioritize multilateralism and discuss developmental issues in Developing Countries, Least Developed Countries and Island Countries
2. 'ASEAN Consensus' was adopted by the DWG to promote accountability framework at the G20 Summit held in Bali
3. DWG is entrusted with coordinating and monitoring policy actions across all G20 countries related to the United Nations 2030 Agenda for Sustainable Development

**Choose 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 the above

**Q.55) Solution(c)****Statement Analysis:**

Statement 1	Statement 2	Statement 3
Correct	Incorrect	Correct



<p>The Development Working Group meetings aims to discuss developmental issues in Developing Countries, Least Developed Countries and Island Countries. Its a platform for G-20 member countries to come together and prioritize multilateralism, share solutions that promote growth, remap development plans and achieve the Sustainable Development Goal's targets.</p>	<p>Indonesian G20 Presidency remained committed to uphold the transparency and accountability by presenting '2022 G20 Bali Update'—that adheres to the G20 Modernized Accountability Framework. ASEAN Consensus is approach towards Myanmar adopted by the ASEAN countries.</p>	<p>The Development Working Group (DWG) was created in 2010. It has become an essential forum to discuss and promote action on a broad range of issues directly affecting developing countries, especially low-income countries. In 2016, the G20 entrusted the DWG with coordinating and monitoring policy actions across all G20 countries related to the United Nations 2030 Agenda for Sustainable Development.</p>
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**Context - First Meeting of the G20 Development Working Group to Be Held in Mumbai from December 13-16, 2022**

**Q.56) Consider the following statements with respect to 'Pradhan Mantri Adi Adarsh Gram Yojna'**

1. The main objective of this scheme is to achieve integrated socio-economic development of selected villages through convergence approach
2. Village Development Plan prepared under this scheme should be prepared in consultation with the villagers and adopted by the Gram Sabha
3. It is a central sector scheme with 100% grant from the Government of India implemented by the Ministry of Tribal Affairs

**Choose the correct answer using the code given below**

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

**Q.56) Solution(b)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Correct</b>	<b>Incorrect</b>
The objective of the scheme is to achieve integrated socio-economic development of selected villages through convergence approach. Improving the infrastructure in	Village Development Plan prepared under this scheme should be prepared in active consultation with the villagers	It is a central sponsored scheme with 100% grant from the Government of India implemented by

vital sectors like health, education, connectivity and livelihood. It includes maximizing the coverage of individual / family benefit schemes of the Central / State Governments.	and adopted by the Gram Sabha/Village council/Panchayat.	the state/UT administration
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**Context - Ministry of Tribal Affairs has revamped the existing Scheme of 'Special Central Assistance to Tribal Sub-Scheme (SCA to TSS) with nomenclature 'Pradhan Mantri Adi Adarsh Gram Yojna (PMAAGY)', for implementation during 2021-22 to 2025-26**

**Q.57) Consider the following statements with respect to 'India International Science Festival (IISF)-2022'**

1. IISF is the initiative of the Ministry of Science & Technology and Ministry of Earth Science in association with Vijnana Bharati
2. The International Science Film Festival of India (ISFFI) will be held to promote the efforts of filmmakers and motivate them to develop scientific and innovative content

**Select the INCORRECT statement(s)**

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

**Q.57) Solution(d)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Correct</b>	<b>Correct</b>
IISF is the initiative of the Ministry of Science & Technology and Ministry of Earth Science of Government of India in association with Vijnana Bharati which is a science movement with swadeshi spirit led by eminent scientists of the country.	The International Science Film Festival of India (ISFFI) will be another highlight of the festival and will promote in recognizing the efforts of filmmakers and motivate them to develop scientific and innovative content. IISF will also witness "Vigyanika", the Science Literature Festival where several programs related to the various genre will be organized.

**Context - India International Science Festival (IISF)-2022 will be held in Bhopal in January 2023 and incidentally, it is one of the major events to be held after India took over G-20 Presidency.**

**Q.58) Consider the following statements with respect to 'Sri Aurobindo Ghosh'**

1. He became a leading figure in the freedom movement and used to write articles for the English newspaper Bande Mataram and started the weekly English journal titled Dharma
2. He was one of the founders of the youth club Anushilan Samiti and was charged in the Manicktolla bomb conspiracy case
3. 'Essays on the Gita', 'On the Veda' and 'Swadeshi and Swaraj' are some of the books written by him

Which of the statement(s) given above is/are correct

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

**Q.58) Solution(c)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Incorrect</b>	<b>Correct</b>	<b>Incorrect</b>
He became a leading figure in the freedom movement and used to write articles for the English newspaper Bande Mataram. After his acquittal in the Alipore Bomb case, Sri Aurobindo launched Karmayogin, a weekly English journal conceived as 'A Weekly Review of National Religion, Literature, Science, Philosophy. Sri Aurobindo also launched Dharma, a weekly Bengali journal	He was one of the founders of the youth club Anushilan Samiti which protested against the atrocities of the British government and was charged in the Alipore Bomb Case (1906-1910) and was sentenced to jail. It is colloquially referred to as the Alipore Bomb Case, the Muraripukur conspiracy, or the Manicktolla bomb conspiracy	His major works include: Essays on the Gita (1922), The Life Divine (1939) Collected Poems and Plays (1942), The Synthesis of Yoga (1948), The Human Cycle (1949), The Ideal of Human Unity (1949), Savitri: A Legend and a Symbol (1950), On the Veda (1956). Swadeshi and Swaraj is a book written by Bipin Chandra Pal

**Context - PM to participate in a programme commemorating Sri Aurobindo's 150th birth anniversary on 13th December**

**Q.59) 'Toolkit on Enabling Gender Responsive Urban Mobility and Public Spaces in India' was launched by**

- a) World Bank
- b) UN Women
- c) CARE International
- d) United Nations Development Fund for Women (UNIFEM)

**Q.59) Solution(a)**

The World Bank launched a “Toolkit on Enabling Gender Responsive Urban Mobility and Public Spaces in India” with the aim of suggesting ways to make public transport in Indian cities more inclusive of women’s travelling requirements. The toolkit emphasises on the importance of integrating a gender lens in transport policies and infrastructure, making various recommendations on interventions that can help make urban transport safer, especially for women. It brings together 50 case studies of best practices and efforts from across the world, along with a special inculcation of the Indian context.

**Context – The toolkit was launched recently.**

**Q.60) With reference to ‘Indian Regional Navigation Satellite System (IRNSS)’, consider the following statements**

1. The constellation consists of seven satellites located in geostationary orbit (GEO) and provides Standard Positioning Service and a Precision Service
2. Unlike GPS which is dependent only on L-band, NavIC has dual frequencies (S and L bands)

**Select the correct statement(s)**

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

**Q.60) Solution(b)****Statement Analysis:**

Statement 1	Statement 2
<b>Incorrect</b>	<b>Correct</b>
The constellation consists of 7 active satellites. Three of the seven satellites in constellation are located in geostationary orbit (GEO) and four are in inclined geosynchronous orbit (IGSO). NavIC signals will consist of a Standard Positioning Service and a Precision Service. Both will be carried on L5 (1176.45 MHz) and S band (2492.028 MHz).	Unlike GPS, which is dependent only on L-band, NavIC has dual frequencies (S and L bands). When a low-frequency signal travels through atmosphere, its velocity changes due to atmospheric disturbances. The US banks on an atmospheric model to assess frequency error, and it has to update this model from time to time to assess the exact error. In India's case, the actual delay is assessed by measuring the

	difference in delay of the two frequencies (S and L bands)
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**Context -** To promote the use of 'NAVigation with the Indian Constellation' (NavIC), the Indian version of GPS, the Indian Space Research Organisation (ISRO) will introduce the L1 frequency in all its future satellites, for civilian navigational use.

**Q.61) With reference to 'Geminids Meteor Shower', consider the following statements**

1. They are named after the constellation Gemini which is the source of the meteors
2. The Geminids are unique because unlike most meteor showers they originate not from an asteroid but from a comet

**Select the correct statement(s)**

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

**Q.61) Solution(d)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Incorrect</b>	<b>Incorrect</b>
Geminids comes from the constellation Gemini, from whose location in the sky the meteor shower appears to originate. The constellation for which a meteor shower is named only serves to aid viewers in determining which shower they are viewing on a given night. The constellation is not the source of the meteors.	The Geminids are unique because unlike most meteor showers, they originate not from a comet, but from an asteroid, the 3200 Phaethon.

**Context - Geminids peaked around the 13th and 14th of December.**

**Q.62) Consider the following statements with respect to 'India Internet Governance Forum (IGF)'**

1. It has been constituted in conformance to the Tunis Agenda of the UN-based Internet Governance forum (IGF)
2. Theme of this year's forum is 'last mile service delivery using internet for a digital Bharat'

**Select the correct statement(s)**

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

**Q.62) Solution(a)****Statement Analysis:**

Statement 1	Statement 2
Correct	Incorrect
The India Internet Government Forum is an initiative associated with the UN Internet Governance Forum (UN-IGF). The Internet Governance Forum (IGF) is a multi-stakeholder platform bringing representatives together from various groups, all at par to discuss public policy issues related to the Internet. India Internet Governance Forum(IIGF) has been constituted in conformance to IGF-Paragraph 72 of the Tunis Agenda of the UN-based Internet Governance forum (IGF).	Theme of IIGF 2022: 'Leveraging Techade for Empowering Bharat'. India hosted it for 1st time last year (2021).

**Context - India Internet Governance Forum 2022 concluded****Q.63) Consider the following statements with respect to 'Sixth Schedule of the Indian Constitution'**

1. Article 246 of the Indian Constitution provides for the Sixth Schedule for the administration of tribal areas in Assam, Meghalaya, Tripura and Mizoram
2. The 6th Schedule also provides for separate Regional Councils for each area constituted as an autonomous region apart from Autonomous Development Councils
3. All laws made under this provision shall have no effect until assented by the Governor of the State.

**Choose the correct answer using the code given below**

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

**Q.63) Solution(a)****Statement Analysis:**

Statement 1	Statement 2	Statement 3
Incorrect	Correct	Correct

According to Article 244 of the Indian Constitution, the Sixth Schedule consists of provisions for the administration of tribal areas in Assam, Meghalaya, Tripura and Mizoram.	Sixth Schedule provides that there shall be a separate Regional Council for each area constituted an autonomous region under sub-paragraph (2) of paragraph 1 of this Schedule.	The Regional Council for an autonomous region in respect of all areas within such region and the District Council for an autonomous district in respect of all areas within the district except those which are under the authority of Regional Councils, if any, within the district shall have power to make laws. However, all laws made under this paragraph shall be submitted forthwith to the Governor and, until assented to by him, shall have no effect.
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**Context - Union Home Ministry evaded direct reply on Ladakh's inclusion under Sixth Schedule of Constitution**

**Q.64) 'Lisu community' recently seen in news are mostly found in**

- a) Mizoram
- b) Sikkim
- c) Arunachal Pradesh
- d) Tripura

**Q.64) Solution(c)**

Lisu are a Tibeto-Burman ethnic group who inhabit mountainous regions of Myanmar (Burma), southwest China, Thailand, and the Indian state of Arunachal Pradesh. Grey bellied wren babbler is a specie of songbird named after the Lisu, the local community.

