



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

**MAY - 2022**

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**Q.1) With reference to United Nations General Assembly (UNGA), consider the following statements**

1. Voting in the General Assembly on certain important questions is by a three-fourth majority of those present and voting
2. The resolutions passed by the General Assembly do not have the binding forces over the member nations
3. Emergency special sessions of the UNGA can be called by the Security Council, if supported by at least ten members

**Select the correct statements**

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

**Q.1) Solution(b)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Incorrect</b>	<b>Correct</b>	<b>Incorrect</b>
Although the resolutions passed by the General Assembly do not have the binding forces over the member nations (apart from budgetary measures), pursuant to its Uniting for Peace resolution of November 1950 (resolution 377 (V)), the Assembly may also take action if the Security Council fails to act, owing to the negative vote of a permanent member, in a case where there appears to be a threat	Voting in the General Assembly on certain important questions—namely recommendations on peace and security; budgetary concerns; and the election, admission, suspension or expulsion of members—is by a two-thirds majority of those present and voting. Other questions are decided by a simple majority	Emergency special sessions can be called by the Security Council, if supported by at least seven members, or by a majority of Member States of the United Nations. If enough votes are had, the Assembly must meet within 24 hours, with Members being notified at least twelve hours before the opening of the session

to the peace, breach of the peace or act of aggression		
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**Context – There was a session of UN General Assembly regarding Ukraine-Russian war.**

**Q.2) Consider the following pairs**

**Strait: Sea**

1. Dardanelles: Sea of Marmara and Aegean Sea
2. Bosphorous: Mediterranean and Baltic Sea
3. Kerch: Black Sea and Sea of Azov

**Which of the pairs given above are correctly matched**

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

**Q.2) Solution(c)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Incorrect</b>	<b>Correct</b>
The Dardanelles connects the Sea of Marmara with the Aegean and Mediterranean seas while also allowing passage to the Black Sea by extension via the Bosphorus	The Bosphorus connects the Black Sea with the Sea of Marmara	The <i>Kerch Strait</i> is a strait in Eastern Europe. It connects the Black Sea and the Sea of Azov,



**Context – Turkey vowed to block Russia's entry into Mediterranean Sea.**

**Q.3) 'Fluoroquinolones, cephalosporins and carbapenems' seen in news are**

- a) Pesticides
- b) Nano-micelles
- c) Antibiotics

d) Fruit-ripening substances

### Q.3) Solution(c)

Fluoroquinolones, cephalosporins and carbapenems are antibiotics. India has been reporting high levels of resistance to fluoroquinolones, cephalosporins and carbapenems across the Gram-negative pathogens that cause almost 70 per cent of infections in communities and hospitals.

**Context – These drugs were in news due to anti-microbial resistance.**

### Q.4) Consider the following statements

1. India is the world's third largest energy consuming country and importer of coal
2. Recently amended rules allow lessee of captive mines to sell coal or lignite up to 50% of the total production
3. The electricity sector is the largest consumer of coking coal in India

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

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

### Q.4) Solution(d)

#### Statement Analysis:

Statement 1	Statement 2	Statement 3
<b>Incorrect</b>	<b>Incorrect</b>	<b>Incorrect</b>
India is the world's third largest energy consuming country and the second largest importer of coal after China	Mineral Concession (Amendment) Rules, 1960 under MMDR (Amendment) Act, 2021 allows lessee of captive mines to sell coal or lignite up to 50% of the total excess production after	Coal supplies over 40% of energy in India. Around 30% of coal is imported. Due to high demand and poor average quality, India imports coking coal to meet the requirements of its steel

	meeting the requirements of the end- use plant	plants. The electricity sector is the largest consumer of raw coal in India.
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**Context –Coal imports were in news.**

**Q.5) Consider the following statements regarding ‘Northern river terrapin’**

1. It is a species of riverine turtle native to Southeast Asia
2. It is categorized as endangered in the IUCN Red List
3. They can migrate 5000-6000 miles during breeding season to reach their sandbanks nesting sites

**Choose the correct statements**

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

**Q.5) Solution(a)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Incorrect</b>	<b>Incorrect</b>
The northern river terrapin (Batagur baska) is a species of riverine turtle native to Southeast Asia. The species prefers freshwater habitats and moves to brackish river mouths or estuaries in the breeding season (December–March), returning after laying their eggs.	It is classified Critically Endangered by the IUCN Red List.	They are even known to undertake long seasonal migrations of 50 to 60 miles (80.5-96.5 kilometers) to the sand banks where they were hatched

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

**Q.6) Consider the following statements regarding 'The North Atlantic Treaty Organization'**

1. NATO was established in the aftermath of 9/11 attacks
2. All the members of NATO are found in North America and Europe only
3. An agreement in the original NATO Treaty ensures collective defence

**Select the correct statements**

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

**Q.6) Solution(b)****Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Incorrect</b>	<b>Incorrect</b>	<b>Correct</b>
North Atlantic Treaty also called the North Atlantic Alliance was established in the aftermath of World War II, the organization implements the North Atlantic Treaty, signed 4 April 1949	NATO has thirty members, mainly in Europe and North America. Turkey is a member whose territory lies in Asia as well	Article 5, an agreement that ensures "collective defence", which means that an attack on one ally will be considered an attack on all allies.

**Context – NATO was in news due to Russia-Ukraine crisis.**

**Q.7) Consider the following statements regarding 'Indus Water Treaty'**

1. The Indus Waters Treaty (IWT) is a water-distribution treaty between India and Pakistan, brokered by the United Nations
2. The Commission is required to meet at least once in a year
3. In cases of dispute or disagreement, Permanent Court of Arbitration (PCA) alone is responsible for arbitration

**Select the correct statements**

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

**Q.7) Solution(b)****Statement Analysis:**

<b>Statement 1</b>	<b>Statement 2</b>	<b>Statement 3</b>
<b>Incorrect</b>	<b>Correct</b>	<b>Incorrect</b>
The Indus Waters Treaty (IWT) is a water-distribution treaty between India and Pakistan, brokered by the World Bank, to use the water available in the Indus River and its tributaries. It was signed in Karachi on 19 September 1960 by Indian Prime Minister Jawaharlal Nehru and Pakistani President Ayub Khan.	The Commission is required to meet at least once in a year to discuss potential disputes as well as cooperative arrangements for the development of the Indus System of Rivers.	In cases of dispute or disagreement, Permanent Court of Arbitration (PCA) or a neutral technical expert respectively is called in for arbitration.

**Context – The 117th Meeting of the Permanent Indus Commission (PIC) comprising of Indus Commissioners of India and Pakistan was held from March 1-3, 2022 in Islamabad, Pakistan**

**Q.8) Consider the following**

1. American depositary receipts (ADRs)
2. Exchange traded funds
3. Reinvested earnings
4. Intra-company loans



5. Mutual funds

**Which of the following constitute Foreign Portfolio Investment (FPI)**

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

**Q.8) Solution(a)**

Foreign portfolio investment (FPI) refers to the purchase of securities and other financial assets by investors from another country. Examples of foreign portfolio investments include stocks, bonds, mutual funds, exchange traded funds, American depositary receipts (ADRs), and global depositary receipts (GDRs).

**Context – There was a large scale outflow of FPI from India.**

**Q.9) Consider the following statements regarding 'Bangladesh, Bhutan, India, Nepal (BBIN) Initiative'**

- 1. It is a subgroup within South Asian Association for Regional Co-operation (SAARC)
- 2. The Motor Vehicle Agreement (MVA) signed under BBIN will permit the member states to ply their vehicles in each other's territory for transportation of cargo and passengers, including personal vehicles
- 3. Delhi declaration was recently signed by all the members of BBIN

**Select the correct statement/s**

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

**Q.9) Solution(b)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Incorrect</b>	<b>Correct</b>	<b>Incorrect</b>
The Bangladesh, Bhutan, India, Nepal (BBIN) Initiative is a sub-regional architecture of countries in Eastern South Asia, a subregion of South Asia. It is not a grouping within SAARC.	The BBIN Motor Vehicles Agreement (MVA) was signed on 15 June 2015 at the BBIN transport ministers meeting in Thimpu, Bhutan. The agreement will permit the member states to ply their vehicles in each other's territory for transportation of cargo and passengers, including third country transport and personal vehicles. Each vehicle would require an electronic permit to enter another country's territory, and border security arrangement between nations' borders will also remain	Delhi declaration is related to Afghanistan. It does not come under BBIN.

**Context – Bangladesh, Nepal and India went ahead with the motor vehicle agreement.**

**Q.10) 'Carbofuran' seen in news recently is a**

- a) Pesticide
- b) Super conductor
- c) Food preservative
- d) Fruit ripener

**Q.10) Solution(a)**

Carbofuran is a carbamate pesticide, widely used around the world to control insects on a wide variety of field crops, including potatoes, corn and soybeans.

**Context – It was in news due to the death of Himalayan Griffon Vultures in Assam.**

**Q.11) Consider the following statements with respect to 'Criminal Procedure (Identification) Act, 2022'**

1. The act seeks to replace Evidence Act of 1872
2. The Act requires the details collected to be retained in digital or electronic form for 75 years from the date of collection
3. The central or state government may make rules on various matters like the manner of collecting details

**Choose the correct statement(s) using the code given below**

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

**Q.11) Solution(b)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Incorrect</b>	<b>Correct</b>	<b>Correct</b>
The Act seeks to replace the Identification of Prisoners Act of 1920.	The Act requires the details collected to be retained in digital or electronic form for 75 years from the date of collection. The record may be destroyed in case of persons who have not been previously convicted, and who are released without trial, discharged, or acquitted by the court, after exhausting all legal remedies.	The Act vested rule-making power only in the state government. The Act extends this power to the central government as well. The central or state government may make rules on various matters like the manner of collecting details.

**Context –The bill received President's assent.**

**Q.12) Consider the following statements regarding 'India – UAE Comprehensive Economic Partnership Agreement'**

1. It is the first full Free Trade Agreement (FTA) signed by India with any major trading partner in last decade
2. India-UAE CEPA covers all aspects of trade including Sanitary and Phytosanitary (SPS) measures
3. India will offer preferential access to UAE on over 99% of its tariff lines

**Choose the correct statement(s) using the code**

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

**Q.12) Solution(a)****Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Correct</b>	<b>Incorrect</b>
It is the first deep and full Free Trade Agreement (FTA) signed by India with any major trading partner in last decade	India-UAE CEPA cover all aspects of trade such as Trade in Goods, Rules of Origin, Trade in Services, Technical Barriers to Trade (TBT), Sanitary and Phytosanitary (SPS) measures, Dispute Settlement, Government Procurement, IPR, etc	India will offer preferential access to UAE on over 90% of its tariff lines. Whereas, will benefit tariff lines which account for 99% of Indian exports to the UAE in value terms

**Context – India – UAE CEPA was in news.**

**Q.13) 'LAMITIYE 2022' is a military exercise conducted between India and**

- a) Maldives
- b) Thailand

- c) Seychelles
- d) Bhutan

**Q.13) Solution(c)**

LAMITIYE-2022 is a Joint Military Exercise between the Indian Army and Seychelles Defence Forces.

**Context – The military exercise took place**

**Q.14) Consider the following statements regarding 'Site Directed Nuclease Technology'**

1. SDN or sequence specific nuclease (SSN) refers to the practice of cleaving DNA strands to affect the subsequent genome editing
2. The goal of SDN technology is to take advantage of the targeted DNA break and the host's natural repair mechanisms to introduce specific small changes at the site of the DNA break
3. Meganucleases, Zinc-Finger Nucleases (ZFNs) and Transcription Activator Like Effector Nucleases (TALENs) are some of the SDN technologies currently in use

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

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

**Q.14) Solution(d)****Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Correct</b>	<b>Correct</b>
SDN or sequence specific nuclease (SSN) refers to the practice of cleaving DNA strands to affect the subsequent genome editing.	The goal of SDN technology is to take advantage of the targeted DNA break and the host's natural repair mechanisms to introduce	Three main SDN technologies currently in use include: Meganucleases, Zinc-Finger Nucleases (ZFNs) and Transcription Activator Like

	specific small changes at the site of the DNA break. The change can either be a small deletion, a substitution or the addition of a number of nucleotides	Effector Nucleases (TALENs). These technologies rely on biological molecules that have both a DNA-binding domain that recognizes a specific DNA sequence (the sitedirection) and a DNA cleavage activity (the nuclease), which, when added to a plant cell, result in a specific, predetermined break in the plant's DNA.
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**Context - MoEFCC exempted Site directed nuclease (SDN)1 and SDN2 genome edited plants from certain rules of the Environment Protect Act (EPA)**

**Q.15) Consider the following pairs**

**Game : Region**

1. Silambam : Telangana
2. Gatka : Punjab
3. Thang ta : Sikkim

**Which of the pairs given above are correctly matched**

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

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

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Incorrect</b>	<b>Correct</b>	<b>Incorrect</b>
Silambam is a weapon-based Indian martial art, also traditionally practiced by the	Gatka is a form of martial art associated primarily with the Sikhs of the Punjab and other	Huyen langlon is an Indian martial art from Manipur.] In the Meitei language, huyen

Tamil community of Sri Lanka and Malaysia	related ethnic groups, such as Hindkowans. It is a style of stick-fighting, with wooden sticks intended to simulate swords	means war while langlon or langlong can mean net, knowledge or art. Huyen langlon consists of two main components: thang-ta (armed combat) and sarit sarak (unarmed fighting).
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**Context - Promotion of rural and indigenous/tribal games component of Khelo India- National Programme for Development of sports Scheme**

**Q.16) Consider the following statements**

1. India is a member of the Arctic Council
2. India established a research base in the Arctic named IndArc in 2008
3. Ministry of Earth Sciences recently released India's Arctic Policy

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

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

**Q.16) Solution(c)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Incorrect</b>	<b>Incorrect</b>	<b>Correct</b>
India has been an Observer nation since 2013	India established a research base named Himadri in Arctic region in 2008. IndArc was deployed in 2014	The Ministry of Earth Science (MoES) released the India's Arctic policy titled 'India and the Arctic: building a partnership for sustainable development'

**Context – Arctic policy was released.**

**Q.17) Consider the following statements with respect to 'Prompt Corrective Action Framework'**

1. Ministry of Finance initiated the scheme but it is implemented by Reserve Bank of India
2. Capital to risk weighted assets ratio, Net non-performing assets, Return on assets are the parameters assessed
3. Primary responsibility of recapitalisation of Domestically-Systemically Important banks(D-SIB'S) often devolves on the Government

Select the correct answer using the code given below

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

**Q.17) Solution(d)****Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Incorrect</b>	<b>Incorrect</b>	<b>Incorrect</b>
Reserve Bank of India initiated the scheme in 2002 and implements it	PCA contains three parameters. They are Capital to risk weighted assets ratio, Net non-performing assets, Return on assets	Primary responsibility of recapitalisation of PSBs often devolves on the Government, which is the majority shareholder in these banks.

**Context - Centre has announced to recapitalise weak Public Sector Banks (PSB)**

**Q.18) With reference to 'Palladium', consider the following statements**

1. It is a rare metal used in the manufacture of catalytic converters and fuel cells
2. Russia accounts for more than half of world production in Palladium



**Choose the correct statements**

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

**Q.18) Solution(a)****Statement Analysis:**

Statement 1	Statement 2
<b>Correct</b>	<b>Incorrect</b>
Palladium is used in catalytic converters, which convert as much as 90% of the harmful gases in automobile exhaust (hydrocarbons, carbon monoxide, and nitrogen dioxide) into harmless substances (nitrogen, carbon dioxide and water vapor). Palladium is a key component of fuel cells, which react hydrogen with oxygen to produce electricity, heat, and water	Russia accounted for 40% of world production of Palladium. It is also found in South Africa, Canada and the U.S.A.

**Context – It was in news due to ongoing Russia-Ukraine War.**

**Q.19) World Energy Transition Outlook is released by**

- a) World Economic Forum
- b) International Renewable Energy Agency
- c) World Bank
- d) International Energy Agency

**Q.19) Solution(b)**

World Energy transition Outlook 2022 was launched by the International Renewable Energy Agency (IRENA) at the Berlin Energy Transition Dialogue. It sets out priority areas and actions

based on available technologies that must be realised by 2030 to achieve net zero emissions by midcentury.

**Context – It was launched recently**

**Q.20) Consider the following statements**

1. Thermobaric bombs are non-precision weapons that are designed to injure or kill human beings indiscriminately over a large area
2. Thermobaric bombs are not prohibited by any international law or agreement presently

**Select the correct statement(s)**

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

**Q.20) Solution(b)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Incorrect</b>	<b>Correct</b>
Cluster munitions are non-precision weapons that are designed to injure or kill human beings indiscriminately over a large area, and to destroy vehicles and infrastructure.	Thermobaric bombs are not prohibited by any international law or agreement presently

**Context – Russia was accused of using thermobaric bombs**

**Q.21) With reference to 'Asiatic Lions', consider the following statements**

1. Female lions are the pride's primary hunters
2. Asiatic Lions are slightly larger than African Lions
3. It is found only in Gujarat in India
4. They have a gestation period of five to six months

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

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

**Q.21) Solution(a)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3	Statement 4
<b>Correct</b>	<b>Incorrect</b>	<b>Correct</b>	<b>Incorrect</b>
Lions are the only cats that live in groups, called pride. Female lions are the pride's primary hunters.	Asiatic Lions are slightly smaller than African Lions	They are Found only in India, in five protected areas in Gujarat – Gir National Park, Gir Sanctuary, Pania Sanctuary, Mitiyala Sanctuary, and Girnar Sanctuary	They have a gestation period of 100 to 120 days

**Context - Gujarat forest department will use SIMBA an Artificial Intelligence (AI)-based photo-identification software to track Asiatic Lions.**

**Q.22) Consider the following statements with respect to 'noise pollution' in India**

1. Noise pollution in India is regulated under Air(Prevention and Control of Pollution) Act
2. Moradabad in India is the most noise polluted city in South Asia according to UNEP's Frontiers report
3. CPCB has laid down the permissible noise pollution levels in India for different areas

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

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

d) 1 only

**Q.22) Solution(b)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Incorrect</b>	<b>Incorrect</b>	<b>Correct</b>
It was covered under the Air (Prevention and Control of Pollution) Act, 1981 but later, Noise Pollution (Regulation and Control) Rules, 2000 replaced it	Out of 13 noise polluted cities in South Asia, 5 of these are in India, namely Moradabad, Kolkata, Asansol, Jaipur and Delhi. Highest noise pollution has been recorded in Dhaka, Bangladesh followed by Moradabad according to the report.	CPCB has laid down the permissible noise pollution levels in India for different areas

**Context – UNEP ‘Frontiers’ report was released.**

**Q.23) Consider the following statements regarding ‘Emergency Credit Line Guarantee Scheme’**

1. The scheme aims to provide for 100 % guarantee coverage to Banks & NBFC's on credit extended to Business Enterprises/MSMEs
2. The scheme is under the trusteeship of National Credit Guarantee Trustee Company(NCGTC) established under Companies Act of 2013

**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>
The scheme aims to enable liquidity support to businesses adversely impacted by lockdown due to COVID 19 pandemic. Provides for 100 % guarantee coverage to Banks & NBFC's on credit extended to Business Enterprises/MSMEs on their loan outstanding as on February 29, 2020, subject to defined criteria, to meet their additional term loan/additional working capital requirements.	The scheme is under the trusteeship of NCGTC, which was incorporated under the Indian Companies Act, 1956

**Context – Government extended the scheme until March 2023.**

**Q.24) 'KAVACH' system seen in news is used in the context of**

- a) Sanitization
- b) Air Purification
- c) Train collision avoidance
- d) Income Tax Compliance

**Q.24) Solution(c)**

Kavach is the indigenously developed train collision avoidance system (TCAS). It is a set of electronic devices and Radio Frequency Identification devices installed in locomotives, in the signalling system and tracks.

**Context – There was a trial run of this system.**

**Q.25) Consider the following statements regarding 'Karewas'**

1. They are thick lacustrine deposits of glacial clay found in Uttarakhand and Himachal Pradesh
2. They are ideal for the growth of Saffron and other cash crops

**Select the INCORRECT statement(s)**

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

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

Statement 1	Statement 2
<b>Incorrect</b>	<b>Correct</b>
Karewas are thick lacustrine deposits (deposits in lake) of glacial clay and other materials embedded with moraines found in Kashmir. These are the flat-topped mounds that surround the Kashmir Valley on all sides	They are ideal for cultivation of Kashmir saffron (Zafran), almonds, apples and several other cash crops.

**Context – Threat to karewas due to indiscriminate construction in Kashmir.****Q.26) Consider the following statements regarding 'National Bank for Financial Infrastructure and Development (NaBFID)'**

1. RBI will regulate and supervise it as an All-India Financial Institution (AIFI) under Reserve Bank of India Act, 1934
2. It has authorized share capital of ₹5 lakh crore
3. They provide funds to projects from Medium to Long Gestation periods

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

- a) 1 and 2 only

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

**Q.26) Solution(d)****Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Incorrect</b>	<b>Correct</b>
RBI will regulate and supervise it as an All-India Financial Institution (AIFI) under Sections 45L and 45N of the Reserve Bank of India Act, 1934.	It has authorized share capital of ₹1 lakh crore.	They provide funds to projects from Medium to Long Gestation periods with greater risks in comparison to the acceptable limits of commercial banks and other financial institutions

**Context – NABFID is set to commence operations****Q.27) With reference to the latest IPCC's sixth assessment report, consider the following statements**

1. There is a equatorial shift of species due to human induced climate change
2. There is a very high extinction risk for endemic species in biodiversity hotspots

**Select the correct statement(s)**

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

**Q.27) Solution(b)****Statement Analysis:**

Statement 1	Statement 2
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<b>Incorrect</b>	<b>Correct</b>
There is a poleward shift of species: Approximately half of the species assessed globally have shifted poleward or, on land, also to higher elevations.	There is a very high extinction risk for endemic species in biodiversity hotspots: Projected to at least double from 2% between 1.5°C and 2°C global warming levels and to increase at least tenfold if warming rises from 1.5°C to 3°C

**Context – The report was released recently.**

**Q.28) Consider the following statements regarding 'Golden Langur'**

1. They are distributed in the Western Ghats region surrounding the Nilgiris
2. It is listed in Appendix I of CITES and Schedule II of the Indian Wildlife (Protection) Act, 1972

**Select the INCORRECT statement(s)**

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

**Q.28) Solution(a)**

**Statement Analysis:**

<b>Statement 1</b>	<b>Statement 2</b>
<b>Incorrect</b>	<b>Correct</b>
Gee's golden langur is found in an area of approximately 30,000 square kilometres (12,000 sq mi), much of which is unsuitable habitat bounded on the south by the Brahmaputra River, on the east by the Manas River, on the west by the Sankosh River, in Assam, India, and on the north by the Black Mountains of Bhutan	It is listed in Appendix I of CITES, as 'endangered' on the IUCN Red List of Threatened Species, and Schedule I of the Indian Wildlife (Protection) Act, 1972



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

**Q.29) Consider the following statements regarding 'Chandrayaan -2'**

1. It is a lunar mission to explore the south pole of Moon which was launched by Geosynchronous Satellite Launch Vehicle Mk-III
2. It has made observations on the presence of Argon-40 on lunar atmosphere
3. It also mapped Moon in infrared, visible, and X-ray light from lunar orbit and used reflected radiation to prospect various minerals for the first time

**Choose the correct statement(s) using the code given below**

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

**Q.29) Solution(a)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Correct</b>	<b>Incorrect</b>
It is an Indian lunar mission to explore the uncharted south pole of Moon by landing a rover. Its lander is 'Vikram' and rover is 'Pragyan'. It was launched by Geosynchronous Satellite Launch Vehicle Mk-III in 2019.	Chandra's Atmospheric Composition Explorer-2 (CHACE-2), a mass spectrometer onboard Chandrayaan-2 mission, has made the first-of-its-kind observations of the global distribution of Argon-40 in the lunar exosphere.	Chandrayaan-1 was the first lunar space probe of ISRO and found water on the Moon. It mapped Moon in infrared, visible, and X-ray light from lunar orbit and used reflected radiation to prospect for various elements, minerals, and ice

**Context – Chandrayaan 2 made observations on global distribution on Argon-40 on Moon.**

**Q.30) 'Export Preparedness Index 2021' was released by**

- a) Ministry of Commerce and Industry
- b) NITI Aayog
- c) Reserve Bank of India
- d) Federation of Indian Chambers of Commerce & Industry

**Q.30) Solution(b)**

Export Preparedness Index was prepared by NITI Aayog in partnership with Institute of Competitiveness, is a comprehensive analysis of India's export achievements of states and union territories and identifies challenges and opportunities.

**Context – It was released recently.**

**Q.31) Consider the following statements regarding 'Extra Neutral Alcohol'**

- 1. It is a byproduct of the sugar industry
- 2. It is colourless food-grade alcohol that does not have any impurities
- 3. It is used in pharmaceutical products such as antiseptics, drugs, syrups, medicated sprays

**Which of the following statements given above is/are correct**

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

**Q.31) Solution(d)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Correct</b>	<b>Correct</b>
It is a byproduct of the sugar industry. Formed from molasses that are a residue of	It is colourless food-grade alcohol that does not have any impurities. It has a	Utilized in the production of some lacquers, paints and ink for the printing industry, as

sugarcane processing.	neutral smell and taste and typically contains over 95 per cent alcohol by volume.	well as in pharmaceutical products such as antiseptics, drugs, syrups, medicated sprays.
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**Context – It was seen in news.**

**Q.32) Consider the following statements regarding 'New India Literacy Programme'**

1. It is a centrally sponsored scheme that has been approved for the next three financial years
2. The scheme will be implemented through volunteerism through online mode

**Select the correct statement(s)**

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

**Q.32) Solution(b)**

**Statement Analysis:**

<b>Statement 1</b>	<b>Statement 2</b>
<b>Incorrect</b>	<b>Correct</b>
The NILP is a Centrally Sponsored Scheme, which has been approved for the next five financial years (2022-27) in order to integrate all the aspects of adult education with the National Education Policy, 2020 (NEP)	The scheme will be implemented through volunteerism through online mode. The training, orientation, workshops of volunteers, may be organized through face-to-face mode. All material and resources shall be provided digitally. School will be Unit for implementation of the scheme.

**Context – The scheme was recently approved.**

**Q.33) 'Vanniyar' a community often seen in news are native to**

- a) Karnataka
- b) Odisha
- c) Tamil Nadu
- d) Lakshadweep

**Q.33) Solution(c)**

Vanniyars are one of the largest and most consolidated backward communities in Tamil Nadu.

**Context – The Supreme Court held that Tamil Nadu's reservation for Vanniyars in education and employment within the Most Backward Classes category was unconstitutional.**

**Q.34) Consider the following**

- 1. Cement production
- 2. Waste water treatment
- 3. Agriculture
- 4. Road construction
- 5. Transportation

**Which of the applications above can be performed using 'Metal slag'**

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

**Q.34) Solution(d)**

Slag is one of the promising materials in various applications such as in transportation industry, construction, cement production, waste water and water treatment. Also because of the slowly released phosphate content in phosphorus-containing slag, and because of its liming effect, it is valued as fertilizer in gardens and farms in steel making areas.

**Context – Surat has become the first city in the country to get a processed steel slag (industrial waste) road.**

**Q.35) Consider the following statements regarding ‘Weapons of Mass destruction and their delivery systems (prohibition of unlawful activities) amendment Bill, 2022’**

1. The Amended bill introduced the prohibition of unlawful activities related to weapons of mass destruction and their means of delivery
2. Weapons of mass destruction are biological and nuclear weapons as well as chemical weapons

**Select the correct statement(s)**

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

**Q.35) Solution(b)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Incorrect</b>	<b>Correct</b>
The Weapons of Mass Destruction and their Delivery Systems (Prohibition of Unlawful Activities) Amendment Bill, 2022 was introduced in Lok Sabha on April 5, 2022. The Bill amends the Weapons of Mass Destruction and their Delivery Systems (Prohibition of Unlawful Activities) Act, 2005. The 2005 Act prohibits unlawful activities (such as manufacturing, transport, or transfer) related to weapons of mass destruction, and their means of delivery.	Weapons of mass destruction are biological, chemical, or nuclear weapons.