**Context - Six birdwatchers trekked to a peak in Arunachal Pradesh's Changlang district in search of the rare and elusive grey-bellied wren babbler. They recorded a potentially new species of songbird they named after the Lisu, the local community.**

**Q.65) Consider the following statements with respect to 'The Energy Conservation (Amendment) Bill, 2022'**

1. The Bill empowers the government to require designated consumers to meet a minimum share of energy consumption from non-fossil sources
2. It adds a tradeable carbon credit certificate for reducing carbon emissions and also provides for its interchangeability between renewable energy certificates and carbon credits
3. The Bill expands the scope to include and vessels for which energy consumption standards may be specified

**Choose 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 the above

**Q.65) Solution(c)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Incorrect</b>	<b>Correct</b>
The Bill adds that the government may require certain designated consumers to meet a minimum share of energy consumption from non-fossil sources. Different consumption thresholds may be specified for different non-fossil sources and consumer categories. Designated consumers include: (i) industries such as mining, steel, cement, textile, chemicals, and petrochemicals, (ii) transport sector including Railways, and (iii) commercial buildings, as specified in the schedule.	The Bill adds a tradeable carbon credit certificate for reducing carbon emissions. The same activity may get covered under these schemes separately. For example, if a power generation company produces renewable energy, it earns a renewable energy certificate. By producing renewable energy, it may also be reducing carbon emissions, and hence, could be entitled to get carbon credits. Similarly, all energy saving measures could qualify as carbon emission reduction measures, as they reduce the amount of energy generation needed and hence, reduce carbon emissions. The Bill does not specify whether these certificates will be interchangeable or not.	Under the Act, the energy consumption standards may be specified for equipment and appliances which consume, generate, transmit, or supply energy. The Bill expands the scope to include vehicles (as defined under the Motor Vehicles Act, 1988), and vessels (includes ships and boats).

**Context - Recently, The Rajya Sabha passed the Energy Conservation (Amendment) Bill, 2022.**

**Q.66) Consider the following statements with respect to ‘National Cyber Security Strategy’**

1. It formulates a risk-based approach to be adopted by the private sector, the government, academia and civil society in responding to cyber-related threats
2. The Cyber Security Strategy has been prepared by National Security Council Secretariat (NSCS) under Ministry of Home Affairs



Select the correct statement(s)

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

**Q.66) Solution(a)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Correct</b>	<b>Incorrect</b>
Risk-based approach of the cyber security strategy recommends measures to be adopted by the private sector, the government, academia and civil society in assessing and responding to cyber-related threats or issues.	The Cyber Security Strategy has been prepared by National Security Council Secretariat (NSCS) under National Security Council. The National Security Council (NSC) of India is an executive government agency tasked with advising the Prime Minister's Office on matters of national security and strategic interest.

**Context - The National Security Council Secretariat (NSCS) has formulated a draft National Cyber Security Strategy**

**Q.67) Consider the following statements with respect to 'United Nations Commission on the Status of Women'**

1. It is a functional commission of the United Nations Economic and Social Council (ECOSOC), one of the main UN organs within the United Nations.
2. The CSW is one of the commissions of the UN that limit participation to member states only due the sensitivity of the mandate involved
3. CSW consists of one representative from each of the 45 Member States elected by ECOSOC on the basis of equitable geographical distribution

**Choose the correct answer using the code given below**

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

**Q.67) Solution(c)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Incorrect</b>	<b>Correct</b>
The Commission on the Status of Women (CSW or UNCSW) is a functional commission of the United Nations Economic and Social Council (ECOSOC), one of the main UN organs within the United Nations. CSW has been described as the UN organ promoting gender equality and the empowerment of women	The CSW is one of the commissions of the UN that do not limit participation to states only. For example, NGOs are also allowed to participate in sessions of the CSW, attending caucuses and panels and organizing their own parallel events through the NGO Committee on the Status of Women, New York (NGO CSW/NY). This is particularly important for contested territories such as Taiwan, which is not a member of the UN.	CSW consists of one representative from each of the 45 Member States elected by ECOSOC on the basis of equitable geographical distribution: 13 members from Africa; 11 from Asia; 9 from Latin America and Caribbean; 8 from Western Europe and other States and 4 from Eastern Europe. Members are elected for four-year terms.

**Context - Iran has been expelled from the United Nation's Commission on the Status of Women (CSW) in a vote on which India abstained.**

**Q.68) Consider the following statements**

1. There is no fixed timeframe for the President to examine a bill once it has been reserved by the Governor for the consideration of the President
2. The Constitution makes it mandatory that the Governor should reserve for the President's consideration if in his/her opinion is opposed to the Directive Principles of State Policy

**Select the INCORRECT statement(s)**

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

**Q.68) Solution(b)****Statement Analysis:**

Statement 1	Statement 2
<b>Correct</b>	<b>Incorrect</b>
Under Article 200, the Governor may grant assent withhold assent return for reconsideration by the Legislature or reserve for the consideration of the President any Bill passed by the State legislature and presented to him for assent. There is no timeframe fixed in the Constitution for any of these functions.	The Constitution makes it mandatory that the Governor should reserve for the President's consideration if, in his opinion a Bill that "so derogates from the powers of the High Court as to endanger the position which that Court is by this Constitution designed to fill". In addition, the governor can also reserve the bill if it is of the following nature: Ultra-vires, that is, against the provisions of the Constitution, Opposed to the Directive Principles of State Policy, Against the larger interest of the country, Of grave national importance, Dealing with compulsory acquisition of property under the Article of the Constitution.

**Context - Punjab Chief Minister called on Union Home Minister seeking his intervention in getting the President's assent on two sacrilege Bills passed by the erstwhile government in 2018.**

**Q.69) With reference to 'Arctic Report Card', consider the following statements**

1. The report has been compiled by the Global Climate Observatory System of the World Meteorological Organization
2. Temperatures in the Arctic Circle have been rising much more quickly than those in the rest of the planet according to the report
3. Sea ice retreats, storms passing over warmer water and cooler air which can hold more moisture are the main factors that could be increasing precipitation in different parts of the Arctic

**Choose the correct answer using the code given below**

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

**Q.69) Solution(b)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Incorrect</b>	<b>Correct</b>	<b>Incorrect</b>

<p>Nearly 150 experts from 11 nations compiled this year's assessment of Arctic conditions, the Arctic Report Card, which NOAA has produced since 2006. This year's report card was issued on Tuesday in Chicago at a conference of the American Geophysical Union, the society of earth, atmospheric and oceanic scientists.</p>	<p>Temperatures in the Arctic Circle have been rising much more quickly than those in the rest of the planet, transforming the region's climate into one defined less by sea ice, snow and permafrost and more by open water, rain and green landscapes.</p>	<p>Warmer air and not colder air can hold more moisture, sea ice retreats and storms absorb more open ocean water. Storms are passing over warmer water before reaching the Arctic, feeding them with more energy. These three main factors could be increasing precipitation in different parts of the Arctic</p>
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**Context – The report was released recently.**

**Q.70) 'Aeronomy' a term seen in news is related to**

- Understanding the motion of air when affected by a solid object
- Stealth capability of aircrafts
- Creating zero pressure conditions
- Study of the upper atmospheric regions of the Earth

**Q.70) Solution(d)**

Aeronomy refers to the scientific study of the upper atmospheric regions of the Earth and other solar system bodies. It includes the distribution of temperature, density, and chemical constituents, and the chemical reactions that occur. It also includes the studies of aurora, airglow, the ionosphere, Van Allen radiation belts, cosmic rays, and radioactive and photochemical phenomena. It covers the chemistry, dynamics and energy balance of both neutral and charged particles.

**Context - ISRO has taken initiatives for feasibility studies on missions to Venus as well as Aeronomy studies**

**Q.71) Consider the following statements with respect to 'Youth Co:Lab'**

- It is an initiative launched by UNDP India in partnership with Atal Innovation Mission
- Passionate young founders with solutions that solve real problems and/or create meaningful co-innovation opportunities will be supported under this programme

**Select the correct statement(s)**

- 1 only
- 2 only
- Both 1 and 2

d) Neither 1 nor 2

**Q.71) Solution(c)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Correct</b>	<b>Correct</b>
Youth Co:Lab is an initiative launched in 2019 by UNDP India in partnership with Atal Innovation Mission, NITI Aayog and aims to establish a common agenda for Asia-Pacific countries to invest in and empower youth to accelerate implementation of the Sustainable Development Goals (SDGs) through leadership, social innovation, and entrepreneurship.	Through Youth Co: Lab, 30 early-stage start-ups would be supported by the springboard programme, and the best would be provided a seed grant for scaling up their start-up. Passionate young founders with solutions that solve real problems and/or create meaningful co-innovation opportunities aged 18-29 can apply and will be supported throughout the programme.

**Context - Atal Innovation Mission and UNDP India launch 5th edition of Youth Co:Lab for Young Entrepreneurs**

**Q.72) With reference to 'India Water Impact Summit', consider the following statements**

1. It is organized by NITI Aayog to impart impetus towards developing water and environmental infrastructure
2. The theme of the Summit is 'Restoration and Conservation of Aquifers and Rivulets' with emphasis on the select aspects of 'Mapping and Convergence of 5Ps' - People, Policy, Plan, Programme and Project
3. The event for the first time will host a finance forum to bring together global financial institutions and investors interested in river restoration and conservation programmes

**Choose the correct answer using the code given below**

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

**Q.72) Solution(d)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Incorrect</b>	<b>Incorrect</b>	<b>Incorrect</b>
The summit is being organized from 15th to 17th December, 2022 at Dr. Ambedkar International Centre, New Delhi by National Mission for Clean Ganga (NMCG) and Center for Ganga River Basin Management and Studies (cGanga) to impart impetus towards developing water and environmental infrastructure to protect rivers and water bodies in India.	The theme of the 7th India Water Impact Summit (IWIS 2022) is 'Restoration and Conservation of Small Rivers in a Large Basin' with emphasis on the select aspects of 'Mapping and Convergence of 5Ps' - People, Policy, Plan, Programme and Project. In this three-day summit, experts from the country and abroad will discuss ways in which small rivers facing near-extinction in large river basins can be protected.	Like the previous editions of IWIS, the event will host a finance forum to bring together global financial institutions and investors interested in river restoration and conservation programmes. It will also provide an opportunity to dozens of technology and innovation companies from around the world to bring their solutions to India and address various issues and concerns pertinent to our river basins.

**Context - 7th India water impact summit is being organized from 15th – 17th december in New Delhi**

**Q.73) Consider the following statements**

1. A rise in levels of Nitrogen Oxide is directly related to the increase of Methane levels in the atmosphere
2. Methane has several times more warming power than carbon dioxide although short-lived comparatively

**Select the correct statement(s)**

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

**Q.73) Solution(b)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Incorrect</b>	<b>Correct</b>
Nitrogen oxide (NOx) can impact methane levels. In the troposphere — the upper part of the atmosphere — NOx combines with ozone to form hydroxyl radicals. These radicals	Methane is short-lived, compared to carbon dioxide. Methane has more than 80 times the warming power of

remove 85 per cent of methane annually from the atmosphere. Nitrogen oxide enters the atmosphere from exhaust gases of cars and trucks as well as electrical power generation plants. Thus during the lockdown, Nitrogen oxide pollution was reduced drastically increasing methane levels.

carbon dioxide over the first 20 years of its lifetime in the atmosphere.

**Context - Low nitrogen oxide pollution and warming wetlands likely drove global methane emissions to record high levels in 2020, according to a new study.**

**Q.74) Consider the following statements with respect to 'Social Progress Index (SPI)'**

1. The report has been prepared by Institute for Competitiveness and the Social Progress Imperative
2. SPI assesses the performance of states and districts on three dimensions of Basic Human Needs, Foundations of Wellbeing and Liberty
3. A special section of the report provides an analysis of the Aspirational Districts of India leading to a broader understanding of the social progress at the grassroots level

**Choose 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 the above

**Q.74) Solution(c)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Incorrect</b>	<b>Correct</b>
Economic Advisory Council to Prime Minister (EAC-PM) will release the Social Progress Index (SPI) for states and districts of India on December 20, 2022. The report has been prepared by Institute for Competitiveness, and the Social Progress Imperative and was mandated by Economic Advisory Council to the Prime Minister of India.	SPI assesses the performance of states and districts on three dimensions of social progress: Basic Human Needs, Foundations of Wellbeing, and Opportunity. Within each dimension, there are four components. The dimension of Basic Human Needs assesses the performance of states and districts in terms of Nutrition and Basic Medical Care, Water and Sanitation, Personal Safety and	A special section of the report provides an analysis of the Aspirational Districts of India, leading to a broader understanding of the social progress at the grassroots level. The report will act as a critical enabler and tool for policymakers in the coming years for achieving sustained socio-economic growth.

Shelter. The dimension of Foundations of Wellbeing evaluates the progress made by the country across the components of Access to Basic Knowledge, Access to Information and Communication, Health and Wellness, and Environmental Quality. The dimension of Opportunity focuses on aspects of Personal Rights, Personal Freedom and Choice, Inclusiveness, and Access to Advanced Education.

**Context - EAC-PM to release the Social Progress Index (SPI) for states and districts**

**Q.75) 'Project BOLD' seen in news recently comes under the**

- Ministry of Home affairs
- Ministry of Micro, Small and Medium Enterprises
- Ministry of Environment, Forest and Climate Change of India
- Ministry of Science and Technology

**Q.75) Solution(b)**

Ministry of MSME, through Khadi and Village Industries Commission (KVIC), has launched a unique pilot project named "Project BOLD" (Bamboo Oasis on Lands in Drought). The objective of this initiative is to scientifically harness the environmental benefits and economic potential of bamboo cultivation to protect environment and strengthen rural economy through various village industries.

**Context – The project was in news**

**Q.76) Which of the following pairs is/are correctly matched?**

GI Tag	States
Raktsey Karpo Apricots	Jammu & Kashmir
Tandur red gram	Karnataka
Gamocha	Manipur
Onattukara Ellu	Tamil Nadu

**Choose the correct code:**

- 1 and 3



- b) 1, 2 and 4
- c) 2 and 4
- d) None

**Q.76) Solution (d)****Option d****Correct**

- Recently, Ladakh got its first ever Geographical Indication Tag to Raktsey Karpo Apricot
- Nine new items, including 5 agricultural products from Kerala have been given the coveted GI tag.
- 5 Agricultural products from Kerala are given GI tags - Attappady Attukombu Avara, Attappady Thuvara, Onattukara Ellu, Onattukara Ellu and Kodungalloor Pottuvellari
- The gamocha of Assam, Tandur red gram of Telangana and Alibag white onion of Maharashtra are the rest of 9 new GI tags.

**Context:** Nine new items, including 5 agricultural products from Kerala have been given the coveted GI tag.

**Q.77) Consider the following statements about Group of Friends**

1. It is a joint initiative of India and England.
2. It aims to promote accountability for Crimes against Peacekeepers.

**Choose the correct statements:**

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

**Q.77) Solution (b)****Statement Analysis**

Statement 1	Statement 2
<b>Incorrect</b>	<b>Correct</b>
India has launched the 'Group of Friends' The 'Group of friends' was launched during India's current presidency of the U.N. Security Council. Co-chairs of the 'Group of Friends' - India, Bangladesh, Egypt, France, Morocco and Nepal.	Aim - To Promote Accountability for Crimes against Peacekeepers, seek facilitation of capacity building and technical assistance to the host state authorities.

**Context:** India has launched the 'Group of Friends' to promote accountability for crimes against peacekeepers.

**Q.78) Consider the following statements about Agni-5 Missile**

1. It is a nuclear capable missile with two-stage liquid-fuelled engine.
2. Agni-5 can strike targets at ranges of 7,000 to 7,500 km.
3. The missile is operated by the Strategic Forces Command (SFC).

Choose the incorrect statements:

- a) 1, 2 and 3
- b) 1 and 2
- c) 2 only
- d) None

**Q.78) Solution (b)**

**Statement Analysis**

Statement 1	Statement 2	Statement 3
<b>Incorrect</b>	<b>Incorrect</b>	<b>Correct</b>
The nuclear-capable missile, which uses a three-stage solid-fuelled engine, has been developed by DRDO.	Medium to Intercontinental versions of Agni missile systems 1 to 5 have varying ranges, starting from 700 km for Agni-1 to 5000 km and above for Agni-5. Agni-5 can strike targets at ranges of 5,000 to 5,500 km.	The missile is operated by the Strategic Forces Command (SFC).

**Context:** India successfully test-fired Agni-V ballistic missile having increased range of 5,000 km.

**Q.79) Consider the following statements about PM Virasat Ka Samvardhan**

1. It is a central-sector scheme under Ministry of Micro, Small and Medium Enterprises.
2. It focuses on skilling, entrepreneurship and leadership training requirements of the artisan communities.

Choose the correct statements:

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

**Q.79) Solution (b)**

**Statement Analysis**

Statement 1	Statement 2
<b>Incorrect</b>	<b>Correct</b>
Pradhan Mantri Virasat Ka Samvardhan (PM VIKAS) is a central-sector scheme under Ministry of Minority Affairs.	PM VIKAS focusses on the skilling, entrepreneurship and leadership training requirements of the minority and artisan communities across the country. PM VIKAS is an integrated scheme that converges five erstwhile schemes of the Ministry of Minority Affairs viz. Seekho aur Kamao, USTTAD, Hamari Dharohar, Nai Roshni and Nai Manzil. The scheme has been approved by the Cabinet for the period of 15th Finance Commission (up to 2025-26).

	The Scheme aims to improve livelihoods of the minorities, particularly the artisan communities.
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**Context:** The Pradhan Mantri Kaushal Ko Kaam Karyakram (PMKKK) has been named as Pradhan Mantri Virasat Ka Samvardhan (PM VIKAS) Scheme.

**Q.80)** Tal Chhappar Sanctuary, recently seen in news is located in which of the following statements

- Madhya Pradesh
- Chhattisgarh
- Rajasthan
- Uttar Pradesh

**Q.80) Solution (c)**

**Option c**

**Correct**

- The Tal Chhappar Sanctuary is known as the home of blackbuck and a variety of birds in Rajasthan.
- The sanctuary is flanked by the Great India Desert, Thar and boasts a unique ecosystem and is an important birdwatching destination in India.
- Migratory birds in the sanctuary: Harriers, eastern imperial eagles, tawny eagle, short-toed eagle, sparrow, and little green bee-eaters, black ibis and demoiselle cranes, whereas skylarks, crested larks, ring doves, and brown doves are seen round the year.
- Fauna: Desert fox and desert cat can be spotted in the sanctuary.

**Context:** Recently, the Tal Chhappar blackbuck sanctuary in Churu district of Rajasthan has received a protective cover.

**Q.81) Consider the following statements with respect to 'Cotton Textiles Export Promotion Council (TEXPROCIL)'**

1. It is a central public sector undertaking engaged in diverse activities related to trade, procurement, and export of cotton
2. TEXPROCIL assists the Government in bilateral negotiations bringing to the table the domestic perspective
3. The council promotes export of raw Cotton, woven and knitted fabrics and even Technical textiles

**Choose the correct answer using the code given below**

- 1 and 2 only
- 2 and 3 only
- 1 and 3 only
- All the above

**Q.81) Solution(b)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Incorrect</b>	<b>Correct</b>	<b>Correct</b>
The Cotton Textiles Export Promotion Council is the first Council set up after Independence by the Government of India in 1954 is an autonomous, nonprofit body dedicated to promotion of exports. The Cotton Textiles Export Promotion Council, popularly known as TEXPROCIL has been the international face of cotton textiles from India facilitating exports worldwide	The activities of TEXPROCIL include Working with Indian Government on export promotion policies Providing Industry data on duties and taxes suffered with documentary evidence to arrange refund of the same after exports through well thought out draw back mechanism Assisting the Government in bilateral negotiations bringing to the table the domestic perspective	The Council promotes exports of - Raw Cotton Cotton Yarns and Blended Yarns (50% or more cotton) Grey and Processed (doubled, gassed, mercerized, dyed, melange); Cotton and Blended (50% plus cotton) Woven and Knitted fabrics , Grey and Processed Home Textiles ( Bed linen, Kitchen linen, Bath towels and Other linen) Technical textiles ( Protective, Performance, Medical and Geo textiles)

**Context - The Cotton Textiles Export Promotion Council – Texprocil and the Cotton Corporation of India – CCI today signed an MoU for branding and traceability of Indian-grown Kasturi Cotton**

**Q.82) With reference to 'Gold Bonds', consider the following statements**

1. Investors have to pay the issue price in cash and the bonds will be redeemed in gold on maturity.
2. The bonds are held in the books of the RBI or in demat form eliminating risk of loss but can be redeemed only after tenor period

**Select the correct statement(s)**

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

**Q.82) Solution(d)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Incorrect</b>	<b>Incorrect</b>
Gold bonds are government securities denominated in grams of gold. They are substitutes for holding	The bonds are held in the books of the RBI or in demat form eliminating risk of loss. While the

physical gold. Investors have to pay the issue price in cash and the bonds will be redeemed in cash on maturity. The bond is issued by the RBI on behalf of the government.

tenor of bonds is eight years, it can be redeemed after five years. Investors are assured of the market value of gold at the time of maturity and periodical interest.