**Context – The bill was passed by Lok Sabha**

**Q.36) Consider the following statements**

1. Changthang Wildlife Sanctuary is located in the Eastern most reaches of Karakoram Ranges in Leh
2. Himalayan Ibex, Tibetan Antelope, Bharal are found in the Karakoram Wildlife Sanctuary

**Select the correct statement(s)**

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

**Q.36) Solution(b)****Statement Analysis:**

<b>Statement 1</b>	<b>Statement 2</b>
<b>Incorrect</b>	<b>Correct</b>
The Changthang Wildlife Sanctuary (or the Changthang Cold Desert Wildlife Sanctuary) is a high altitude wildlife sanctuary located in the Ladakhi adjunct of the Changthang plateau in the Leh District of the union territory of Ladakh	The Ural, The argali, Tibetan gazelle, Himalayan Ibex, The Bharal (blue sheep), and the Snow Leopard and the Tibetan antelope (chiru) are some of the fauna found in the Karakoram Wildlife Sanctuary.

**Context – Boundaries of Sanctuaries in Ladakh are going to be rationalized by Wildlife Institute of India.**

**Q.37) Consider the following statements regarding 'Pradhan Mantri Virasat Ka Samvardhan (PM VIKAS) Scheme'**

1. It focuses on socio-economic-educational empowerment of minorities with special emphasis on artisans
2. Atleast one-third of the total targets are reserved for women
3. Ministry of Minority Affairs is the nodal Ministry for the implementation of this scheme

Choose the correct answer using the given code below

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

**Q.37) Solution(d)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Correct</b>	<b>Correct</b>
The scheme focuses on socio-economic-educational empowerment of minorities with special emphasis on artisans, women and youth.	Atleast one-third of the total targets are reserved for women and provides entrepreneurial support exclusively for women	Ministry of Minority Affairs is the nodal Ministry for the implementation of this scheme

**Context – Cabinet approved PM VIKAS scheme**

**Q.38) 'FASTER' a digital portal seen in news is related to**

- a) Intellectual property
- b) Justice delivery
- c) Export promotion
- d) Government procurement

**Q.38) Solution(b)**

Under the FASTER system, courts can send e-authenticated copies of bail orders, stay orders, interim orders and proceedings through secured electronic communication to duty officers at prisons. Supreme Court of India has approved an electronic system named FASTER (Fast and Secured Transmission of Electronic Records).

**Context – The portal was launched by the Supreme Court of India**

**Q.39) Consider the following statements regarding 'Peace Clause of World Trade Organization'**

1. WTO members are refrained from challenging any breach in prescribed subsidy ceiling by a developing country under this clause
2. It is contained in the Agreement on Agriculture of the WTO
3. India used the peace clause for the first time as rice subsidies crossed de-minimis levels

**Choose the correct statement(s) using the code given below**

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

**Q.39) Solution(a)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Correct</b>	<b>Incorrect</b>
Under the peace clause, WTO (World Trade Organisation) member countries are refrained from challenging any breach in the prescribed subsidy ceiling given by a developing nation at the dispute settlement forum	The Agreement in Agriculture contains a "due restraint" or "peace clause" which regulates the application of other WTO agreements to subsidies in respect of agricultural products (Article 13).	India has for the third time invoked the peace clause for exceeding the 10% ceiling on support it offered its rice farmers. The country informed the WTO that the value of its rice production in 2020-21 was \$45.56 billion while it gave subsidies worth \$6.9 billion, which comes out to 15.14% as against the permitted 10%.

**Context – India invoked peace clause at the WTO**

**Q.40) Consider the following**



**Festivals : State**

1. Manipur : Losoong
2. Tamil Nadu : Puthandu
3. Navreh : Uttarakhand

**Which of the pairs given above are correctly matched**

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

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

Statement 1	Statement 2	Statement 3
<b>Incorrect</b>	<b>Correct</b>	<b>Incorrect</b>
Losoong is the Sikkimese New Year, of the Bhutia tribe, celebrated every year in December.	Puthandu, also known as Puthuvarudam, Tamil New Year, is the first day of year on the Tamil calendar and traditionally celebrated as a festival.	Navreh or Kashmiri New Year is the celebration of the first day of the Kashmiri new year by Kashmiri Hindus, with the largest Kashmiri Hindu community being the Kashmiri Pandits. Kashmiri Pandits dedicate Navreh festival to their Goddess Sharika and pay homage to her during the festival.

**Context – New year festivals were celebrated across different regions of the country.**

**Q.41) Consider the following statements regarding 'India Semiconductor Mission(ISM)'**

1. India Semiconductor Mission (ISM) has been setup as an Independent Business Division within Digital India Corporation
2. The scheme provides "Product Design Linked Incentive" of up to 50% of the eligible expenditure subject to a ceiling of ₹1 Crore per application
3. ISM will also enable collaborations and partnership programs with national and international agencies, industries and institutions for catalyzing collaborative research

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

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

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

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Incorrect</b>	<b>Correct</b>
India Semiconductor Mission (ISM) has been setup as an Independent Business Division within Digital India Corporation having administrative and financial autonomy to formulate and drive India's long term strategies for developing semiconductors and display manufacturing facilities and semiconductor design ecosystem.	The scheme provides "Product Design Linked Incentive" of up to 50% of the eligible expenditure subject to a ceiling of ₹15 Crore per application and "Deployment Linked Incentive" of 6% to 4% of net sales turnover over 5 years subject to a ceiling of ₹30 Crore per application.	ISM will also enable collaborations and partnership programs with national and international agencies, industries and institutions for catalyzing collaborative research, commercialization and skill development.

**Context – MeiTy set up 17 member advisory committee to guide ISM**

**Q.42) This temple dedicated to Lord Shiva is built in red stone and is a classic example of Kalinga School of Architecture. The temple is divided into Garba Griha, Yajna Shala, Bhoga Mandap and Natya Shala. It signifies the convergence of Shaivism and Vaishnavism sects in Odisha. The temple is**

- a) Lad Khan Temple
- b) Jagganath Temple
- c) Mukteshwara Temple
- d) Lingaraj Temple

**Q.42) Solution(d)**

Lingaraja Temple is a Hindu temple dedicated to Shiva and is one of the oldest temples in Bhubaneswar, the capital of the Indian state of Odisha, India. The temple is built in the Deula style that has four components namely, vimana (structure containing the sanctum), jagamohana (assembly hall), natamandira (festival hall) and bhoga-mandapa (hall of offerings), with all four in axial alignment with descending height. It signifies the convergence of Shaivism and Vaishnavism sects in Odisha.

**Context – Centre opposed Odisha Government's ordinance for Lingaraj Temple.**

**Q.43) Consider the following statements with respect to 'United Nations Human Rights Council'**

1. United Nations General Assembly by a two-thirds majority of the members present and counting may suspend the rights of membership of council of a country
2. Absentions do not count and the resolution only requires votes of those present and counting
3. Russia became the first country to be suspended from United Nations Human Rights Council

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

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

**Q.43) Solution(a)****Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Correct</b>	<b>Incorrect</b>
United Nations General Assembly by a two-thirds majority of the members present and counting may suspend the rights of membership in the council of a member of the council	Absentions do not count and the resolution only requires two-thirds yes/no votes of those present and counting	Libya was suspended in 2011

**Context – Russia was suspended from UNHRC**

**Q.44) With reference to 'Near Field Communication Technology', consider the following statements**

1. NFC transmits data through electromagnetic radio fields to enable communication between two devices
2. NFC enabled devices must be physically touching or within a few centimetres from each other for data transfer to occur

**Select the correct statement(s)**

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

**Q.44) Solution(c)****Statement Analysis:**

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

NFC transmits data through electromagnetic radio fields to enable communication between two devices. It is a short range wireless connectivity technology.	NFC enabled devices must be physically touching or within a few centimetres from each other for data transfer to occur
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**Context – Google Pay launched a new feature which makes use of NFCT**

**Q.45) Consider the following statements regarding 'Zero Coupon Bonds'**

1. It is a debt security that does not pay interest
2. Its value is directly related to the rise in the interest rates

**Select the INCORRECT statement(s)**

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

**Q.45) Solution(b)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Correct</b>	<b>Incorrect</b>
A zero-coupon bond, also known as an accrual bond, is a debt security that does not pay interest but instead trades at a deep discount, rendering a profit at maturity, when the bond is redeemed for its full face value.	Its value is inversely related to the rise in the interest rates.

**Context - The Central Board of Direct Taxes (CBDT) has amended the Income Tax rules to allow infrastructure debt funds (IDFs) to issue zero coupon bonds.**

**Q.46) Consider the following statements regarding 'Solid Fuel Ducted Ramjet technology'**

1. SFDR is a missile propulsion system that utilizes a solid fueled air-breathing ramjet technology
2. The SFDR-based propulsion enables the missile to intercept aerial threats at very long range at supersonic speeds
3. It is an extremely long-range missile with a projected range of 3500 km

**Select the correct statement(s) using the code given below**

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

**Q.46) Solution(a)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Correct</b>	<b>Incorrect</b>
The Solid Fuel Ducted Ramjet is a missile propulsion system that includes a thrust modulated ducted rocket with a reduced smoke nozzle-less missile booster. The thrust modulation in the system is achieved using a hot gas flow controller. The system utilises a solid fuelled air-breathing ramjet engine.	The SFDR-based propulsion enables the missile to intercept aerial threats at very long range at supersonic speeds.	It is an extremely long-range missile with a projected range of 350 km.

**Context – DRDO successfully flight tested SFDR technology**

**Q.47) Consider the following statements regarding 'Rashtriya Gram Swaraj Abhiyan'**

1. It is a centrally sponsored scheme to develop governance capabilities of Panchayat Raj Institutions(PRIs)

2. The scheme extends to all states and UTs and also includes institutions of rural local governments where panchayats do not exist

**Select the correct statement(s)**

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

**Q.47) Solution(c)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Correct</b>	<b>Correct</b>
RGSA is implemented as a core Centrally Sponsored Scheme (CSS) for four years viz., from 2018-19 to 2021-22 with State and Central shares. The sharing ratio for the State components will be in the ratio of 60:40 except NE and Hilly States, where the Central and State Ratio will be 90:10. For all UTs, the Central share will be 100%.	This scheme extends to all States and UTs of the country and will also include institutions of rural local government in non-Part IX areas, where Panchayats do not exist.

**Context – The Government extended RGSA for another five years.**

**Q.48) With reference to 'UN Economic and Social Council (ECOSOC)', consider the following statements**

1. It is a specialized agency of the United Nations established by the UN Charter
2. It is elected by the UN General Assembly for a period of two years

**Select the correct 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>Incorrect</b>	<b>Incorrect</b>
The United Nations Economic and Social Council is one of the six principal organs of the United Nations, responsible for coordinating the economic and social fields of the organization, specifically in regards to the fifteen specialised agencies, the eight functional commissions, and the five regional commissions under its jurisdiction. It was established by the UN charter in 1945.	The Council consists of 54 Member States, which are elected yearly by the General Assembly for overlapping three-year terms. Seats on the Council are allocated ensuring equitable geographic rotation among the United Nations regional groups, with 14 being allocated to the African Group, 11 to the Asia-Pacific Group, 6 to the Eastern European Group, 10 to the Latin American and Caribbean Group and 13 to the Western European and Others Group

**Context – India was elected to four bodies of the UN ECOSOC****Q.49) Consider the following countries**

1. Djibouti
2. Qatar
3. Ethiopia
4. Sudan
5. Eritrea

**Which of the countries mentioned above border Red Sea**

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

**Q.49) Solution(b)**



A total of 6 countries of Asia and Africa, border the Red Sea. The countries of Yemen and Saudi Arabia border the Red Sea to the east. The Red Sea is bordered by Egypt to the north and west, and by Sudan, Eritrea, and Djibouti to the west.



**Context – Red sea was in news due to Yemen crisis.**

**Q.50) Consider the following statements regarding ‘National Cyber Security Incident Response Exercise’**

1. It is launched with an aim to simulate a response to major cyber security breach to a critical infrastructure
2. It is conducted by CERT-IN and I4C
3. The participants will be trained on Intrusion Detection Techniques, Malware Information Sharing Platform (MISP), Vulnerability Handling & Penetration Testing

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

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

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

Statement 1	Statement 2	Statement 3
<b>Incorrect</b>	<b>Incorrect</b>	<b>Correct</b>
It is launched with the aim to train senior management and technical personnel of Government/Critical Sector organisations and agencies on contemporary cyber threats and handling cyber incidents and response.	The program is being conducted by the National Security Council Secretariat (NSCS), Govt. of India in association with Data Security Council of India (DSCI) as the Knowledge Partner and supported by the Defence Research and Development Organisation (DRDO).	The participants will be trained on various key cyber security areas such as Intrusion Detection Techniques, Malware Information Sharing Platform (MISP), Vulnerability Handling & Penetration Testing, Network Protocols & Data Flows, Digital Forensics,

**Context – The exercise was conducted recently**

**Q.51) Consider the following statements with respect to 'Seaweeds'**

1. They are the primitive marine non-flowering marine fungus without root, stem and leaves
2. Large seaweeds form dense underwater forests known as kelp forests
3. They can be used for bio-sequestration of carbon dioxide and reducing local ocean acidification

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

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

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

Statement 1	Statement 2	Statement 3
<b>Incorrect</b>	<b>Correct</b>	<b>Correct</b>
They are the primitive, marine non-flowering marine algae without root, stem and leaves, play a major role in marine ecosystems.	Large seaweeds form dense underwater forests known as kelp forests, which act as underwater nurseries for fish, snails and sea urchins.	seaweeds can be used for bio-sequestration of carbon dioxide, alongside other benefits like nutrient pollution reduction, increased habitat for coastal aquatic species, and reducing local ocean acidification

**Context - Tamil Nadu has been requested to set aside space for a Special Economic Zone for seaweed farming**

**Q.52) 'Blue Blob' a term seen in news is a**

- Cold water patch
- Extinct species of dolphins
- Certification mechanism
- Decomposing microbe used in oil spills

**Q.52) Solution(a)**

Blue Blob is a cold patch located south of Iceland and Greenland and little is known about it. The cold patch was most prominent during the winter of 2014-2015 when the sea surface temperature was about 1.4 degrees Celsius colder than normal. According to a recent Research, "Blue blob" may have helped temporarily stall the melting of Arctic sea ice.