**Context - RBI has announced the Sovereign Gold Bond Scheme 2022-23 - Series III, which will be open for subscription from December 19 to December 23.**

**Q.83) Consider the following statements with respect to 'Review Petition'**

1. Any person aggrieved by a ruling can seek a review can file a review petition and it is usually heard by the same judges who passed the original verdict
2. The Constitution lays down that the grounds for seeking a review of a verdict must include the discovery of new evidence which could not be produced by the petitioner
3. A review petition must be filed within 30 days of the date of judgment or order and no other remedy after review petition exists

**Choose the correct answer using the code given below**

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

**Q.83) Solution(a)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Incorrect</b>	<b>Incorrect</b>
It is not necessary that only parties to a case can seek a review of the judgment on it. Any person aggrieved by a ruling can seek a review. They are usually not heard in open court. Lawyers in review petitions usually make their case through written submissions, and not oral arguments. The same judges who passed the original	In a 2013 ruling, the Supreme Court laid down three grounds for seeking a review of a verdict it has delivered: (i) the discovery of new and important matter or evidence which, after the exercise of due diligence, was not within the knowledge of the petitioner or could not be produced by him; (ii) a mistake or error apparent on the face of the record; or	A review petition must be filed within 30 days of pronouncement of the judgment. Except in cases of death penalty, review petitions are heard through "circulation" by judges in their chambers. As the court of last resort, the Supreme Court's verdict cannot result in a miscarriage of justice. So, in <i>Roopa Hurra v Ashok Hurra</i> (2002), the court itself evolved the concept of a curative petition, which can be

verdict usually also hear the review petition.	(iii) any other sufficient reason. In subsequent rulings, the court specified that “any sufficient reason” means a reason that is analogous to the other two grounds.	heard after a review is dismissed to prevent abuse of its process.
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**Context - The Supreme Court rejected a review petition filed by Bilkis Bano.**

**Q.84) Consider the following statements with respect to ‘Coalition for Nature’**

1. The coalition led by Cabo Verde, Samoa and Seychelles was formed for the implementation of the Global Biodiversity Framework (GBF)
2. The purpose of the Coalition is to underline how member countries have been using nature-based solutions for protecting biodiversity

**Select the correct statement(s)**

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

**Q.84) Solution(c)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Correct</b>	<b>Correct</b>
A number of Small Island Developing States (SIDS) have agreed to form a ‘Coalition for Nature’ for the implementation and adoption of the Global Biodiversity Framework (GBF) at the 15th Conference of Parties (COP15) to the Convention on Biological Diversity. The coalition is being led by Cabo Verde, Samoa and Seychelles.	The purpose of the SIDS Coalition is to underline how SIDS are home to a large portion of the world’s biodiversity and show that they have been using nature-based solutions and leading the world by example. It will also highlight how enhancing the means of implementation of SIDS will be strategic to save the planet.

**Context - Coalition for Nature was formed by Small Island Developing States at COP15 Montreal**

**Q.85) ‘Operation Vijay’, whose anniversary was held recently is related to**

- a) Liberation of Portuguese territories in India
- b) Disarmament of LTTE by the Indian forces

- c) Offensive operation launched on Pakistan during 1971
- d) Against the coup to overthrow Maldives' Government

**Q.85) Solution(a)**

Operation Vijay - a 36-hour military operation (started on December 18, 1961 and concluded on December 19, 1961), was about the liberation of the Portuguese territories of Goa, Daman and Diu. This was possibly the Indian armed forces' first tri-service operation.

**Context - December 19 is celebrated as Goa Liberation Day.**

**Q.86) Consider the following statements with respect to 'Kunming-Montreal Global Biodiversity Framework (GBF)'**

1. Countries are committed to protect 30% of land and 30% of coastal and marine areas by 2030 under the framework which has 30 targets
2. The text of the agreement provides a quantifiable target to reduce the negative impacts of pollution to atleast half of the current levels by 2050
3. The Global Environment Facility has been requested to establish a Special Trust Fund to support the implementation of the Global Biodiversity Framework

**Choose the correct answer using the code given below**

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

**Q.86) Solution(d)****Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Incorrect</b>	<b>Incorrect</b>	<b>Correct</b>
Countries committed to protecting 30% of land and 30% of coastal and marine areas by 2030, fulfilling the deal's highest-profile goal, known as 30-by-30. The deal also aspires to restore 30% of degraded lands and waters throughout the decade, up from an earlier aim of 20%. The framework has 23 targets that the world needs to achieve by 2030.	Overall, the Kunming-Montreal agreement will focus on reducing the negative impacts of pollution to levels that are not considered harmful to nature, but the text provides no quantifiable target here.	The Global Environment Facility has been requested to establish a Special Trust Fund to support the implementation of the Global Biodiversity Framework ("GBF Fund").

**Context - The 15th Conference of Parties (COP15) to the UN Convention on Biological Diversity (CBD) adopted the Kunming-Montreal Global Biodiversity Framework (GBF)**

**Q.87) Consider the following statements with respect to 'Carbon Markets'**

1. Entities in voluntary carbon markets are issued annual allowances or permits by governments equal to the emissions they can generate
2. Entities in compliance carbon markets compensate for their GHG emissions by purchasing carbon credits from an entity engaged in projects that reduce avoid emissions

**Select the correct statement(s)**

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

**Q.87) Solution(d)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Incorrect</b>	<b>Incorrect</b>
Voluntary markets are those in which emitters— corporations, private individuals, and others— buy carbon credits to offset the emission of one tonne of CO <sub>2</sub> or equivalent greenhouse gases. In a voluntary market, a corporation looking to compensate for its unavoidable GHG emissions purchases carbon credits from an entity engaged in projects that reduce, remove, capture, or avoid emissions.	Compliance markets— set up by policies at the national, regional, and/or international level— are officially regulated. Entities in this sector are issued annual allowances or permits by governments equal to the emissions they can generate.

**Context - Energy Conservation (Amendment) Bill, 2022 amends the Energy Conservation Act, 2001, to empower the Government to establish carbon markets in India and specify a carbon credit trading scheme.**

**Q.88) 'Orans' seen in news recently is a term used to refer to**

- a) Transition zones
- b) Sacred spaces
- c) Water conservation system
- d) Summer pastures



**Q.88) Solution(b)**

The orans are among the last natural habitats of the great Indian bustard. The open stretch of land, which receives long hours of sunlight and brisk winds, has become a hub of green energy with windmills and solar photovoltaic dotting it. They are community-conserved sacred spaces which are currently classified as wastelands.

**Context - Residents from around 40 villages of Jaisalmer, Rajasthan have walked 225 kilometres to protect community-conserved sacred spaces known as 'orans'. Currently, the biodiversity hotspots are classified as wastelands.**

**Q.89) Consider the following statements with respect to 'United Nations Committee on the Rights of the Child'**

1. The CRC is one of the UN human rights treaty-based bodies and reports to the United Nations General Assembly
2. The members are elected by the States party to the Convention but work in their personal capacity

**Select the correct statement(s)**

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

**Q.89) Solution(c)****Statement Analysis:**

Statement 1	Statement 2
<b>Correct</b>	<b>Correct</b>
The CRC is one of the ten UN human rights treaty-based bodies. Once a year, the Committee submits a report to the Third Committee of the United Nations General Assembly, which also hears a statement from the CRC Chair, and the Assembly adopts a Resolution on the Rights of the Child.	The members of the Committee shall be elected by States parties from among their nationals and shall serve in their personal capacity, consideration being given to equitable geographical distribution, as well as to the principal legal systems. Members serve in their personal capacity and may be re-elected if nominated.

**Context – The committee was in news.**

**Q.90) Consider the following statements with respect to 'Anti-Maritime Piracy Bill 2019'**

1. It enables Indian authorities to take action against piracy in the high seas beyond the Exclusive Economic Zone (EEZ)
2. The central government in consultation with the Chief Justice of the concerned High Court may notify Respective High Court as the Designated Courts under this Bill
3. The Bill defines piracy as any illegal act of violence committed against a ship, aircraft, person or property by the crew or passengers of a private ship or aircraft

**Choose 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 the above

**Q.90) Solution(c)****Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Incorrect</b>	<b>Correct</b>
The Bill enables Indian authorities to take action against piracy in the high seas. The Bill brings into law the UN Convention on the Law of the Sea. It applies to the sea beyond the Exclusive Economic Zone (EEZ), i.e., beyond 200 nautical miles from India's coastline.	The central government, in consultation with the Chief Justice of the concerned High Court, may notify Sessions Courts as the Designated Courts under this Bill. The Designated Court will try offences committed by: (i) a person in the custody of the Indian Navy or Coast Guard, regardless of his nationality, (ii) a citizen of India, a resident foreign national in India, or a stateless person. Further, the Court may try a person even if the person is not physically present in the Court.	The Bill defines piracy as any illegal act of violence, detention, or destruction committed against a ship, aircraft, person or property, for private purposes, by the crew or passengers of a private ship or aircraft. Such acts may be carried out in the high seas (beyond the Exclusive Economic Zone of India) or any place outside the jurisdiction of India

**Context - Anti-Maritime Piracy Bill 2019 was passed almost unanimously recently**

**Q.91) Consider the following statements with respect to 'AYURSWASTHYA Yojana'**

1. It is a Central Sector Scheme under the Ministry of Ayush

2. The Centre of Excellence component of the scheme provides assistance up to twenty crores for a period of three years

**Select the correct statement(s)**

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

**Q.91) Solution(a)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Correct</b>	<b>Incorrect</b>
The Ministry of Ayush is running a Central Sector Scheme namely, AYURSWASTHYA Yojana with two components (i) AYUSH and Public Health (PHI) and (ii) Centre of Excellence (CoE) from the Financial Year 2021-22	The maximum admissible financial assistance under the Centre of Excellence component of AYURSWASTHYA Yojana, to an organization/institute is Rs.10.00 crores for maximum period of three years.

**Context - Status of centres of excellence scheme 'AYURSWASTHYA Yojana' was in news.**

**Q.92) With reference to 'Digital India Awards 2022', consider the following statement(s)**

- 1. These awards are instituted under the aegis of National Informatics Centre (NIC) to encourage innovative digital solutions by government entities at all levels
- 2. The Awards are conducted by the National Portal of India under the Ministry of Electronics & Information Technology (MeitY)

**Select the correct statement(s)**

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

**Q.92) Solution(d)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Incorrect</b>	<b>Incorrect</b>
These awards are instituted under the aegis of National Portal of India to encourage and honour innovative digital solutions by government entities at all levels. DIA 2022 aims to inspire and motivate not only government entities but also start-ups in fulfilling the Digital India vision.	The Awards instituted in 2009 are one of a kind in India for honouring the efforts of different Government entities in the digital realm. These are conducted by the National Informatics Centre (NIC) under the Ministry of Electronics & Information Technology (MeitY). The seventh edition of Digital India Awards (DIA) is being held in 2022.

### Context - India's Smart Cities Mission wins the Platinum Icon in Digital India Awards 2022

**Q.93) 'INS Vagir' delivered to the Indian Navy recently is a**

- a) Guided missile destroyer
- b) Scorpene class submarine
- c) Aircraft carrier
- d) Offshore patrol vessels

**Q.93) Solution(b)**

The fifth submarine of the Project – 75, Kalvari Class submarines, Yard 11879 was delivered to the Indian Navy. Project – 75 includes indigenous construction of six submarines of Scorpene design. These submarines are being constructed at Mazagon Dock Shipbuilders Limited (MDL) Mumbai, under collaboration with M/s Naval Group, France.

### Context - DELIVERY OF FIFTH SCORPENE SUBMARINE 'VAGIR' TO INDIAN NAVY

**Q.94) Consider the following statements with respect to 'Genome Sequencing'**

1. It is the process of determining the entirety of the DNA sequence of an organism's genome at a single time
2. Genome sequencing can only determine the likelihood that genetic material came from a particular individual or group
3. Almost any biological sample containing a full copy of the DNA—like saliva, epithelial cells, seeds can be used for sequencing the genome

**Choose the correct answer using the code given below**

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

**Q.94) Solution(a)****Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Incorrect</b>	<b>Correct</b>
Whole genome sequencing (WGS), also known as full genome sequencing, complete genome sequencing, or entire genome sequencing, is the process of determining the entirety, or nearly the entirety, of the DNA sequence of an organism's genome at a single time. This entails sequencing all of an organism's chromosomal DNA as well as DNA contained in the mitochondria and, for plants, in the chloroplast.	Whole genome sequencing should not be confused with DNA profiling, which only determines the likelihood that genetic material came from a particular individual or group, and does not contain additional information on genetic relationships, origin or susceptibility to specific diseases. When an individual undergoes whole genome sequencing, they reveal information about not only their own DNA sequences, but also about probable DNA sequences of their close genetic relatives.	Almost any biological sample containing a full copy of the DNA—even a very small amount of DNA or ancient DNA—can provide the genetic material necessary for full genome sequencing. Such samples may include saliva, epithelial cells, bone marrow, hair (as long as the hair contains a hair follicle), seeds, plant leaves, or anything else that has DNA-containing cells.

**Context - The Central government has recently asked States and Union Territories to increase genome sequencing of positive samples amid a rise in COVID cases in China, Japan, the United States, Korea and Brazil.**

**Q.95) Consider the following statements with respect to 'Rule 267 of Rajya Sabha'**

1. The Rule gives special power to a Rajya Sabha member to suspend the pre-decided agenda of the House with the approval of the Chairman
2. It is an extraordinary tool and has been only twice in the last decade
3. The Rule shall still apply even when a specific provision already exists for suspension of a rule under a particular chapter of the Rules

**Choose the correct answer using the code given below**

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

**Q.95) Solution(c)****Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Incorrect</b>	<b>Incorrect</b>
The Rule gives special power to a Rajya Sabha member to suspend the pre-decided agenda of the House, with the approval of the Chairman. The Rajya Sabha Rule Book says, "Any member, may, with the consent of the Chairman, move that any rule may be suspended in its application to a motion related to the business listed before the Council of that day.	Usually, such requests are not accepted by the chairman, with 3 exceptions in 2015 and 2016. The last time the rule was used to request a discussion was in November 2016 – the issue in question being 'demonetisation'.	If the motion is carried, the rule in question shall be suspended for the time being: provided further that this rule shall not apply where specific provision already exists for suspension of a rule under a particular chapter of the Rules".

**Context - Rule 267 became the bone of contention in Rajya Sabha after six such notices were declined by Chairman Jagdeep Dhankhar**

**Q.96) Consider the following statements with respect to 'Urban-20 Summit'**

1. It is a city diplomacy initiative launched at the previous G-20 summit in Bali, Indonesia
2. C40 Cities (C40) and United Cities and Local Governments (UCLG) convene the U20 under the leadership of a Chair city that rotates annually

**Select the correct statement(s)**

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

**Q.96) Solution(b)****Statement Analysis:**

Statement 1	Statement 2
<b>Incorrect</b>	<b>Correct</b>
It is a city diplomacy initiative launched on December 12, 2017, at the One Planet Summit in Paris. Urban-20 (U20) provides a platform for cities from G20 countries to facilitate discussions	C40 Cities (C40) and United Cities and Local Governments (UCLG) convene the U20 under the leadership of a

on various important issues of urban development including climate change, social inclusion, sustainable mobility, and affordable housing, and propose collective solutions.

Chair city that rotates annually, based in the G20 host country.

**Context - Urban-20 (U20) event being organised under G20 presidency of India**

**Q.97) 'Vainu Bappu Observatory' recently seen in news is located in**

- a) Kerala
- b) Uttarakhand
- c) Tamil Nadu
- d) Ladakh

**Q.97) Solution(c)**

The several stellar discoveries of the 40-inch telescope at the Vainu Bappu Observatory in Kavalur, Tamil Nadu, were highlighted at the celebration of its 50 years of operation on 15-16 December. The telescope set up by Professor Vainu Bappu has played a significant role in astronomy with major discoveries like the presence of rings around the planet Uranus, a new satellite of Uranus, the presence of an atmosphere around Ganymede which is a satellite of Jupiter. Other important research conducted with this telescope includes the discovery and study of many 'Be stars', Lithium depletion in giant stars, optical variability in Blazars, the dynamics of the famous supernova SN 1987A and so on.

**Context - Stellar discoveries of the 40-inch telescope at the Vainu Bappu Observatory in Kavalur highlighted at 50-year celebration**

**Q.98) With reference to 'Dokra Metal Crafts', consider the following statements**

1. Dokra is a form of ancient bell metal craft practiced in states like Telangana
2. It has a documented history of about 5,000 years and the making combines metallurgical skills with that of lost wax technique

**Select the INCORRECT statement(s)**

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

**Q.98) Solution(d)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Correct</b>	<b>Correct</b>
Dhokra is a form of ancient bell metal craft practiced by the Ojha metal smiths living in states like Jharkhand, Chhattisgarh, Odisha, West Bengal and Telangana. However, the style and also the workmanship of this artisan community varies in different states.	Dhokra or Dokra, is also known as bell metal craft. Its documented history is about 5,000 years old. The method of making Dokra is done by combining the metallurgical skills with that of the lost wax technique.

**Context - Lalbazar, on the boundary with Jharkhand, is becoming a hub for dokra metalcraft**

**Q.99) Consider the following statements with respect to 'Directorate General of Trade Remedies (DGTR)'**

1. Directorate General of Trade Remedies (DGTR) was created by amending The Foreign Trade (Development and Regulation) Act, 1992
2. It will also provide trade defence support to our domestic industry and exporters in dealing with increasing instances of trade remedy investigations
3. The recommendation of DGTR for imposition of Anti-dumping, countervailing & Safeguard duties would be implemented by the Department of Commerce

**Choose the correct answer using the code given below**

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

**Q.99) Solution(b)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Incorrect</b>	<b>Correct</b>	<b>Incorrect</b>
The Government of India carried out an Amendment to the Government of India (Allocation of Business) Rules, 1961 on May 7, 2018 substituting "Directorate General of Trade Remedies" in place of "Directorate General of Anti-Dumping and	The DGTR will bring DGAD, DGS and Safeguards (QR) functions of DGFT into its fold by merging them into one single national entity. DGTR will deal with Anti-dumping, CVD and Safeguard measures. It will also provide trade defence support to our domestic industry and exporters in dealing with increasing	The DGTR will function as an attached office of Department of Commerce. The recommendation of DGTR for imposition of Anti-dumping, countervailing & Safeguard duties would be considered by the Department of Revenue. While the DGTR recommends the duty to be levied, the Finance Ministry imposes it.



Allied Duties” in Department of Commerce.	instances of trade remedy investigations instituted against them by other countries. The creation of DGTR will provide a level playing field to the domestic industry.	
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**Context - DGTR recommends anti-dumping duty on viscose fibre from Indonesia**

**Q.100) Consider the following pairs**

**Scheduled Tribe : State**

1. Hatti : Telangana
2. Binjhia : Chattisgarh
3. Narikoravan : Tamil Nadu
4. Betta Kuruba : Karnataka

**Which of the Pair(s) given above are correctly matched**

- a) Only one pair
- b) Only two pairs
- c) Only three pairs
- d) All the pairs

**Q.100) Solution(c)**

Hatti	Himachal Pradesh
Binjhia	Chattisgarh
Narikoravan	Tamil Nadu
Betta Kuruba	Karnataka

**Context – All these communities were added to the ST list recently**

**Q.101) Consider the following statements with respect to ‘Adjournment Sine Die’**

1. Adjournment sine die means terminating a sitting of Parliament for an indefinite period
2. The power of adjournment sine die lies with the President
3. No session of the House can be called at any time after the House has been adjourned sine die

**Choose the correct answer using the code given below**

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

- c) 1 and 3 only
- d) All the above

**Q.101) Solution(a)****Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Incorrect</b>	<b>Incorrect</b>
Adjournment sine die means terminating a sitting of Parliament for an indefinite period i.e. without naming a day for reassembly.	The power of adjournment sine die lies with the presiding officer of the House.	The presiding officer of the House can also call a sitting of the House before the date or time to which it has been adjourned or at any time after the House has been adjourned sine die.

**Context - Winter Session of Parliament concludes as both Houses adjourned sine-die, ahead of schedule**

**Q.102) Consider the following statements with respect to 'Indian Knowledge System (IKS)'**

1. Indian Knowledge System (IKS) is an innovative cell under Ministry of AYUSH to preserve traditional knowledge
2. Centre for Policy Studies and The Centre for Indological Studies and Research are some of the institutions working in IKS

**Select the correct statement(s)**

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

**Q.102) Solution(b)****Statement Analysis:**

Statement 1	Statement 2
<b>Incorrect</b>	<b>Correct</b>
Indian Knowledge System (IKS) is an innovative cell under Ministry of Education (MoE) at AICTE, New Delhi. It will actively engage for spreading the rich heritage of our country and traditional knowledge in the field of Arts and literature, Agriculture, Basic Sciences, Engineering & Technology, Architecture, Management, Economics, etc.	Centre for Policy Studies and The Centre for Indological Studies and Research are some of the institutions working in IKS

**Context -** The Kerala State Higher Education Council (KSHEC) has recently constituted a committee to formulate an expert opinion on the University Grants Commission (UGC)'s draft guidelines for faculty training on Indian knowledge system (IKS).

**Q.103) With reference to 'Green Rating for Integrated Habitat Assessment (GRIHA)', consider the following statements**

1. It is a national rating system for green buildings in India jointly set up by The Energy and Resources Institute (TERI) and the Ministry of New and Renewable Energy
2. The rating system has been developed to evaluate buildings from pre-construction stage till building operation and maintenance stage

**Select the correct statement(s)**

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

**Q.103) Solution(c)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Correct</b>	<b>Correct</b>
GRIHA (Green Rating for Integrated Habitat Assessment) is a national rating system for green buildings in India. It was jointly set up by The Energy and Resources Institute (TERI) and the Ministry of New and Renewable Energy.	The system has been developed to help 'design and evaluate' new buildings (buildings that are still at the inception stages). A building is assessed based on its predicted performance over its entire life cycle – inception through operation. The stages of the life cycle that have been identified for evaluation are: Pre-construction stage: (intra- and inter-site issues like proximity to public transport, type of soil, kind of land, where the property is located, the flora and fauna on the land before construction activity starts, the natural landscape and land features). Building planning and construction stages: (issues of resource conservation and reduction in resource demand, resource utilization efficiency, resource recovery and reuse, and provisions for occupant health and well-being). Building operation and maintenance stage: (issues of operation and maintenance of building systems and processes, monitoring and recording of energy consumption, and occupant health and well-being, and also issues that affect the global and local environment).

**Context - The Unique Identification Authority of India (UIDAI) Headquarter in New Delhi has won the prestigious GRIHA Exemplary Performance Award 2022**

**Q.104) 'Dance to Decarbonise' an event which was held recently was organized by**

- a) Ministry of New and Renewable Energy
- b) Ministry of Environment, Forests and Climate Change
- c) Ministry of Road Transport and Highways
- d) Ministry of Petroleum and Natural Gas

**Q.104) Solution(d)**

The Petroleum and Natural Gas Ministry will organise a one of its kind musical event, Dance to Decarbonise, National Stadium in New Delhi today. The Ministry has informed that the renewable energy generated through dance will be used to charge electric vehicles. The event aims at showcasing India's target of achieving net-zero emissions by 2070 weighing against the country's growing economy, rising energy requirements, and the implementation of responsible energy sources over transformational energy systems for the future.