**Context – The term was seen in news**

**Q.53) Consider the following statements with respect to 'Western Disturbances'**

- A western disturbance is an extra-tropical storm that brings sudden winter rain to the northern parts of the Indian subcontinent
- These Extra-tropical storms carry moisture in the upper atmosphere unlike their tropical counterparts

3. The interaction of the monsoon trough with western disturbances may occasionally cause dense clouding and heavy precipitation

Choose the correct answer using the code given below

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

**Q.53) Solution(d)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Correct</b>	<b>Correct</b>
A western disturbance is an extra-tropical storm originating in the Mediterranean region that brings sudden winter rain to the northern parts of the Indian subcontinent which extends as east as up to northern parts of Bangladesh and South eastern Nepal	Extratropical storms are a global phenomenon with moisture usually carried in the upper atmosphere, unlike their tropical counterparts where the moisture is carried in the lower atmosphere	The interaction of the monsoon trough with western disturbances may occasionally cause dense clouding and heavy precipitation. The 2013 North India floods, which killed more than 5000 people in a span of 3 days, is said to be a result of one such interaction.

**Context – Northern part of India recently experienced western disturbances**

**Q.54) Consider the following statements with respect to 'Household Consumer Expenditure Survey'**

- 1. It is a biennial survey conducted by the National Sample Survey Office
- 2. The survey reveals the average expenditure on goods (food and non-food) and services

**Select the correct statement(s)**

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

**Q.54) Solution(b)****Statement Analysis:**

Statement 1	Statement 2
<b>Incorrect</b>	<b>Correct</b>
It is a quinquennial (recurring every five years) survey conducted by the National Sample Survey Office - NSSO (comes under the National Statistical Office), Ministry of Statistics and Programme Implementation	The survey reveals the average expenditure on goods (food and non-food) and services. It also helps generate estimates of household Monthly Per Capita Consumer Expenditure (MPCE) as well as the distribution of households and persons over the MPCE classes.

**Context - The All-India Household Consumer Expenditure Survey is set to resume this year (2022)**

**Q.55) With reference to 'Irrawady Dolphins', consider the following statements**

1. It is a species of freshwater dolphin found in estuaries and rivers in parts of the Bay of Bengal and Southeast Asia
2. The only concentrated lagoon populations of this species are found in Chilika Lake in Odisha

**Select the correct statement(s)**

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

**Q.55) Solution(d)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Incorrect</b>	<b>Incorrect</b>
The Irrawaddy dolphin ( <i>Orcaella brevirostris</i> ) is a euryhaline species of oceanic dolphin found in scattered subpopulations near sea coasts and in estuaries and rivers in parts of the Bay of Bengal and Southeast Asia.	Although found in much of the riverine and marine zones of South and Southeast Asia, the only concentrated lagoon populations are found in Chilika Lake in Odisha, India and Songkhla Lake in southern Thailand.

**Context - The dolphin population along Odisha's coast and in its water bodies has increased but the number of Irrawaddy dolphins in Chilika lake has fallen.**

**Q.56) Consider the following statements regarding 'Geomagnetic Storms'**

1. The frequency of geomagnetic storms increases and decreases with the sunspot cycle
2. They cause aurorae to appear at much lower latitudes than normal

**Select the correct statement(s)**

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

**Q.56) Solution(c)****Statement Analysis:**

Statement 1	Statement 2
<b>Correct</b>	<b>Correct</b>
The frequency of geomagnetic storms increases and decreases with the sunspot cycle. During solar maximum, geomagnetic storms occur more often, with the majority driven by CMEs(Coronal Mass Ejections).	Several space weather phenomena tend to be associated with or are caused by a geomagnetic storm. These include solar energetic particle (SEP) events, geomagnetically induced currents (GIC), ionospheric disturbances that cause radio and radar scintillation, disruption of navigation by

	magnetic compass and auroral displays at much lower latitudes than normal
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**Context – Earth was hit by a geomagnetic storm**

**Q.57) Consider the following statements regarding ‘Raising and Accelerating MSME Performance(RAMP) Programme’**

1. It is a World Bank assisted Central Sector Scheme
2. The scheme will provide long term interest free loans to MSME’s

**Select the correct statement(s)**

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

**Q.57) Solution(a)**

**Statement Analysis:**

<b>Statement 1</b>	<b>Statement 2</b>
<b>Correct</b>	<b>Incorrect</b>
“Raising and Accelerating MSME Performance” (RAMP) is a World Bank assisted Central Sector Scheme. It has been launched to support various Resilience and Recovery Interventions of the Ministry of Micro, Small and Medium Enterprises (MoMSME).	The programme aims at improving access to market and credit, strengthening institutions and governance at the Centre and State, improving Centre-State linkages and partnerships, addressing issues of delayed payments and greening of MSMEs. But there is no mention of interest free long term loans anywhere.

**Context - The Union Cabinet approved a USD 808 million or Rs 6,062.45 crore, World Bank assisted programme on “Raising and Accelerating MSME Performance” (RAMP)**

**Q.58) With reference to 'SVANidhi se Samridhi Program'**

1. It is a special micro-credit facility plan to provide affordable loan of up to ₹10,000 to more than 50 lakh street vendors
2. It is launched by Ministry of Housing and Urban Affairs and implemented by respective lead banks

**Select the correct statement(s)**

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

**Q.58) Solution(d)****Statement Analysis:**

Statement 1	Statement 2
<b>Incorrect</b>	<b>Incorrect</b>
The program aims to provide social security benefits to street vendors for their holistic development and socioeconomic upliftment. It is an additional program of PMSVANidhi launched under the Ministry of Housing and Urban Affairs.	Under the program, socio-economic profiling of PMSVANidhi beneficiaries and their families is conducted to assess their eligibility for 8 Government of India's welfare schemes and facilitate sanctions of eligible schemes. These schemes include Pradhan Mantri Jeevan Jyoti Bima Yojana, PM Suraksha Bima Yojana, Pradhan Mantri Jan Dhan Yojana, Registration under Building and other Constructions Workers (Regulation of Employment and Conditions of Service) Act (BOCW), Pradhan Mantri Shram Yogi Maandhan Yojana, National Food Security Act (NFSA) portability benefit – One Nation One Ration Card (ONORC), Janani Suraksha Yojana, and Pradhan Mantri Matru Vandana Yojana (PMMVY). Quality Council of India (QCI) is the implementing partner for the programme.



**Context - The Union Government has launched the 'SVANidhi se Samridhhi' program in additional 126 cities across 14 States/ UTs.**

**Q.59) Consider the following statements with respect to 'Veto Power of UN Security Council Permanent Members'**

1. Power of Veto is specifically mentioned in the Article 27 of the UN Charter
2. A permanent member that abstains or is absent from the vote will not block a resolution from being passed
3. Decisions of the UNSC on procedural matters shall be made by an affirmative vote of nine members including the concurring votes of the permanent members

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

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

**Q.59) Solution(b)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Incorrect</b>	<b>Correct</b>	<b>Incorrect</b>
Although the "power of veto" is not mentioned by name in the UN Charter, Article 27 requires concurring votes from the permanent members. For this reason, the "power of veto" is also referred to as the principle of "great power unanimity" and the veto itself is sometimes referred to as the "great power veto"	A permanent member that abstains or is absent from the vote will not block a resolution from being passed.	Decisions of the UNSC on procedural matters shall be made by an affirmative vote of nine members. Decisions of the UNSC on all other matters shall be made by an affirmative vote of nine members, including the concurring votes of the permanent members.

**Context - Liechtenstein is convening the UN General Assembly to debate a draft resolution -- backed by the US -- requiring the five permanent members of the UN Security Council to justify their use of the veto.**

**Q.60) Pradhan Mantri Dakshta Aur Kushalta Sampann Hitgrahi (PM-DAKSH) Yojana is being implemented by**

- a) Ministry of Social Justice and Empowerment
- b) Ministry of Skill Development and Entrepreneurship
- c) Ministry of Labour and Employment
- d) Ministry of Textiles

**Q.60) Solution(a)**

Ministry of Social Justice and Empowerment has launched 'PM-DAKSH' (Pradhan Mantri Dakshta Aur Kushalta Sampann Hitgrahi) Portal and 'PM-DAKSH' Mobile App to make the skill development schemes accessible to the target groups - Backward Classes, Scheduled Castes and Safai Karamcharis. The scheme is being implemented by the Ministry of Social Justice and Empowerment from the year 2020-21

**Context –The scheme was in news**

**Q.61) Consider the following statements with respect to Jute cultivation**

- 1. It requires well drained alluvial soil and requires rainfall of more than 250 cm
- 2. India is the largest exporter of jute followed by Bangladesh

**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>
Jute requires well drained alluvial soil with temperatures between 25-35 degree Celsius and rainfall around 150-250 cm. Jute is mainly concentrated in eastern India because of the rich alluvial soil of Ganga-Brahmaputra delta.	India is the largest producer of jute followed by Bangladesh and China. However, in terms of acreage and trade, Bangladesh takes the lead accounting for three-fourth of the global jute exports in comparison to India's 7%.

**Context – Jute mills experienced crisis in West Bengal.**

**Q.62) With reference to 'Indian Elephants', consider the following statements**

1. Project Elephant is a central sector scheme launched in 1992 for the protection of elephants
2. Kerala has the highest number of Elephants among the states in India
3. It is listed as 'Vulnerable' in the IUCN Red List and comes under Schedule I of the Wildlife Protection Act of 1972

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

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

**Q.62) Solution(d)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Incorrect</b>	<b>Incorrect</b>	<b>Incorrect</b>
Project Elephant is a centrally sponsored scheme and was launched in February 1992 for the protection of elephants, their habitats and corridors. The Ministry of Environment, Forest and Climate Change	As per Elephant Census (2017), Karnataka has the highest number of elephants (6,049), followed by Assam (5,719) and Kerala (3,054).	It is listed as 'Endangered' in the IUCN Red List and comes under Schedule I of the Wildlife Protection Act of 1972 and Appendix I of CITES.

provides financial and technical support to major elephant range states in the country through the project.		
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**Context - Ministry of Environment, Forest and Climate Change launched a field manual named-Field Manual for Managing Human-Elephant Conflicts (HEC) in India-to guide forest staffers dealing with HEC in major elephant range states.**

**Q.63) Consider the following statements regarding 'Atal New India Challenge (ANIC 2.0)'**

1. It is a flagship program of Ministry of Science and Technology
2. It aims to address the Commercialization Valley of Death

**Select the correct statement(s)**

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

**Q.63) Solution(b)**

**Statement Analysis:**

<b>Statement 1</b>	<b>Statement 2</b>
<b>Incorrect</b>	<b>Correct</b>
Atal New India Challenge is a flagship program of Atal Innovation Mission, NITI Aayog. The program aims to seek, select, support and nurture technology-based innovations that solve sectoral challenges of national importance and societal relevance.	The Atal New India Challenge aims to address the Commercialization Valley of Death - supporting innovators scale over the risks associated with access to resources for testing, piloting and market creation.

**Context - Atal Innovation Mission launched the phase 1 of the 2nd edition of the Atal New India Challenge (ANIC 2.0).**

**Q.64) 'Anang Tal' lake seen in news is in**

- a) Uttarakhand
- b) Himachal Pradesh
- c) NCT of Delhi
- d) Haryana

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

Anang Tal is situated to the north of Jog Maya temple, northwest of Qutub Complex and dates back to 1,060 AD. Historical literature refers that Alauddin Khalji utilised the water of this tank to build Alai minar and extended the Qutub-ul-Islam Mosque. The Anang Tal lake in South district of Delhi, believed to have been built by Tomar King, Anangpal II, could be declared a national monument.

**Context – The lake was declared a national monument.**

**Q.65) Consider the following statements regarding 'State of the World's Forests Report'**

1. The report is released by World Wide Fund for Nature and United Nations Environment Programme
2. More than half of world GDP depends moderately or highly on ecosystem services.
3. The world has lost approximately 16.34% of its total forest area in the last 30 years although the rate of deforestation was declining

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

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

**Q.65) Solution(b)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
Incorrect	Correct	Incorrect

The report is released by the Food and Agriculture Organization every two years.	More than half of world GDP depends moderately or highly on ecosystem services. In northeast India, more than 160 species of wild plants and fungi in local markets contribute up to 75% of the total income of some households.	The world has lost approximately 10.34% of its total forest area in the last 30 years although the rate of deforestation was declining
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**Context – The report was released recently**

**Q.66) 'Green Strategic Partnership' was launched by India with which country**

- a) Norway
- b) Denmark
- c) United States of America
- d) France

**Q.66) Solution(b)**

India and Denmark confirmed the aspirations through the GSP to take global leadership in pushing for an ambitious green energy transition. Green Strategic Partnership, established in 2020, is a 5-year action plan for green growth and focuses on green hydrogen, renewable energy, circular economy, water management etc.

**Context – India –Denmark resolved to further strengthen GSP**

**Q.67) Consider the following statements with respect to 'Light pollution'**

1. Light pollution can cause algal bloom and lower water quality
2. Light pollution can lead to increase in the atmospheric pollution

**Select the correct statement(s)**

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

d) Neither 1 nor 2

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

**Statement Analysis:**

Statement 1	Statement 2
<b>Correct</b>	<b>Correct</b>
Light pollution around lakes prevents zooplankton, such as Daphnia, from eating surface algae, causing algal blooms that can kill off the lakes' plants and lower water quality	A study presented at the American Geophysical Union meeting in San Francisco found that light pollution destroys nitrate radicals thus preventing the normal night time reduction of atmospheric smog produced by fumes emitted from cars and factories.