**Context - The Petroleum and Natural Gas Ministry organized a one of its kind musical event, Dance to Decarbonise in New Delhi**

**Q.105) Consider the following statements with regard to 'Earthquake vulnerability in India'**

1. More than three-fourths of the landmass of India (covering all states) is prone to earthquakes of different shaking intensities
2. India has been divided into four zones according to the seismic zoning map of India prepared by the Geological Survey of India
3. The emergence of a fault line and energy build-up along the fault line of the river Bhima (Krishna) could be one of the reasons for earthquakes in India

**Choose the correct answer using the code given below**

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

**Q.105) Solution(d)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
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Incorrect	Incorrect	Correct
A total of ~59% of the land mass of India (covering all states of India) is prone to earthquakes of different intensities.	India has been divided into four zones — II, III, IV and V — according to the seismic zoning map of India prepared by the Bureau of Indian Standards (BIS). Zone V is seismically the most active region, while Zone II is the least. Around 11 per cent of the country falls in Zone V, 18 per cent in Zone IV, 30 per cent in Zone III and the remaining in Zone II.	Some earth scientists have come up with a theory of the emergence of a fault line and energy build-up along the fault line of the river Bhima (Krishna) near Latur and Osmanabad (Maharashtra) could be one of the reasons for earthquakes in India

**Context – Around 60% of the landmass of India (covering all states) is prone to earthquakes of different shaking intensities according to the Union Minister of State (independent charge) for S&T and Earth Sciences**

**Q.106) Consider the following statements with respect to ‘Facial recognition technology’**

1. It refers to the technology capable of identifying or verifying a subject through an image or video of the face
2. The accuracy of facial recognition systems as a biometric technology is higher than iris recognition and fingerprint recognition
3. Currently there is no law in India to regulate facial recognition and manage data related to such technology

**Choose the correct answer using the code given below**

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

**Q.106) Solution(a)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Incorrect</b>	<b>Incorrect</b>
Facial recognition refers to the technology capable of identifying or verifying a subject through an image, video, or any audiovisual element of the face. Generally, this identification is	Because computerized facial recognition involves the measurement of a human's physiological characteristics, facial recognition systems are categorized as biometrics.	Section 43A of the Information Technology Act, 2000 provides that a body corporate which possesses or deals or handles any sensitive personal data or information in a computer

<p>used to access an application, system, or service and it works like a face scanner. It is a method of biometric identification that uses that body measures, in this case, face and head, to verify the identity of a person through its facial biometric pattern and data.</p>	<p>Although the accuracy of facial recognition systems as a biometric technology is lower than iris recognition and fingerprint recognition, it is widely adopted due to its contactless process.</p>	<p>resource owned or controlled or operated by it is liable to compensate an affected person for causing wrongful loss or wrongful gain to any person due to negligence in implementing and maintaining reasonable security practices and procedures. Government, in exercise of its powers under the said section, has prescribed the rules regarding sensitive personal data or information as well as the reasonable security practices and procedures to be complied with. Thus, law to regulate facial recognition technology and manage data related to such technology is in place.</p>
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**Context – The technology was in news**

**Q.107) Consider the following statements with respect to 'National Food Security Act, 2013'**

1. The NFSA covers 50 per cent of the urban population and 75 per cent of the rural population
2. The priority households are entitled to fixed quota of foodgrains per month irrespective of the number of family members unlike the Antyodaya Anna Yojana beneficiaries
3. There is a provision for food security allowance to entitled beneficiaries in case of non-supply of entitled foodgrains or meals

**Choose the correct answer using the code given below**

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

**Q.107) Solution(c)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
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Correct	Incorrect	Correct
The NFSA covers 50 per cent of the urban population and 75 per cent of the rural population	There are two categories of beneficiary households under the NFSA – Antyodaya Anna Yojana (AAY) and the Priority Households. While the AAY households are entitled to 35 kg of foodgrains per month irrespective of the number of family members, the priority households get foodgrains depending on the number of family members (each member 5 kg per month).	There is a provision for food security allowance to entitled beneficiaries in case of non-supply of entitled foodgrains or meals. Further, there is a provision for penalty on public servant or authority, to be imposed by the State Food Commission, in case of failure to comply with the relief recommended by the District Grievance Redressal Officer.

**Context - Covid's PMGKAY merged with NFSA entitlement of 5 kg per person per month**

**Q.108) With reference to 'NIRMAN Accelerator Program', consider the following statements**

1. The accelerator program is launched by the Department of Science and Technology (DST) under the Ministry of Science & Technology through its NIDHI scheme
2. The programme will focus on the manufacturing startups engaged in artificial intelligence and robotics

**Select the correct statement(s)**

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

**Q.108) Solution(d)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Incorrect</b>	<b>Incorrect</b>
NIRMAN Accelerator Program was launched by Start-ups Incubation and Innovation Centre (SIIC) IIT Kanpur. The accelerator program is supported by the Department of Science and Technology (DST) under the Ministry of Science & Technology through its NIDHI scheme.	The programme will focus on the manufacturing startups engaged in healthcare and agriculture domains to help them overcome the challenges from their prototype-to-market journey. The best-performing startups among the cohort of 15 startups will receive a cash award of up to ₹1 million.

**Context - The Ministry of Science and Technology has said that 15 Startups are selected for the NIRMAN accelerator program**

**Q.109) 'Cryomesh', a term seen in news recently is used in the context of**

- Surgical repair
- Restoration of corals
- Protection from ionizing radiation
- Measuring pollution levels

**Q.109) Solution(b)**

Cryomesh is a specially fabricated mesh used as substrate in cryopreservation. This is lightweight and can be manufactured cheaply. It better preserves coral and has the properties of cryoplates. The mesh technology will help store coral larvae at  $-196^{\circ}\text{C}$  ( $-320.8^{\circ}\text{F}$ ).

**Context - Scientists used the cryomesh to freeze coral larvae at the Australian Institute of Marine Sciences (AIMS).**

**Q.110) Consider the following statements with respect to 'iNCOVACC – intranasal vaccine'**

- It is a recombinant replication-deficient adenovirus vectored vaccine with a pre-fusion stabilized spike protein
- It is developed by Serum Institute of India and approved only as a primary dose

**Select the INCORRECT statement(s)**

- 1 only
- 2 only
- Both 1 and 2
- Neither 1 nor 2

**Q.110) Solution(b)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Correct</b>	<b>Incorrect</b>
The nasal vaccine is a recombinant replication-deficient adenovirus vectored vaccine with a pre-fusion stabilized spike protein. Unlike-Covaxin, which is an inactivated coronavirus injected along with an adjuvant, iNCOVACC is an adenovirus vectored vaccine with a pre-fusion stabilized spike protein which is more like the technology employed in the Covishield vaccines.	It is co-developed by Bharat Biotech and Washington University. It is approved both as a primary dose and a heterologous booster.



**Context - World's first nasal Covid vaccine set for roll out****Q.111) Consider the following statements with respect to 'Srimukhalingam Temple'**

1. This temple was built in Kalinga architectural style by the founder of the Eastern Ganga dynasty - Anantavarman Chodaganga
2. Initially dedicated to Lord Shiva, Saint Ramanuja is said to have converted Srimukhalingam into a Vaishnavite temple
3. The temple lying on the banks of river Vamsadhara has the Trinity of Madhukeswara, Someswara and Bheemeswara Temples

**Choose the correct answer using the code given below**

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

**Q.111) Solution(d)****Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Incorrect</b>	<b>Incorrect</b>	<b>Correct</b>
This temple is built in Kalinga architectural style. The main temple of Srimukhalingam is believed to have been built by Eastern Ganga Dynasty King Kamaranava deva II, great grand father of Anantavarman Chodaganga Deva of Kalinga.	Srikurmam is the only Indian temple in the world where Vishnu is worshiped in his Kurma avatar. Initially dedicated to Shiva and referred to as Kurmeswara temple, Ramanuja is said to have converted Srikurmam into a Vaishnavite temple in the 11th century AD.	The Trinity of Madhukeswara, Someswara and Bheemeswara Temples are a testimony to the Magnificent architectural skills of Kalinga Kings. Sri Mukhalingam, which is on the banks of River Vamsadhara, was the capital of Kalinga Ganga Kings for over 600 years.

**Context - Srimukhalingam temple chief priest urged the Archaeological Survey of India (ASI) to get the historic Siva temple included in UNESCO's list of World Heritage Sites****Q.112) Consider the following statements with respect to 'Central Pollution Control Board'**

1. It was established and entrusted with the powers and functions under the Air (Prevention and Control of Pollution) Act, 1981
2. The board is led by its Chairperson appointed by the Appointments Committee of the Cabinet of the Government of India

3. The CPCB has delegated its powers and functions with respect to Union Territories to respective local administrations

Choose 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 the above

**Q.112) Solution(b)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Incorrect</b>	<b>Correct</b>	<b>Correct</b>
The Central Pollution Control Board (CPCB) of India is a statutory organization under the Ministry of Environment, Forest and Climate Change (Mo.E.F.C.C.). It was established in 1974 under the Water (Prevention and Control of pollution) Act, 1974. The CPCB is also entrusted with the powers and functions under the Air (Prevention and Control of Pollution) Act, 1981	It is the apex organization in country in the field of pollution control as a technical wing of MoEFCC. The board is led by its Chairperson appointed by the Appointments Committee of the Cabinet of the Government of India	The CPCB has delegated its powers and functions under the Water (Prevention and Control of Pollution) Act, 1974, the Water (Prevention and Control of Pollution) Cess Act, 1977 and the Air (Prevention and Control of Pollution) Act, 1981 with respect to Union Territories to respective local administrations. CPCB along with its counterparts State Pollution Control Boards (SPCBs) are responsible for implementation of legislations relating to prevention and control of environmental pollution.

**Context - The number of polluted stretches in India's rivers has fallen from 351 in 2018 to 311 in 2022 though the number of most polluted stretches is practically unchanged, according to a report from the Central Pollution Control Board (CPCB)**

**Q.113) With reference to 'Kala Azar disease', consider the following statements**

- 1. It is a disease caused by protozoan parasite of the genus Leishmania
- 2. The life cycle of Leishmania is completed in two hosts - humans and sandflies

Select the correct statement(s)

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

**Q.113) Solution(c)****Statement Analysis:**

Statement 1	Statement 2
<b>Correct</b>	<b>Correct</b>
Visceral leishmaniasis also known as kala-azar or "black fever", is the most severe form of leishmaniasis and, without proper diagnosis and treatment, is associated with high fatality. Leishmaniasis is a disease caused by protozoan parasites of the genus Leishmania.	The life cycle of Leishmania is completed in two hosts, humans and sandflies. The adult female sandfly is a bloodsucker, usually feeding at night on sleeping prey. When the fly bites an individual infected with Leishmania, the pathogen is ingested along with the prey's blood. Once inside the human host, promastigotes invade macrophages. Inside the cells they transform back into the smaller amastigote form.