**Context – International Dark Sky Week was conducted recently**

**Q.68) With respect to 'Coalition for Disaster Resilient Infrastructure', consider the following statements**

1. It is a joint initiative by India and France launched at the UNFCCC summit held in Glasgow
2. Multilateral development banks, private sector and academic institutions can also become members
3. It is the first international organization whose headquarters is located in India

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

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

**Q.68) Solution(c)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
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Incorrect	Correct	Incorrect
CDRI was launched by the Indian Prime Minister Narendra Modi at the 2019 UN Climate Action Summit in September 2019. It is the sole initiative of India	The CDRI is a global partnership of national governments, UN agencies and programmes, multilateral development banks and financing mechanisms, the private sector, academic and knowledge institutions that aims to promote the resilience of infrastructure systems to climate and disaster risks, thereby ensuring sustainable development.	The CDRI is the second major coalition launched by India outside of the UN, the first being the International Solar Alliance, whose headquarters is located in India

**Context – PM addressed the fourth edition of International Coalition of Disaster Resilient Infrastructure**

**Q.69) Consider the following statements with respect to the findings of the 'National Family Health Survey – 5'**

1. There are more states that have fertility rates lesser than replacement level compared to states that have fertility rates more than replacement level
2. The survey shows an overall improvement in Sustainable Development Goals indicators in all States/Union Territories (UT's)
3. The survey for the first time also provides information regarding pre-school education, frequency of tobacco and alcohol use

**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.69) Solution(d)**



**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Correct</b>	<b>Correct</b>
The Total Fertility Rate (TFR), has further declined from 2.2 to 2.0 at the national level between NFHS 4 and 5. There are only five states in India which are above replacement level of fertility of 2.1. These states are Bihar, Meghalaya, Uttar Pradesh, Jharkhand and Manipur.	NFHS-5 shows an overall improvement in Sustainable Development Goals indicators in all States/Union Territories (UTs).	The scope of NFHS-5 is expanded in respect of the earlier round of the survey (NFHS-4) by adding new dimensions such as: Death registration, pre-school education, expanded domains of child immunization, components of micro-nutrients to children, menstrual hygiene, frequency of alcohol and tobacco use, additional components of Non-Communicable Diseases (NCDs), expanded age range for measuring hypertension and diabetes among all aged 15 years and above.

**Context – The survey was released**

**Q.70) Consider the following statements**

1. Sinai Peninsula is situated between Mediterranean Sea and Red Sea
2. West Bank is situated between Israel and Syria

**Select the correct statement(s)**

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

**Q.70) Solution(a)****Statement Analysis:**

Statement 1	Statement 2
<b>Correct</b>	<b>Incorrect</b>
The Sinai Peninsula is a peninsula in Egypt, and the only part of the country located in Asia. It is between the Mediterranean Sea to the north and the Red Sea to the south, and is a land bridge between Asia and Africa.	The West Bank is a landlocked territory near the coast of the Mediterranean in Western Asia. It is bordered by Jordan and the Dead Sea to the east and by Israel to the south, west, and north

**Context - Israel court paves way for eviction of 1,000 Palestinians from West Bank area.**

**Q.71) With reference to 'International court of Justice', consider the following statements**

1. The International Court of Justice is one of the six principal organs of the United Nations (UN)
2. The ICJ is the only international court that adjudicates general disputes between countries
3. All member states of the UN are party to the ICJ Statute and may initiate contentious cases

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

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

**Q.71) Solution(c)****Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Correct</b>	<b>Correct</b>
The International Court of Justice is one of the six	The ICJ is the only international court that	All member states of the UN are party to the ICJ Statute

principal organs of the United Nations (UN). It settles disputes between states in accordance with international law and gives advisory opinions on international legal issues.	adjudicates general disputes between countries, with its rulings and opinions serving as primary sources of international law.	and may initiate contentious cases; however, advisory proceedings may only be submitted by certain UN organs and agencies.
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**Context – Germany withdrew case against Italy over World War II at ICJ**

**Q.72) 'HYBRIT' a term seen in news is used in the context of**

- a) Transport system
- b) Steel technology
- c) Gene modification
- d) Vaccine manufacturing

**Q.72) Solution(b)**

Green Steel is the steel with the lowest carbon footprint. It can be produced using HYBRIT technology. Hydrogen Breakthrough Ironmaking Technology (HYBRIT) is a groundbreaking effort to reduce CO2 emissions and de-carbonise the steel industry.

**Context – Parliamentary committee meeting was convened on 'Transition towards Green Steel'**

**Q.73) Consider the following statements regarding 'Dhap dance'**

1. It is a classical dance of the Gaur Muria tribe of Chattisgarh
2. It is performed to praise the spirit of hunting among the tribe

**Select the correct statement(s)**

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

**Q.73) Solution(d)****Statement Analysis:**

Statement 1	Statement 2
<b>Incorrect</b>	<b>Incorrect</b>
Dhap dance is an old adivasi traditional dance of the tribes of Orissa. It is performed during the main festival of the Oriyas, 'Nuakhai'. It is the dance of Kandha tribe.	The dance is performed during marriage ceremony and more often for the sake of recreation. The dance is named so because of the accompanying instrument called 'Dhap.'

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

**Q.74) Consider the following statements with respect to 'World Anti-Doping Agency'**

1. It is a foundation created through a collective initiative led by the International Olympic Committee (IOC)
2. International Convention against Doping in Sport is a treaty initiated by WADA

**Select the correct statement(s)**

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

**Q.74) Solution(a)****Statement Analysis:**

Statement 1	Statement 2
<b>Correct</b>	<b>Incorrect</b>
The World Anti-Doping Agency is a foundation initiated by the International Olympic Committee based in Canada to promote, coordinate, and monitor the fight against drugs in sports	The International Convention Against Doping in Sport is a multilateral UNESCO treaty by which states agree to adopt national measures to prevent and eliminate drug doping in sport.

**Context – The organization was in news due to a doping incident**

**Q.75) Consider the following statements with respect to 'Tissue Culture'**

1. It is a multidisciplinary area of research that seeks to create new biological parts, devices and systems
2. Indian Council of Agricultural Research is running a Financial Assistance Scheme (FAS) to help laboratories upgrade themselves so as to produce export quality tissue culture planting material
3. Netherlands is the largest importer of Tissue Culture plants from India

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

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

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

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Incorrect</b>	<b>Incorrect</b>	<b>Correct</b>
It is the production of new plants from a small piece of plant tissue or cells removed from the growing tips of a plant in a suitable growth medium. In this process the growth medium or culture solution is very important as it is used for growing plant tissue because it contains various plant nutrients in the form of 'jelly' known as agar and plant hormones which are necessary for the growth	APEDA is running a Financial Assistance Scheme (FAS) to help laboratories upgrade themselves so as to produce export quality tissue culture planting material.	The top ten countries importing tissue culture plants from India are the Netherlands, USA, Italy, Australia, Canada, Japan, Kenya, Senegal, Ethiopia and Nepal. In 2020-2021, India's exports of tissue culture plants stood at US\$17.17 million, with the Netherlands accounting for around 50% of the shipments.

of plants.		
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**Context - Centre pushed for increased exports of tissue culture plants and offered help to exporters to access new markets**

**Q.76) Consider the following statements regarding 'Open RAN (Radio Access Network) architecture'**

1. Open RAN will create a multi-supplier RAN solution that allows for the separation between hardware and software with open interfaces.
2. Open-RAN is a technology that allows networks to be built using subcomponents from a variety of vendors

**Select the correct statement(s)**

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

**Q.76) Solution(a)**

**Statement Analysis:**

<b>Statement 1</b>	<b>Statement 2</b>
<b>Correct</b>	<b>Incorrect</b>
Open RAN will create a multi-supplier RAN solution that allows for the separation between hardware and software with open interfaces. Idea of Open RAN is to enable operators to mix and match components from different vendors	Open-RAN is not a technology, but rather an ongoing shift in mobile network architecture that allows networks to be built using subcomponents from a variety of vendors. O-RAN has an open, multi-vendor architecture for deploying mobile networks, as opposed to the single-vendor proprietary architecture.

**Context - The Ministry of Communications has signed a Memorandum of Understanding (MoU) with M/s VVDN Technologies Private Limited to facilitate registered startups, innovators and MSMEs working in the field of Open RAN (Radio Access Network) to get their product tested at the existing lab of M/s VVDN**

**Q.77) With reference to 'United Nations Convention to Combat Desertification (UNCCD)', consider the following statements**

1. It is the sole legally binding international agreement linking environment and development to sustainable land management
2. Global Land Outlook (GLO) is a UNCCD flagship publication that underscores land system challenges
3. The theme of COP 15 which took place recently was 'Restore Land to Sustain Life'

**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.77) Solution(b)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Correct</b>	<b>Incorrect</b>
UNCCD was established in 1994, the sole legally binding international agreement linking environment and development to sustainable land management.	The Global Land Outlook (GLO), the UNCCD flagship publication, underscores land system challenges, showcases transformative policies and practices, and points to cost-effective pathways to scale up sustainable land and water management.	The Theme of COP 15 of the UNCCD was 'Land. Life. Legacy: From scarcity to prosperity'

**Context - The Union Minister for Environment, Forest and Climate Change addressed the fifteenth session of the Conference of the Parties (COP15) of the United Nations Convention to Combat Desertification (UNCCD) in Cote d'Ivoire (Western Africa).**

**Q.78) Consider the following statements regarding 'AIM-PRIME (Program for Researchers in Innovation, Market Readiness, and Entrepreneurship) Playbook'**

1. It aims to promote science-based, deep technology ideas to market through training and guidance over a period of 6 months
2. AIM has collaborated with World Bank to launch this nationwide programme

**Select the correct statement(s)**

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

**Q.78) Solution(d)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Incorrect</b>	<b>Incorrect</b>
The programme aims to promote science-based, deep technology ideas to market through training and guidance over a period of 12 months. It focuses on science-based, knowledge-intensive, deep technology entrepreneurship.	AIM has collaborated with Bill & Melinda Gates Foundation (BMGF) to launch this nationwide programme which will be implemented by Venture Centre - a non-profit technology business incubator hosted by Council Of Scientific And Industrial Research– National Chemical Laboratory (CSIR-NCL).

**Context - AIM, NITI Aayog launched the AIM-PRIME Playbook to help academicians launch deep-tech spin-offs**

**Q.79) 'PRAAPTI', a portal seen in news is related to**

- a) Allocation of coal blocks
- b) Power procurement
- c) e-Gov services
- d) Panchayat Raj Institutions

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



The Union Ministry of Power has launched web portal and app namely PRAAPTI (Payment Ratification And Analysis in Power procurement for bringing Transparency in Invoicing of generators). The webportal and app aims to bring transparency in power purchase transactions between Generators and Discoms. The PRAAPTI app and web Portal will capture invoicing and payment data for various long term Power Purchasing Agreements (PPAs) from power generation companies (generators).

**Context – The portal was in news**

**Q.80) Consider the following statements regarding ‘Coastal Regulation Zones’**

1. The coastal regulation zones have been declared by the Ministry of Environment, Forest and Climate change under the Biodiversity Act of 2002
2. CRZ Rules are made by the Union environment ministry but it is implemented by state governments through their Coastal Zone Management Authorities
3. National Coastal Zone Management Authority (NCZMA) has recommended that gas-based power plants be permitted within the Island Coastal Regulation Zone area only on islands with geographical areas greater than 1000 sq. km.

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

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

**Q.80) Solution(b)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Incorrect</b>	<b>Correct</b>	<b>Incorrect</b>
The coastal regulation zones have been declared by the Ministry of Environment, Forest and Climate change under the Environment	While the CRZ Rules are made by the Union environment ministry, implementation is to be ensured by state governments through their	The National Coastal Zone Management Authority (NCZMA) has recommended that gas-based power plants be permitted within the Island

Protection Act 1986.	Coastal Zone Management Authorities.	Coastal Regulation Zone area only on islands with geographical areas greater than 100 sq. km.
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**Context - Ministry of Environment, Forest and Climate Change has approved an exemption to the laws governing the regulation of coastal zones and has paved the way for gas-powered plants to be set up at Andaman and Nicobar islands.**

**Q.81) Consider the following statements regarding 'Global Food Policy Report 2022'**

1. Global food production will grow by about 75% over 2010 levels by 2050
2. Climate change will not impact the average calorie consumption of Indians
3. The report is released by Food and Agriculture Organization

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

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

**Q.81) Solution(d)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Incorrect</b>	<b>Correct</b>	<b>Incorrect</b>
Baseline projections indicate that global food production will grow by about 60% over 2010 levels by 2050 in the context of climate change.	Climate change will not impact the average calorie consumption of Indians and this is projected to remain roughly the same at 2,600 kcal per capita per day by 2030 even in a climate change scenario.	The International Food Policy Research Institute (IFPRI) has released Global Food Policy Report: Climate Change & Food Systems

**Context – The report was released recently**

**Q.82) With reference to 'Transit Anticipatory Bail', consider the following statements**

1. It is sought when a case against a person has been filed in a state different from which he or she is likely to be arrested
2. It is mentioned in the Code of Criminal Procedure

**Select the correct statement(s)**

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

**Q.82) Solution(a)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Correct</b>	<b>Incorrect</b>
A transit anticipatory bail is sought when a case against a person has been or is likely to be filed in a state different from the one in which he or she is likely to be arrested. So the purpose of a transit bail is to allow the person bail, so they can approach the appropriate court in the state in which the case has been filed for anticipatory bail.	While Section 438 does not talk about transit anticipatory bail, courts have in the past granted such a bail to those who feared arrest. For instance, in a 1985 judgment, a two-judge bench of the Bombay High Court considered the question whether Section 438 CrPC can be used by it when the case is filed in some other state.