**Context - In his Mann Ki Baat programme on All India Radio, Prime Minister Narendra Modi emphasised that India has eradicated diseases like Smallpox, Polio and 'Guinea Worm'. He spoke about Kala Azar, another disease which is about to be eradicated.**

**Q.114) Consider the following statements**

1. Cess are resorted to only for specified purposes and it is discontinued when the purpose for levying it is fulfilled
2. Cess is levied only on direct taxes and all the cesses are utilized by the Central Government

**Select the correct statement(s)**

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

**Q.114) Solution(a)****Statement Analysis:**

Statement 1	Statement 2
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Correct	Incorrect
They are resorted to only for a specific purpose and are to be discontinued after the objective is fulfilled. A cess is an additional tax levied by the government to raise funds for a specific purpose. Major cesses include the health and education cess, additional excise duties on petrol and diesel, road and infrastructure cess, national calamity contingent duty, cesses on crude oil and exports.	Cess can be levied both on direct and indirect taxes. Cesses and surcharges, are not part of the divisible tax pool that is shared with states. Only GST compensation cess, which are wholly appropriated by the states under a revenue guarantee mechanism.

### Context - CAG finds short-transfers of cess funds by Centre

#### Q.115) 'Bomb cyclones' seen in news recently are triggered mostly when

- Sea surface temperature rises
- Wind speed increases drastically
- Atmospheric pressure drops rapidly
- Tectonic movement occurs

#### Q.115) Solution(c)

Storms can form when a mass of low-pressure air meets a high-pressure mass. The air flows from high pressure to low, creating winds. What defines a bomb cyclone is how rapidly the pressure drops in the low-pressure mass — by at least 24 millibars in 24 hours. This quickly increases the pressure difference, or gradient, between the two air masses, making the winds stronger. This process of rapid intensification has a name: bombogenesis.

### Context – Atleast 24 persons were killed after a bomb cyclone struck United States of America

#### Q.116) Consider the following statements with respect to 'Trademarks'

- It is typically a name, word, phrase, logo, symbol, design, image, or a combination of these elements
- Unlike patents which are granted for a period of twenty years, a trademark is granted rights indefinitely once registered
- The Trade Marks Registry which was established under Trade Marks Act, 1999 aims to prevent fraudulent use of the mark and also provides for protection

#### Choose the correct answer using the code given below

- 1 only
- 1 and 2 only
- 1 and 3 only

d) 2 and 3 only

**Q.116) Solution(a)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Incorrect</b>	<b>Incorrect</b>
A trademark is typically a name, word, phrase, logo, symbol, design, image, or a combination of these elements. There is also a range of non-conventional trademarks comprising marks which do not fall into these standard categories, such as those based on color, smell, or sound (like jingles).	Trademark is different from a patent in terms of duration. A patent is granted for a period of 20 years whereas a Trademark is granted only for a period of ten years. The repetitive use of the Trademark makes it synonymous with the company's name.	The Trade Marks Registry was established in India in 1940 and presently it administers the Trade Marks Act, 1999 and the rules thereunder. It acts as a resource and information centre and is a facilitator in matters relating to trade marks in the country. The objective of the Trade Marks Act, 1999 is to register trade marks applied for in the country and to provide for better protection of trade mark for goods and services and also to prevent fraudulent use of the mark. The main function of the Registry is to register trade marks which qualifies for registration under the Act and Rules.

**Context - The Delhi High Court, in the case of Hamdard National Foundation (India) vs Sadar Laboratories Pvt. Ltd., restrained Sadar Laboratories from manufacturing and selling beverages under the impugned trademark 'Dil Afza'.**

**Q.117) With reference to 'Cold Wave', consider the following statements**

1. Cold wave is declared by the Indian Meteorological Department if the minimum temperature dips to four degrees Celsius in the hilly regions
2. IMD provides colour coded classification based on the severity of the cold wave just like it provides for any other weather events

**Select the correct statement(s)**

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

d) Neither 1 nor 2

**Q.117) Solution(b)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Incorrect</b>	<b>Correct</b>
The IMD declares a cold wave in the plains if the minimum temperature dips to 4 degrees Celsius. A cold wave is also announced when the minimum temperature is 10 degrees Celsius or below and is 4.5 notches below normal. For hilly regions, a cold wave is declared when the minimum temperature is less than or equal to 0 degree Celsius and the minimum temperature is 4.5 degrees to 6.4 degrees below the normal.	IMD provides colour coded classification based on the severity of the cold wave just like it provides for any other weather events. It is classified into 4 categories – Green, Yellow, orange and Red.

**Context - India Meteorological Department (IMD) has recently said that the Cold wave conditions will continue in Northern India for few more days.**

**Q.118) Consider the following statements with respect to 'The National Commission for Protection of Child Rights (NCPCR)'**

1. It is a statutory body set up under the Juvenile Justice (Care & protection of Children) Act, 2015
2. The Commission ensures that all laws, policies and programmes align with the Child Rights perspective as enshrined in the UN Convention on the Rights of the Child
3. It can take suo motu notice of matter relating to deprivation and violation of child rights with appropriate authorities

**Choose 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 the above

**Q.118) Solution(b)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Incorrect</b>	<b>Correct</b>	<b>Correct</b>

<p>It is an Indian statutory body established by an Act of Parliament – the Commission for Protection of Child Rights (CPCR) Act, 2005. The Commission works under the aegis of the Union Ministry of Women and Child Development and became operational in 2007.</p>	<p>It is mandated to ensure that all Laws, Policies, Programmes, and Administrative Mechanisms are in consonance with the Child Rights perspective as enshrined in the Indian Constitution and the UN Convention on the Rights of the Child.</p>	<p>The Commission shall Inquire into complaints and take suo motu notice of matter relating to : Deprivation and violation of child rights; Non implementation of laws providing for protection and development of children; Non compliance of policy decisions, guidelines or instructions aimed at mitigating hardships to and ensuring welfare of the children and provide relief to such children; Or take up the issues rising out of such matters with appropriate authorities.</p>
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**Context - NCPCR warned NGOs against depiction of vulnerable children for fundraising**

**Q.119) 'Geoglyphs', a term recently seen in news are related to**

- a) Fossil substances
- b) Boundary between two plates
- c) Astroblemes
- d) Pre-historic art

**Q.119) Solution(d)**

Geoglyphs are a form of prehistoric rock art, created on the surface of laterite plateaus. They are made by removing a part of the rock surface through an incision, picking, carving or abrading. They can be in the form of rock paintings, etchings, cup marks and ring marks.

**Context - Clusters of geoglyphs are spread across the Konkan coastline in Maharashtra and Goa, spanning around 900 km.**

**Q.120) Consider the following statements with respect to 'The National Mobile Monitoring System (NMMS)'**

1. It permits tracking a Government worker using their location based on GPS enabled on their mobile devices from a remote location
2. It was launched by The Ministry of Electronics and Information Technology

**Select the correct statement(s)**

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

**Q.120) Solution(d)****Statement Analysis:**

Statement 1	Statement 2
<b>Incorrect</b>	<b>Incorrect</b>
The NMMS App permits taking real time attendance of workers at Mahatma Gandhi NREGS worksites along with geotagged photograph. This will increase citizen oversight of the programme besides potentially enabling processing payments faster	It was launched by the Ministry of Rural Development.

**Context - Centre makes digitally capturing MGNREGA attendance universal from January 1**

**Q.121) Consider the following statements with respect to 'Asian Development Bank'**

1. ADB has more than 60 member countries
2. China is the largest shareholder in ADB
3. ADB does not have any members from outside Asia

**Choose the correct answer using the code given below**

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

**Q.121) Solution(a)****Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Incorrect</b>	<b>Incorrect</b>
The Asian Development Bank (ADB) is a regional development bank headquartered in Manila, Philippines. The bank admits the members of the United Nations Economic and Social Commission for Asia and the Pacific and non-regional	Japan and the United States each hold the largest proportion of shares at 15.571%. China holds 6.429%, India holds	ADB has 68 members: 49 members from the Asian and Pacific



developed countries. From 31 members at its establishment, ADB now has 68 members.

6.317%, and Australia holds 5.773%

Region, 19 members from Other Regions.

**Context - The Government of India and Asian Development Bank (ADB) today signed a \$125 million loan to develop climate-resilient sewage collection and treatment, and drainage and water supply systems in three cities in the state of Tamil Nadu**

**Q.122) With reference to 'Green Methanol', consider the following statements**

1. It is a high-carbon fuel that can be made from either biomass gasification or renewable electricity and captured carbon dioxide (CO<sub>2</sub>)
2. It can be used for storing renewable electricity and also as a substitute fuel for maritime fuel applications

**Select the correct statement(s)**

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

**Q.122) Solution(b)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Incorrect</b>	<b>Correct</b>
Green methanol is methanol that is produced renewably and without polluting emissions, one of its variants being generated from green hydrogen. It is a low-carbon fuel that can be made from either biomass gasification or renewable electricity and captured carbon dioxide (CO <sub>2</sub> ).	Green Methanol has a wide range of applications, including serving as a base material for the chemical industry, storing renewable electricity, and even as a transportation fuel. It is also considered as a substitute fuel for maritime fuel applications.

**Context - NTPC and Tecnimont sign MOU to explore possibility to develop Green Methanol Production**

**Q.123) 'Lachin Corridor' recently seen in news connects**

- a) Myanmar and Bangladesh
- b) Russia and China
- c) Israel and Syria
- d) Armenia and Azerbaijan

**Q.123) Solution(d)**

The Lachin corridor is a mountain road that links Armenia and the enclave of Nagorno-Karabakh. Being the only road between these two territories, it is has been often described as a "lifeline" for the residents of Nagorno-Karabakh. The corridor is de jure in the Lachin District of Azerbaijan, but is under the control of a Russian peacekeeping force as provided for in the 2020 Nagorno-Karabakh armistice agreement.