**Context – Bombay High Court to hear case on Transit Anticipatory Bail**

**Q.83) With reference to 'Rakhigarhi', consider the following statements**

1. It is the smallest Harappan site in the Indian subcontinent
2. The site is located in the Ghaggar-Hakra River plain

**Select the correct statement(s)**

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

**Q.83) Solution(b)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Incorrect</b>	<b>Correct</b>
Rakhigarhi is the largest Harappan site in the Indian subcontinent. At Rakhigarhi, the excavations are being done to trace its beginnings and to study its gradual evolution from 6000 BCE (Pre-Harappan phase) to 2500 BCE	The site is located in the Ghaggar-Hakra River plain some 27 km from the seasonal Ghaggar river.

**Context - The recent excavation of Harappan site of Rakhigarhi by Archaeological Survey of India (ASI) revealed the structure of some houses, lanes and drainage system.**

**Q.84) 'HS200' seen in news is a**

- a) Ransomware
- b) Genetically modified crop
- c) Unmanned aerial vehicle
- d) Rocket booster

**Q.84) Solution(d)**

The HS200 is the human-rated version of the S200 rocket booster of satellite launch vehicle GSLV Mk III, popularly known as LVM3. The HS200 is a 20-metre-long booster with a diameter of 3.2 metres and is the world's second largest operational booster using solid propellants. The booster engine is part of the Geosynchronous Satellite Launch Vehicle MkIII (GSLV Mk III) rocket that will carry Indian astronauts to space.

**Context - Indian Space Research Organization (ISRO) successfully completed the static test of the human-rated solid rocket booster (HS200) for Gaganyaan programme**

**Q.85) Consider the following statements**

1. Iron age in Southern India is more than 4000 years old
2. Black and red ware pottery was introduced in the late Neolithic phase
3. Mayiladumparai is an important site with cultural material dating back to the Microlithic age

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

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

**Q.85) Solution(c)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Correct</b>	<b>Correct</b>
Carbon dating of excavated finds in Tamil Nadu pushes evidence of iron being used in India back to 4,200 years ago. Before this, the earliest evidence of iron use was from 1900-2000 BCE for the country, and from 1500 BCE for Tamil Nadu.	The other important findings is evidence that the late Neolithic phase in Tamil Nadu has been identified to have begun before 2200 BCE, based on a cultural deposit of 25 cm below the dated level. Archaeologists also found that black and red ware pottery	Mayiladumparai is an important site with cultural material dating back between the Microlithic (30,000 BCE) and Early Historic (600 BCE) ages.

	was introduced in the late Neolithic phase itself, rather than the widely held belief that this occurred in the Iron Age.	
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**Context – There were excavations at a site in Tamil Nadu which gave evidence of Iron usage**

**Q.86) Consider the following statements regarding 'World Forest Congress'**

1. It serves as a forum for governments, civil society and private sector to exchange views
2. It has been held under the aegis of International Union for Conservation of Nature and World Wide Fund for Nature
3. The Sustaining an Abundance of Forest Ecosystems (SAFE) initiative was launched by WFC at the Seoul convention

**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.86) Solution(c)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Incorrect</b>	<b>Correct</b>
WFC serves as a forum for governments, civil society and private sector to exchange views and to formulate recommendations for implementation at national, regional and global levels	It has been held (generally every six years) under Food and Agriculture Organization (FAO) since 1954. Theme for this year was "Building a Green, Healthy and Resilient Future"	Assuring the Future of Forests with Integrated Risk Management (AFFIRM) Mechanism to enable countries better understand, manage and affront forest fires and Sustaining an Abundance of Forest Ecosystems (SAFE) initiative

		were launched at WFC held at Seoul recently
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**Context - World Forestry Congress adopted Seoul Forest Declaration recently**

**Q.87) With reference to 'Places of Worship Act of 1991', consider the following statements**

1. It provides for the maintenance of the religious character of all places of worship as it existed on the 15th day of August, 1947
2. Any legal proceeding with respect to the conversion of the religious character of any place of worship existing on August 15, 1947 pending before any court are abated

**Q.87) Solution(b)**

**Statement Analysis:**

<b>Statement 1</b>	<b>Statement 2</b>
<b>Incorrect</b>	<b>Correct</b>
The act provides for the maintenance of the religious character of any place of worship as it existed on the 15th day of August, 1947. However, Section 5 stipulates that the Act shall not apply to the Ramjanmabhoomi-Babri Masjid case, and to any suit, appeal, or proceeding relating to it.	Section 4(2) says any legal proceeding with respect to the conversion of the religious character of any place of worship existing on August 15, 1947, pending before any court, shall abate — and no fresh suit or legal proceedings shall be instituted. The proviso to this subsection saves suits, appeals and legal proceedings that are pending on the date of commencement of the Act, if they pertain to the conversion of the religious character of a place of worship after the cut-off date.

**Context - Supreme Court will hear a challenge to the order of a civil court in Varanasi directing a videographic survey of the Maa Shringar Gauri Sthal in the Kashi Vishwanath temple-Gyanvapi mosque complex.**

**Q.88) Consider the following statements with respect to 'National Startup Advisory Council'**

1. The council will suggest measures to foster a culture of innovation amongst citizens and students
2. Minister of Skill Development and Entrepreneurship is the chairman of this council

**Select the correct statement(s)**

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

**Q.88) Solution(a)****Statement Analysis:**

<b>Statement 1</b>	<b>Statement 2</b>
<b>Correct</b>	<b>Incorrect</b>
<p>The functions of NSAC are –</p> <ol style="list-style-type: none"> <li>1. Suggests measures to foster a culture of innovation amongst citizens and students, promote innovation in all sectors of the economy across the country.</li> <li>2. Suggests measures to facilitate public organisations to assimilate innovation with a view to improving public service delivery, promote creation, protection and commercialization of intellectual property rights.</li> <li>3. Suggest measures to make it easier to start, operate, grow and exit businesses by reducing regulatory compliances and costs, promote ease of access to capital for startups.</li> </ol>	<p>Chairman of NSAC is the Minister for Commerce &amp; Industry and the Convener of the Council is the Joint Secretary of Department for Promotion of Industry and Internal Trade.</p>



**Context - Minister of Commerce and Industry launched the NavIC Grand Challenge at National Startup Advisory Council (NSAC) meeting.**

**Q.89) 'Macolin Convention' seen in news recently is related to**

- a) Cyber security
- b) Intellectual property
- c) 5G technology
- d) Sports competitions

**Q.89) Solution(d)**

The Council of Europe Convention on the Manipulation of Sports Competitions, known as the Macolin Convention, is a multilateral treaty aimed at checking match-fixing. It came into force on September 1, 2019.

**Context - The 12th meeting of Interpol's Match-Fixing Task Force (IMFTF), in which the Central Bureau of Investigation (CBI) was one of the participants, concluded with a call for harmonised global efforts to curb competition manipulation.**

**Q.90) Consider the following statements regarding 'Kanheri Caves'**

1. Artistic evidence of all the three vehicles of Buddhism is found here
2. Earliest reference of Kanheri is ascribed to Fa-Hien
3. Kanheri flourished under the patronage of Mauryas, Nandas and Kushanas

**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(a)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Correct</b>	<b>Incorrect</b>
Kanheri consists of excavations primarily undertaken during the Hinayana phase but also has several examples of the Mahayana stylistic architecture as well as few printings of the Vajrayana order.	Kanheri was mentioned in the travelogues of foreign travellers. The earliest reference of Kanheri is ascribed to Fa-Hein who visited India during 399-411 CE and later by several other travellers	Kanheri flourished under the patronage of Satavahana, Traikutakas, Vakatakas and Silaharas and through donations made by the wealthy merchants of the region. Its importance is heightened by the fact that it is the only centre where a continuous progression of Buddhist faith and architecture is observed as an unbroken legacy right from 2nd century CE (cave no. 2 stupa) to 9th century CE

**Context - Ministry of Tourism inaugurated public amenities at Kanheri Caves.**

**Q.91) 'Filament barb' seen in news recently is a**

- a) Organic LED
- b) Freshwater fish
- c) Bird of prey
- d) Invasive alien species

**Q.91) Solution(b)**

Olive barbs, Filament barb, Highfin barb and Carnatic carp are freshwater fish species used to be found widely in the Idamalayar Dam, Bhoothathankettu, and the Kol fields of Thrissur district, Kerala. However, indiscriminate fishing and changes in habitat conditions have brought these species, especially Kuruva Paral, to the brink of extinction. Conservation measures are taken up under the United Nations Development Programme (UNDP)-India High Range Landscape project.

**Context – Species were in news.**

**Q.92) Consider the following statements regarding 'Radio- frequency identification'**

1. RFID does not require the tag to be in the line of sight
2. RFID can operate in low, high as well as ultra-high frequencies

**Select the correct statement(s)**

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

**Q.92) Solution(c)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Correct</b>	<b>Correct</b>
Unlike a barcode, the tag does not need to be within the line of sight of the reader, so it may be embedded in the tracked object. RFID is one method of automatic identification and data capture (AIDC).When triggered by an electromagnetic interrogation pulse from a nearby RFID reader device, the tag transmits digital data, usually an identifying inventory number, back to the reader.	RFID can operate in low, high as well as ultra-high frequencies. It can also operate in microwave frequencies.

**Context – Amarnath pilgrims would be tracked using RFID**

**Q.93) With reference to 'Fostering Effective Energy Transition report', consider the following statements**

1. Industrial activity generates more than 30% of anthropogenic emissions according to the report
2. It is a biennial report released by the World Economic Forum
3. The report calls for a collaboration between governments, policy-makers, financiers, researchers and non-governmental organizations

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

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

**Q.93) Solution(c)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Incorrect</b>	<b>Correct</b>
Industrial activity generates more than 30% of anthropogenic emissions, yet many industries face considerable challenges to decarbonize. Going forward, "clean demand" signals could be a turning point to accelerate "clean supply"	It is an annual country benchmarking report by the World Economic Forum (WEF).	Collaboration between the wider ecosystem of stakeholders, such as governments, policy-makers, financiers, researchers and non-governmental organizations (e.g. emission measurement standards, integrated research for low-carbon technologies, public-private partnerships, etc.).

**Context – The report was released by World Economic Forum**

**Q.94) Consider the following statements regarding 'Wild Poliovirus'**

1. Wild poliovirus type 1 and 2 have been eliminated and only type 3 remains
2. India was declared polio free in 2019 after three consecutive years of zero cases

**Select the correct statement(s)**

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

**Q.94) Solution(d)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Incorrect</b>	<b>Incorrect</b>
There are three wild types of poliovirus (WPV) – type 1, type 2, and type 3. People need to be protected against all three types of the virus in order to prevent polio disease and the polio vaccination is the best protection. Type 2 wild poliovirus was declared eradicated in September 2015, with the last virus detected in India in 1999. Type 3 wild poliovirus was declared eradicated in October 2019. It was last detected in November 2012. Only type 1 wild poliovirus remains.	India was declared polio-free in January 2014, after three years of zero cases, an achievement that is widely believed to have been spurred by the successful Pulse Polio campaign.

**Source: Wild poliovirus type1 was recently detected in Mozambique**

**Q.95) Consider the following statements**

1. Article 161 provides the power to grant pardons to the Governor of a State against any law relating to a matter to which the executive power of the State extends
2. Article 142 states that the Supreme Court in the exercise of its jurisdiction may pass such decree or make such order as is necessary for doing complete justice in any cause or matter pending before it
3. Article 74 empowers the President the power to grant pardons, reprieves, respites or remissions of punishment or to suspend, remit or commute the sentence of any person convicted of any offence

**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.95) Solution(a)****Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Correct</b>	<b>Incorrect</b>
Article 161 provides that the Governor of a State shall have the power to grant pardons, reprieves, respites or remissions of punishment or to suspend, remit or commute the sentence of any person convicted of any offence against any law relating to a matter to which the executive power of the State extends.	Article 142 states that the Supreme Court in the exercise of its jurisdiction may pass such decree or make such order as is necessary for doing complete justice in any cause or matter pending before it	Article 72 empowers the President the power to grant pardons, reprieves, respites or remissions of punishment or to suspend, remit or commute the sentence of any person convicted of any offence

**Context – Supreme Court recently invoked Article 142 to release a convict.**

**Q.96) Consider the following statements regarding 'Indo-Pacific Economic Framework'**

1. It is an economic partnership among QUAD countries led by USA
2. The framework includes special access to United States of America's market

**Select the correct statement(s)**

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

**Q.96) Solution(d)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Incorrect</b>	<b>Incorrect</b>
Although the framework is planning to be launched on the sideline of Quad summit, IPEF is not going to be an initiative by the Quad.	The IPEF is not a traditional trade agreement. Rather, it would include different modules (four pillars) covering: fair and resilient trade, supply chain resilience, infrastructure and decarbonization and tax and anti-corruption. The IPEF will not include access to the US market

**Context – IPEF is set to be launched on the sidelines of QUAD meet**

**Q.97) With reference to 'Sangita Kalanidhi' awards, consider the following statements**

1. It is the title awarded yearly to a Carnatic musician
2. The awards are a subclass of Sangeet Natak Academy awards

**Select the correct statement(s)**

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

d) Neither 1 nor 2

**Q.97) Solution(a)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Correct</b>	<b>Incorrect</b>
Sangeetha Kalanidhi is the title awarded yearly to a Carnatic musician by the Madras Music Academy	The awards are not a sub-class of Sangeet Natak Academy awards. It is considered as the highest accolade in the field of Carnatic music, it came into existence in 1942

**Context – The awards were announced recently**

**Q.98) With reference to ‘Look-out Circular’, consider the following statements**

1. It is a notice to stop any individual wanted by the police, investigating agency or even a bank from leaving the country
2. Central Bureau of Investigation is the sole designated authority to issue LOC's
3. A notice of 15 days is to be given to the person before seeking an LOC

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

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

**Q.98) Solution(b)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Incorrect</b>	<b>Incorrect</b>
A Look Out Circular (LOC) is a notice to stop any individual wanted by the police,	A large number of agencies which includes the Central Bureau of Investigation (CBI),	There is no such provision. Infact, the person against whom an LOC is issued is



investigating agency or even a bank from leaving or entering the country through designated land, air and sea ports.	Enforcement Directorate, Directorate of Revenue Intelligence (DRI), Income Tax, State police and intelligence agencies are authorised to generate LOCs.	unaware about his status
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**Context – A politician approached the authorities to know if an LOC is issued against him**

**Q.99) 'Trimeresurus Mayaae' a newly discovered species found in Meghalaya is a**

- a) Blind fish
- b) Rare butterfly
- c) Viper snake
- d) Medicinal herb

**Q.99) Solution(c)**

Trimeresurus Mayaae, a new species of snake has been discovered at Umroi Military Station in the Ri-Bhoi district of Meghalaya. Locally it is known as U Thlen, it is believed to be a malevolent and evil spirit that takes the form of a huge, man-eating snake.

**Context – The species was discovered recently**

**Q.100) Consider the following statements with respect to 'Biological Diversity (Amendment) Bill,2021'**

1. The term 'codified traditional knowledge' has been explicitly defined
2. The Bill decriminalizes all offences under the Act
3. The Bill removes research and bio-survey activities from the purview of benefit sharing requirements

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

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

**Q.100) Solution(b)****Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Incorrect</b>	<b>Correct</b>	<b>Correct</b>
The term codified traditional knowledge has not been defined. A broad interpretation might exempt all local traditional knowledge from benefit sharing requirements.	The Bill decriminalizes offences under the Act and instead provides for a wide range of penalties. Further, the Bill empowers government officials to hold inquiries and determine penalties. It may be questioned whether it is appropriate to confer such discretion to government officials.	The Bill removes research and bio-survey activities from the purview of benefit sharing requirements. Benefit sharing will be based on terms agreed between the user and the local management committee represented by the National Authority.

**Context – The bill is currently being scrutinized by a Joint Parliamentary Committee**

**Q.101) Consider the following statements with respect to 'Sinkholes'**

1. They are formed where the rock below the surface of the Earth can be easily dissolved by groundwater
2. Sinkholes can be formed due to natural processes or human activity

**Select the correct statement(s)**

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

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

Statement 1	Statement 2
<b>Correct</b>	<b>Correct</b>
Sinkholes form in areas of “karst” terrains, where the rock below the surface of the Earth can be easily dissolved by groundwater. Karst terrain is created from the dissolution of soluble rocks, mostly limestone and dolomite and is characterised by distinctive landforms such as caves, sinkholes and springs.	Sinkholes can be formed due to natural processes or human activity. Sinkholes can also be formed due to human activity due to broken land drains, water mains and sewerage pipes, increased rainfall, storm events, underlying limestone and diverted surface water, among other reasons.

**Context - A cave exploration team has discovered an ancient forest with trees nearly 40 metres high at the bottom of a giant karst sinkhole in Leye County in south China**

**Q.102) 'eVTOL' is a term used in the context of**

- a) Charging Infrastructure for electric vehicles
- b) Artillery guns
- c) Urban air mobility
- d) Digital tax

**Q.102) Solution(c)**

An electric vertical take-off and landing (eVTOL) aircraft is a variety of VTOL (vertical take-off and landing) aircraft that uses electric power to hover, take off, and land vertically. This technology came due to major advances in electric propulsion (motors, batteries, fuel cells, electronic controllers) and the growing need for new vehicles for urban air mobility (air taxi).

**Context – Minister of Civil Aviation mentioned the use of eVTOL in the future**

**Q.103) Consider the following statements regarding 'International Labour Organization'**

1. It is the only tripartite agency which brings together governments, employers and workers of member States
2. India has recently ratified all the conventions of ILO
3. World Employment and Social Outlook is published by ILO

Choose the correct answer using the code given below

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

**Q.103) Solution(b)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Incorrect</b>	<b>Correct</b>
The ILO, headquartered at Geneva, Switzerland, is a specialized agency of the United Nations (UN). It was established in 1919, as part of the Treaty of Versailles. It is the only tripartite N. agency which brings together governments, employers and workers of 187 member States.	India has not ratified two of the 8 conventions. They are Freedom of Association and Protection of the Right to Organize Convention 1948(No. 89) and Right to Organize and Collective Bargaining Convention, 1949 (No. 98).	World Employment and Social Outlook and Global Wage Report are published by ILO

**Context – World may have lost 11 crore jobs according to a report released by ILO**

**Q.104) Consider the following statements with respect to 'Biological Research Regulatory Approval Portal (BioRRAP)'**

1. This portal provides a single route dedicated for research related activities and product development
2. It has been launched under the Ministry of Science and Technology

**Select the correct statement(s)**

- a) 1 only

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

**Q.104) Solution(b)****Statement Analysis:**

Statement 1	Statement 2
<b>Incorrect</b>	<b>Correct</b>
BioRRAP provides a single route to direct the applicant to regulatory agencies providing requisite approval relevant to the biological research. According to the secretary of DBT, this portal is dedicated only for research related activities and not for product development.	It is developed by the Department of Biotechnology, Ministry of Science and Technology, Government of India, to track the regulatory approvals for a research proposal on a single portal.

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

**Q.105) Consider the following statements**

1. Green hydrogen is produced by using clean energy from surplus renewable energy sources
2. National Hydrogen Mission aims to generate 5 million tonnes of Green Hydrogen by 2030
3. Currently Green Hydrogen makes up around 5% of overall hydrogen production

**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.105) Solution(a)****Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Incorrect</b>	<b>Incorrect</b>
Green hydrogen is produced by using clean energy from surplus renewable energy sources, such as solar or wind power, to split water into two hydrogen atoms and one oxygen atom through a process called electrolysis. This makes green hydrogen the cleanest option – hydrogen from renewable energy sources without CO <sub>2</sub> as a by-product.	India plans to manufacture 5 million tonnes of green hydrogen per year by 2030. It's not a total of 5 million tonnes of Green Hydrogen by 2030.	It currently makes up about 0.1% of overall hydrogen production, but this is expected to rise as the cost of renewable energy continues to fall.

**Context - Minister of Petroleum and Natural Gas claimed that India will emerge as the leader of green hydrogen.**

**Q.106) Consider the following statements regarding 'Prithviraj Chauhan'**

1. He defeated the invading Ghurids in the First Battle of Tarain in 1191
2. His contemporaries were Pratiharas and Chalukyas of Gujarat

**Select the correct statement(s)**

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

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

**Statement Analysis:**

Statement 1	Statement 2
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Correct	Incorrect
While Prithviraj's army was able to decisively defeat the invading Ghurids in the First Battle of Tarain (present-day Haryana) in 1191, he was defeated in the Second Battle of Tarain in the following year.	Prithviraj belonged to the Chauhan or Chahaman dynasty of Ajmer which emerged after the decline of the Pratihara empire in the 11th century AD. He struggled against the Chalukyas of Gujarat, and was forced to look towards the Ganga valley instead.

**Context – A movie depicting Prithviraj Chauhan is in news**

**Q.107) 'Alliance of CEO Climate Action Leaders' initiative was launched by**

- UNFCCC
- Coalition for Disaster Resilient Infrastructure
- United Nations Environment Programme
- World Economic Forum

**Q.107) Solution(d)**

The World Economic Forum (WEF) launched the India chapter of the Alliance of CEO Climate Action Leaders to supercharge India's climate action and decarbonization efforts. It is part of the World Economic Forum's Climate Action Platform, the alliance will continue efforts to achieve the vision outlined in the white paper released last year, 'Mission 2070: A Green New Deal for a Net Zero India', on India's low-carbon transition by 2070.

**Context – The initiative was launched recently**

**Q.108) Consider the following statements regarding 'Monkeypox'**

- It is a zoonotic disease that occurs primarily in tropical rainforest areas of South America
- The virus which causes the disease is an enveloped double-stranded DNA virus
- Currently no vaccine has been licensed for use against Monkeypox

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

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

**Q.108) Solution(b)****Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Incorrect</b>	<b>Correct</b>	<b>Incorrect</b>
Monkeypox is a viral zoonotic disease that occurs primarily in tropical rainforest areas of central and west Africa and is occasionally exported to other regions.	Monkeypox virus is an enveloped double-stranded DNA virus that belongs to the Orthopoxvirus genus of the Poxviridae family.	The clinical presentation of monkeypox resembles that of smallpox. An antiviral agent developed for the treatment of smallpox has also been licensed for the treatment of monkeypox.

**Context – Monkeypox disease has spread to 19 countries.**

**Q.109) With reference to 'e-waste management in India', consider the following statements**

1. e-waste is largely recycled by the local municipal bodies in India
2. Central Pollution Control Board is the nodal agency responsible for the implementation of e-waste rules.

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

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

**Q.109) Solution(b)****Statement Analysis:**

Statement 1	Statement 2
<b>Incorrect</b>	<b>Correct</b>
Most of India's e waste is	Central Pollution Control



recycled by the informal sector. It is estimated that 95 percent of e-waste is being recycled through the informal sector	Board (CPCB) is the nodal agency that will coordinate the trade of EPR certificates and monitor if companies are meeting their targets.
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**Context - The Environment Ministry released a draft notification for electronic waste management for public feedback**

**Q.110) Consider the following applications**

1. Wearable Soft Robots
2. Surgical assistance
3. Prosthetics
4. Exosuits
5. Bio-mimicry

**Choose the potential applications of 'Soft robotics' using the code given below**

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

**Q.110) Solution(d)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3	Statement 4	Statement 5
<b>Correct</b>	<b>Correct</b>	<b>Correct</b>	<b>Correct</b>	<b>Correct</b>
The soft robotic approach to this problem is perhaps the most viable in that it allows us to mimic the motion of these soft tissues and	Soft robots can be implemented in the medical profession, specifically for invasive surgery. Soft robots can be made to assist surgeries	Soft robotics makes it possible for us to create fully-functional body parts that can not only adjust to human motion but also mimic it. This is	Soft robots may also be used for the creation of flexible exosuits, for rehabilitation of patients, assisting the elderly, or simply enhancing the	An application of bio-mimicry via soft robotics is in ocean or space exploration. In the search for extraterrestrial life, Soft robots could be used to

doesn't require any bulky equipment or external compression.	due to their shape changing properties.	done through the use of highly flexible materials such as thermoplastic polyurethane (TPU).	user's strength.	mimic sea creatures that can efficiently maneuver through water.
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**Context - Scientists have developed a smart material which responds to light stimulus can harness solar energy for applications in soft robotics.**

**Q.111) Consider the following statements regarding 'National Achievement Survey'**

1. It is an evaluation survey of children's foundational literacy and numeracy at the end of grade V
2. It is conducted by the Ministry of Education every year

**Select the correct statement(s)**

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

**Q.111) Solution(d)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Incorrect</b>	<b>Incorrect</b>
The survey assesses the health of school education system in the country by conducting comprehensive evaluation survey of children's learning competencies at classes III, V, VIII and X with a cycle period of three years.	The report is released by the Department of School Education and Literacy, Ministry of Education released the National Achievement Survey (NAS) 2021 report. The last NAS was held in 2017.

**Context – The report was released recently**

**Q.112) 'Wanchuwa' festival is celebrated in the state of**

- a) Himachal Pradesh
- b) Uttarakhand
- c) Assam
- d) Tripura

**Q.112) Solution(c)**

Wanshuwa is an important religious festival of the Tiwa living in Amkha and Marjong villages in Karbi Anglong district of Assam. It is celebrated once in five or six years.

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

**Q.113) Consider the following statements regarding 'Target Olympic Podium Scheme'**

1. The Mission Olympic Cell is a dedicated body created to assist the athletes who are selected under the TOP Scheme
2. The scheme currently supports individual sport disciplines only
3. It is a flagship program of the Ministry of Youth Affairs and Sports

**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.113) Solution(c)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Incorrect</b>	<b>Correct</b>
The Mission Olympic Cell is a dedicated body created to assist the athletes who are selected under the TOP	The Scheme currently supports 104 TOPS Core Group athletes across 13 sports disciplines & Hockey	TOPS (Target Olympic Podium Scheme) is a flagship program of the Ministry of Youth Affairs and Sports which is an

Scheme. The MOC is under the Chairmanship of the Director-General, Sports Authority of India (DG, SAI). The idea of the MOC is to debate, discuss and decide the processes and methods so that the athlete receives the best assistance.	(M & W) teams and 269 TOPS Development Group athletes across 12 sports disciplines.	attempt to provide assistance to India's top athletes. The Scheme looks to add a premium to the preparations of these athletes so that they can win medals in the Olympics
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**Context - Government Approved TOPS Development swimmer to train abroad for the World Junior Championships**

**Q.114) With reference to 'Sugarcane Production' in India, consider the following statements**

1. The sugar produced in Southern India has higher sucrose content compared to Northern India
2. Most of the sugar production in India takes at local Cooperative Sugar mills
3. India is the second largest producer and the largest exporter of sugar in the world

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

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

**Q.114) Solution(b)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Correct</b>	<b>Incorrect</b>
There is higher output of sugar in South India because the yield per hectare is high in southern India. The sucrose content in sugarcane is high in	Sugar industry is the second largest agro-based industry in India with 530 licensed factories out of which 56% in co-operative sector with	India is the second largest sugar producer in the world after Brazil. However, Brazil has always led in terms of exports.

southern India as compared to that in northern India	62% of total sugar production	
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**Context – Government of India placed restrictions on sugarcane exports**

**Q.115) Consider the following statements regarding 'National Investigation Agency'**

1. The Agency seeks the sanction of the Central Government for prosecuting the accused under the Unlawful Activities (Prevention) Act, 1967
2. The Special Court set up under NIA is presided over by a judge appointed by the Central Government on the recommendation of the Chief Justice of India

**Select the correct statement(s)**

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

**Q.115) Solution(a)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Correct</b>	<b>Incorrect</b>
The Agency seeks the sanction of the Central Government for prosecuting the accused under the Unlawful Activities (Prevention) Act, 1967 (UAPA) and certain other scheduled offenses. The sanction is granted under the UAPA based on the report of the 'Authority' constituted under section 45 (2) of the UAPA.	The Central Government for the trial of Scheduled Offenses, constitutes one or more Special Courts under Section 11 and 22 of the NIA Act 2008. The Special Court shall be presided over by a judge to be appointed by the Central Government on the recommendation of the Chief Justice of the High Court.