**Context – It was recently in news**

**Q.124) Consider the following statements regarding 'Rules of Origin'**

1. Rules of origin are the criteria needed to determine the national source of a product
2. General Agreement on Tariffs and Trade (GATT) has specific rules governing the determination of the country of origin of goods in international commerce.
3. Customs (Administration of Rules of Origin under Trade Agreements) Rules, 2020 which govern rules of origin exempts countries with which India has signed Free Trade Agreements from its ambit

**Choose the correct answer using the code given below**

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

**Q.124) Solution(c)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Incorrect</b>	<b>Incorrect</b>
Rules of origin are the criteria needed to determine the national source of a product. Their importance is derived from the fact that duties and restrictions in several cases depend upon the source of imports.	GATT has no specific rules governing the determination of the country of origin of goods in international commerce. Each contracting party was free to determine its own origin rules, and could even maintain several different rules of origin depending on the purpose of the particular regulation.	Customs (Administration of Rules of Origin under Trade Agreements) Rules, 2020 implements the commitment to protect the domestic industry from misuse of Free Trade Agreements (FTAs) As per the revised rules, the country importing goods will have to present evidence of the country of origin. This will support the importer to correctly ascertain the country of origin, properly claim the concessional duty and assist customs authorities in ensuring smooth

	clearance of legitimate imports. Stricter rules have been laid down for timelines for initiating and expeditious conclusions of origin related verification
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**Context - Customs notifies Rules of Origin for India-Australia trade pact**

**Q.125) Consider the following statements with respect to 'Pandit Madan Mohan Malviya'**

1. He espoused free and compulsory primary education and supported the nationalisation of railways
2. He founded an English daily named 'Leader' following the enactment of Vernacular Press Act of 1878

**Select the correct statement(s)**

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

**Q.125) Solution(a)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Correct</b>	<b>Incorrect</b>
Malviya espoused free and compulsory primary education, opposed the system of indentured labour in the British Empire, and supported the nationalisation of railways.	When the British government promulgated The Newspaper (Incitement to Offences) Act in 1908 and the Indian Press Act, 1910, Malaviya started a campaign against them and called for an All India Conference in Allahabad. He then realized the need of an English newspaper to make the campaign effective throughout the country. As a result, with the help of Motilal Nehru, he started an English daily the "Leader" in 1909, where he was Editor (1909–1911) and President (1911–1919)

**Context - The Prime Minister, Shri Narendra Modi has paid tributes to Pt. Madan Mohan Malviya on his Jayanti.**

**Q.126) Consider the following statements with respect to 'International Organization of Securities Commissions (IOSCO)'**

1. It is the international body that brings together the world's securities regulators and is recognized as the global standard-setter for the securities sector.
2. Securities and Exchange Board of India is an associate member of this organization
3. It works intensively with the G20 and the Financial Stability Board (FSB) on the global regulatory reform agenda

Choose the correct answer using the code given below

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

**Q.126) Solution(c)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Incorrect</b>	<b>Correct</b>
The International Organization of Securities Commissions (IOSCO) is the international body that brings together the world's securities regulators and is recognized as the global standard setter for the securities sector. IOSCO develops, implements and promotes adherence to internationally recognized standards for securities regulation.	There are three categories of members: ordinary, associate and affiliate. In general, the ordinary members (131) are the national securities commissions or similar governmental bodies with significant authority over securities or derivatives markets in their respective jurisdictions. Associate members (34) are usually supranational governmental regulators, subnational governmental regulators, intergovernmental international organizations and other international standard-setting bodies, as well as other governmental bodies with an appropriate interest in securities regulation. Securities and Exchange Board of India is an ordinary member of this organization. Recently, the International Financial Services Centres Authority (IFSCA) has become an associate member of this organisation.	It works intensively with the G20 and the Financial Stability Board (FSB) on the global regulatory reform agenda.

**Context - Sebi proposed regulatory framework for index providers**

**Q.127) With reference to 'Coking Coal', consider the following statements**

1. It is low in impurities and has a high carbon content which makes it ideal for use in the metallurgical process
2. India is completely reliant on imports for coking coal as domestic production does not meet the quality parameters

Select the correct statement(s)

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

**Q.127) Solution(a)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Correct</b>	<b>Incorrect</b>
Coking coal is a high-quality coal that is low in impurities and has a high carbon content, which makes it ideal for use in the metallurgical process. Coking coal is used to produce coke, which is a porous, solid carbon material that is used as a fuel and a reducing agent in the production of iron and steel.	India has produced 51.7 million tonnes (MT) of raw coking coal during the Financial Year 2021-22, which is 15% more as compared to 44.8 MT during FY21. According to the latest coal ministry data, the domestic raw coking coal production continues to witness an increasing trend in the current fiscal as well with production of 8.3 MT up to May 2022. It is 20% more compared to 6.9 MT during the same period of the previous year

**Context - Coal Ministry Identified four more blocks to enhance Coking Coal production**

**Q.128) 'City Finance Rankings' seen in news recently was launched by**

- a) The Energy and Resources Institute
- b) Ministry of Housing and Urban Affairs
- c) NITI Aayog
- d) Ministry of Finance

**Q.128) Solution(b)**

The Ministry of Housing & Urban Affairs launched City Finance Rankings, 2022 to evaluate, recognize and reward India's Urban Local Bodies. City Finance Rankings are an effort to analyse and help the ULBs in identifying areas in their financial performance where they can make further improvements, to be able to

deliver quality infrastructure and services to its citizens. The rankings will serve as a constant motivation for city/state officials to continue to implement municipal finance reforms.

**Context – It was launched recently.**

**Q.129) Consider the following statements with respect to 'Delimitation Commission'**

1. It is an independent Constitutional body whose orders cannot be challenged in any court of law.
2. It is a three member body consisting of a retired Supreme Court judge, Chief Election Commissioner and the respective State Election Commissioner
3. The orders of the Commission are laid before the Lok Sabha and the respective State Legislative Assemblies and modifications are not permitted

**Choose the correct answer using the code given below**

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

**Q.129) Solution(c)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Incorrect</b>	<b>Correct</b>	<b>Correct</b>
The Delimitation commission or Boundary commission of India is a commission established by the Government of India under the provisions of the Delimitation Commission Act. Under Article 82, Parliament is to enact a Delimitation Act after every Census. Once the Act is in force, the Union government sets up the Delimitation Commission.	It is a three member body consisting of a retired Supreme Court judge, Chief Election Commissioner and the respective State Election Commissioner	The Commission is a powerful and independent body whose orders cannot be challenged in any court of law. The orders are laid before the Lok Sabha and the respective State Legislative Assemblies. However, modifications are not permitted.

**Context - The Election Commission of India has begun the process of delimitation of Assembly and Parliamentary constituencies in Assam.**

**Q.130) Consider the following statements with respect to 'Ramappa Temple'**

1. It is a Kakatiya style Hindu temple dedicated to the god Shiva built of red sandstone

2. It is a world heritage site which is also the only temple to be named after its architect

Select the **INCORRECT** statement(s)

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

**Q.130) Solution(d)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Correct</b>	<b>Correct</b>
Ramappa Temple, also known as the Rudreshwara temple, is a Kakatiya style Hindu temple dedicated to the god Shiva, located in Telangana, India. The main structure is in a reddish sandstone, but the columns round the outside have large brackets of black basalt which is rich in iron, magnesium and silica.	On 25 July 2021, the temple was inscribed as a UNESCO World Heritage Site as "Kakatiya Rudreshwara (Ramappa) Temple, Telangana". The temple is named after the sculptor Ramappa, who built it, making it the only temple in India to be named after its craftsman

**Context - President of India laid the Foundation Stone for the Development of Pilgrimage Infrastructure at Ramappa Temple.**

**Q.131) Consider the following statements about Sarsa Rivulet**

- 1. The Sarsa originates in the Shivalik hills in Himachal Pradesh.
- 2. It enters Punjab and eventually flows into River Sutlej.
- 3. It is associated with the life of Guru Gobind Singh, the Sikh leader.

**Choose the correct code:**

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

**Q.131) Solution (a)**

**Statement Analysis**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Correct</b>	<b>Correct</b>

<ul style="list-style-type: none"> <li>The Sarsa originates in the Shivalik hills in Himachal Pradesh.</li> </ul>	<ul style="list-style-type: none"> <li>It flows through Solan district that borders Punjab, enters Rupnagar district in Punjab and eventually flows into the Sutlej.</li> </ul>	<ul style="list-style-type: none"> <li>The Sarsa was where the Guru's family got separated in the winter of 1704, never to be together again.</li> <li>The rivulet is thus important in Sikh consciousness.</li> </ul>
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**Context:** Sarsa: Rivulet associated with pivotal moment in Guru Gobind Singh's life is dying

**Q.132) Consider the following statements about Polar Vortex**

- The polar vortex is a large area of low pressure and cold air surrounding both of the Earth's poles.
- Similar to hurricanes it spins in clockwise direction.

**Choose the correct statements:**

- 1 only
- 2 only
- Both 1 and 2
- Neither 1 nor 2

**Q.132) Solution (a)**

**Statement Analysis**

Statement 1	Statement 2
<p><b>Correct</b></p> <ul style="list-style-type: none"> <li>The polar vortex is a large area of low pressure and cold air surrounding both of the Earth's poles.</li> <li>Usually, the polar vortex remains strong and compact, meaning the mass of frigid air stays at the North Pole.</li> <li>But sometimes it weakens, like a wobbling top, and expands to influence the jet stream, an area of fast-moving air high in the atmosphere that surrounds the polar vortex.</li> <li>Once the jet stream is impacted, the cold polar air finds its way towards the mid-latitude regions.</li> </ul>	<p><b>Incorrect</b></p> <ul style="list-style-type: none"> <li>It is denoted by the word "vortex" because it spins counter-clockwise, just like a hurricane does.</li> </ul>

**Context:** In the last week, most of the United States had to deal with some extremely cold temperatures. The reason for this cold air outbreak is the Polar Vortex.

**Q.133) Consider the following statements about National Archives of India (NAI)**

- It keeps and conserves records of the government and its organisations only, and does not receive classified documents.
- It functions under the Ministry of Home Affairs.

**Choose the incorrect statements:**

- 1 only



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

**Q.133) Solution (b)****Statement Analysis**

Statement 1	Statement 2
<b>Correct</b>	<b>Incorrect</b>
<ul style="list-style-type: none"> <li>• It keeps and conserves records of the government and its organisations only, and does not receive classified documents.</li> <li>• The National Archives of India (NAI) does not have records of 1962, 1965, and 1971 wars, or even of the Green Revolution.</li> <li>• The holdings in NAI are in a regular series starting from the year 1748, and the languages of the records include English, Arabic, Hindi, Persian, Sanskrit and Urdu.</li> </ul>	<ul style="list-style-type: none"> <li>• The NAI, which functions under the Ministry of Culture, is the repository of all non-current government records, holding them for the use of administrators and scholars.</li> <li>• Originally established as the Imperial Record Department in 1891 in Calcutta, the capital of British India, the NAI is now located in Delhi.</li> </ul>

**Context:** The National Archives of India (NAI) does not have records of 1962, 1965, and 1971 wars, or even of the Green Revolution.

**Q.134) Consider the following statements about Dieback Disease**

1. It is a condition in which a small tree or shrub begin to die from the tip of their leaves or even of the roots.
2. It is caused by the mosaic virus and is spread through pollination of the plant.

**Choose the incorrect statements:**

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

**Q.134) Solution (b)****Statement Analysis**

Statement 1	Statement 2
<b>Correct</b>	<b>Incorrect</b>
<ul style="list-style-type: none"> <li>• Neem shows antibacterial, antifungal, and other versatile properties, but it does not exempt the neem trees from being attacked by pests and diseases.</li> <li>• The dieback disease affects leaves, twigs and the inflorescence of neem trees of all ages and it causes</li> </ul>	<ul style="list-style-type: none"> <li>• Dieback and staghead are caused by many fungi and a few bacteria that produce cankers, anthracnose, wilts, and stem or root rots.</li> </ul>

almost 100% loss of fruit production in severely infected trees.

- Staghead is a slow dieback of the upper branches of a tree; the dead, leafless limbs superficially resemble a stag's head.

- The dieback disease was first reported in the country during the 1990s near Dehradun in Uttarakhand.

**Context:** Neem trees has been identified as twig blight and dieback disease in Telangana.

**Q.135) Kosovo country shares boundary with which of the following seas?**

1. Black Sea
2. Adriatic Sea
3. Mediterranean Sea

**Choose the correct code:**

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

**Q.135) Solution (c)**



**Context:** Kosovo closes border crossing as tensions with Serbia intensify