**Context - Special court of NIA sentenced Kashmiri separatist leader Yasin Malik to life imprisonment in a terror funding case.**

**Q.116) 'C3iVazra' seen in news is related to**

- a) Security operations
- b) Anti-virus
- c) Precious stones
- d) Super computer

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

The Security Operation Centre (SoC) titled C3iVazra has protected the computers that monitor the highways across the country and has alerted about potential dangers. C3iVazra provides supervisory monitoring by gathering the real-time event, and log feeds from the endpoints, packet data from the network and the internet, and processes these feeds to generate threat intelligence and ensure network security of the organization. Major benefits of this solution are increased efficiency in incident response, reduced impact of security breaches, better reporting and notification, log analysis, and retention.

**Context - A surveillance system installed at the National Highways Authority of India headquarters at Dwarka keeps track of the health of all the computers in its network, flagging attempts to hack into the system, malware in systems within the network, or malfunctioning programme being used.**

**Q.117) With reference to 'coal gasification', consider the following statements**

1. All coal gasification-based conversion processes require removal of hydrogen sulfide
2. Dyes, organic compounds and even medicines can be derived from coal gas
3. Coal-derived syngas can be converted into transportation fuels such as gasoline and diesel directly

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

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

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

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Correct</b>	<b>Incorrect</b>
All coal gasification-based conversion processes require removal of hydrogen sulfide (H <sub>2</sub> S; an acid gas) from the syngas as part of the overall plant configuration. Typical acid gas removal (AGR) processes employed for gasification design are either a chemical solvent system (e.g., amine gas treating systems based on MDEA, for example) or a physical solvent system (e.g., Rectisol or Selexol)	The by-products of coal gas manufacture included coke, coal tar, sulfur and ammonia; all useful products. Dyes, medicines, including sulfa drugs, saccharin and many organic compounds are therefore derived from coal gas.	Coal-derived syngas can be converted into transportation fuels such as gasoline and diesel through additional treatment. The Fischer-Tropsch process is the main process used for the production of coal-derived liquid fuels

**Context - Government of India has set a target to achieve 100 Million Tonnes Coal Gasification by 2030**

**Q.118) Consider the following**

1. Palk Bay
2. Gulf of Mannar
3. Palk strait

**Arrange the options given above from North to South**

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

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



Context - During Prime Minister's visit to Tamil Nadu, Tamil Nadu Chief Minister has asked for retrieval of Katchatheevu Island from Sri Lanka.

Q.119) Consider the following statements regarding 'Project 75'

1. The submarines built under this program have advanced stealth features and sensor suite
2. INS Khanderi is the second submarine designed and built indigenously under this program

Select the correct statement(s)



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

**Q.119) Solution(a)****Statement Analysis:**

Statement 1	Statement 2
<b>Correct</b>	<b>Incorrect</b>
The submarines have advanced stealth features and are equipped with both long range guided torpedoes as well as anti-ship missiles. These submarines have a state-of-the-art SONAR and sensor suite permitting outstanding operational capabilities.	INS Khanderi (S22) is the second of the Indian Navy's six Kalvari-class submarines being built in India. It is a diesel-electric attack submarine which was designed by French naval defence and energy company DCNS and manufactured at Mazagon Dock Limited in Mumbai.

**Context - Raksha Mantri Shri Rajnath Singh undertook sea sortie on stealth submarine 'INS Khanderi' at Karwar.**

**Q.120) Consider the following statements regarding 'Permanent Court of Arbitration'**

1. The court is a specialized agency of the United Nations located in Hague
2. It has original jurisdiction for cases arising out of UN Convention on the Law of the Seas
3. Each member state may appoint up to four arbitrators for a renewable 6-year term

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

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

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

Statement 1	Statement 2	Statement 3
<b>Incorrect</b>	<b>Incorrect</b>	<b>Correct</b>
The organization is not a United Nations agency but the PCA is an official United Nations Observer. The Permanent Court of Arbitration (PCA) is a non-UN intergovernmental organization located in The Hague, Netherlands.	The United Nations Convention on the Law of the Sea (UNCLOS) provides for a dispute resolution mechanism regarding maritime boundaries in which member states can choose either the International Tribunal for the Law of the Sea, International Court of Justice, arbitral tribunal (constituted in accordance with Annex VII, UNCLOS), a special arbitral tribunal (constituted in accordance with Annex VIII).	The judges or arbitrators that hear cases are called Members of the Court. Each member state may appoint up to four "of known competency in questions of international law, of the highest moral reputation and disposed to accept the duties of arbitrators" for a renewable 6-year term

**Context – Philippines President-elect vowed to uphold PCA ruling over the disputed South China sea against China**

**Q.121) With reference to ‘Madden-Julian Oscillation’, consider the following statements**

1. It is a westward moving pulse of cloud and rainfall near the equator that typically recurs every 30 to 60 days
2. A break in the monsoon has been attributed to the Madden–Julian oscillation
3. It is not a standing pattern unlike the El-Nino Southern Oscillation

**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.121) Solution(c)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Incorrect</b>	<b>Correct</b>	<b>Correct</b>
The Madden-Julian Oscillation (MJO) is the major fluctuation in tropical weather on weekly to monthly timescales. The MJO can be characterised as an eastward moving 'pulse' of cloud and rainfall near the equator that typically recurs every 30 to 60 days.	A period of warming sea surface temperatures is found five to ten days prior to a strengthening of MJO-related precipitation across southern Asia. A break in the Asian monsoon, normally during the month of July, has been attributed to the Madden-Julian oscillation after its enhanced phase moves off to the east of the region into the open tropical Pacific Ocean.	Unlike a standing pattern like the El Niño–Southern Oscillation (ENSO), the Madden–Julian oscillation is a traveling pattern that propagates eastward, at approximately 4 to 8 m/s (14 to 29 km/h; 9 to 18 mph), through the atmosphere above the warm parts of the Indian and Pacific oceans

**Context – It was in news due to the delayed onset of monsoon over Kerala**

**Q.122) 'AKRUTI' an initiative seen in news is related to**

- Artist welfare
- Youth entrepreneurship
- Research fellowship
- Food certification

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

The Nuclear Power Corporation of India Limited (NPCIL) is equipping the unemployed youth of 16 village panchayats under the Tarapur Atomic Power Station (TAPS) colony with techno entrepreneurial skills through its Advanced Knowledge and Rural Technology Implementation (AKRUTI) programme and is all set to launch similar initiatives in villages surrounding the Kudankulam Nuclear Power Project (KKNPP)

**Context – The initiative was launched recently**

**Q.123) Consider the following statements with respect to 'Information Fusion Centre- Indian Ocean Region'**

1. It was launched by Indian Ocean Rim Association and is headquartered in Gurugram
2. It intends to develop maritime domain awareness and share information on grey shipping

**Select the correct statement(s)**

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

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

**Statement Analysis:**

Statement 1	Statement 2
<b>Incorrect</b>	<b>Incorrect</b>
Indian launched the IFC-IOR, at Information Management and Analysis Centre (IMAC) Gurugram In December 2018.	IFC-IOR aims to engage with partner nations and multi-national maritime constructs to develop comprehensive maritime domain awareness and share information on vessels of interest(White shipping)

**Context - There are infrastructure constraints and continued delay in posting Indian liaison officers at IFC-IOR**

**Q.124) Consider the following statements regarding 'UN-Habitat'**

1. It is a specialized agency of the United Nations for human settlements and sustainable urban development
2. It is mandated by the United Nations General Assembly to promote socially and environmentally sustainable towns

**Select the correct statement(s)**

- a) 1 only

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

**Q.124) Solution(b)****Statement Analysis:**

Statement 1	Statement 2
<b>Incorrect</b>	<b>Correct</b>
The United Nations Human Settlements Programme (UN-Habitat) is the United Nations programme for human settlements and sustainable urban development. It is not a specialized agency of United Nations	It is mandated by the United Nations General Assembly to promote socially and environmentally sustainable towns and cities with the goal of providing adequate shelter for all. It is a member of the United Nations Development Group

**Context - UN-Habitat has found multi-hazard vulnerabilities, urban sprawl, weak urban mobility and “green-blue disconnect” as the pressing issues for Jaipur city.**

**Q.125) Consider the following statements with respect to ‘Community Forest Rights’**

1. It is specifically mentioned in the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act
2. These rights allow the community to formulate rules for forest use by itself and others
3. Chhattisgarh has become the first state in the country to recognise Community Forest Resource (CFR) rights

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

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

**Q.125) Solution(c)****Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Correct</b>	<b>Correct</b>	<b>Incorrect</b>
The Community Forest Resource rights under Section 3(1)(i) of the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act (commonly referred to as the Forest Rights Act or the FRA) provide for recognition of the right to “protect, regenerate or conserve or manage” the community forest resource.	These rights allow the community to formulate rules for forest use by itself and others and thereby discharge its responsibilities under Section 5 of the FRA.	Chhattisgarh has recognised nearly 4,000 CFR rights in the state. Kanger Ghati National Park is the second national park, after Simlipal in Odisha, where CFR rights have been recognised.

**Context - The Chhattisgarh government has become only the second state in the country to recognise Community Forest Resource (CFR) rights**

**Q.126) India's largest trading partner in fiscal 2021-22 is**

- a) China
- b) United Arab Emirates
- c) Singapore
- d) United States of America

**Q.126) Solution(d)**

The bilateral trade between the U.S. and India stood at \$119.42 billion in 2021-22 as against \$80.51 billion in 2020-21. Exports to the U.S. increased to \$76.11 billion in 2021-22 from \$51.62 billion in the previous fiscal year, while imports rose to \$43.31 billion from about \$29 billion. During 2021-22, India's two-way commerce with China aggregated at \$115.42 billion as compared to \$86.4 billion in 2020-21.

**Context – USA surpassed China as India's largest trading partner**

**Q.127) Consider the following statements regarding 'West Nile virus'**

1. The West Nile Virus is a mosquito-borne double-stranded DNA virus
2. Birds are the natural host and reservoir of WNV

3. It can spread through blood transfusion and also from an infected mother to her child

**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.127) Solution(b)**

**Statement Analysis:**

Statement 1	Statement 2	Statement 3
<b>Incorrect</b>	<b>Correct</b>	<b>Correct</b>
The West Nile Virus is a mosquito-borne, single-stranded RNA virus. It is “a member of the flavivirus genus and belongs to the Japanese Encephalitis antigenic complex of the family Flaviviridae”.	It is transmitted by infected mosquitoes between and among humans and animals, including birds, which are the reservoir host of the virus.	WNV can also spread through blood transfusion, from an infected mother to her child, or through exposure to the virus in laboratories.

**Context - The Kerala health department is on alert after the death of a 47-year-old from Thrissur due to the West Nile Virus.**

**Q.128) Consider the following statements regarding ‘Thanjavur dolls’**

- 1. It is a type of traditional Indian bobblehead or roly-poly toy made of terracotta
- 2. They have been recognized as a Geographical Indication by the Government of India

**Select the correct statement(s)**

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

**Q.128) Solution(c)****Statement Analysis:**

Statement 1	Statement 2
<b>Correct</b>	<b>Correct</b>
The Thanjavur doll is a type of traditional Indian bobblehead or roly-poly toy made of terracotta material. The centre of gravity and total weight of the doll is concentrated at its bottom-most point, generating a dance-like continuous movement with slow oscillations	They have been recognized as a Geographical Indication by the Government of India as of 2008-09

**Context - Prime Minister Narendra Modi recounted how he received an interesting gift(Thanjavur doll) by a Self-Help Group from Tamil Nadu**

**Q.129) Consider the following statements regarding 'National Data Governance Framework Policy'**

1. It addresses the methods and rules to ensure that non-personal and anonymised data are safely accessible by the research and innovation ecosystem
2. Indian Data Management Office (IDMO) shall be set up under the Ministry of Electronics and Information Technology for implementing the policy
3. It does not apply to the private players per se however they can voluntarily contribute their datasets to the data repository made under NDGFP

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

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

**Q.129) Solution(d)****Statement Analysis:**

Statement 1	Statement 2	Statement 3
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Correct	Correct	Correct
It proposes the launch of a non-personal data based India datasets programme and addresses the methods and rules to ensure that non-personal and anonymised data from both government and private entities are safely accessible by the research and innovation ecosystem.	Indian Data Management Office (IDMO) shall be set up under the Ministry of Electronics and Information Technology	Although NDGFP does not apply to the private players per se, they can voluntarily contribute their datasets to the data repository made under NDGFP.

**Context - The Ministry of Electronics and IT (MeitY) has issued a draft National Data Governance Framework policy**

**Q.130) With reference to 'International Day of United Nations Peacekeepers', consider the following statements**

1. UN Peacekeepers also known as the Blue Helmets are remembered by the world for their role in promoting security, peace and stability
2. It is used to commemorate the ceasefire of Arab-Israeli war in 1948 and is celebrated every year since then

**Select the correct statement(s)**

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

**Q.130) Solution(a)**

**Statement Analysis:**

Statement 1	Statement 2
<b>Correct</b>	<b>Incorrect</b>
For the past two decades on this day, UN Peacekeepers, also known as the Blue	It was so designated by United Nations General Assembly Resolution 57/129, on

Helmets, are remembered by the world for their role in promoting security, peace and stability. More than one million UN peacekeepers have taken part in 72 such operations since 1948.

December 11, 2002 and first celebrated in 2003. The date, May 29, marks the anniversary of the creation of the United Nations Truce Supervision Organization (UNTSO) in 1948 to monitor the ceasefire after the 1948 Arab-Israeli War, which was the first ever UN peacekeeping mission.

**Context - The International Day of UN Peacekeepers was observed on May 29, 2022**