

Sl. Questions

no.

1. The Indo-Pacific Economic Framework for Prosperity (IPEF) is a significant multilateral initiative with strategic economic implications. It aims to foster economic cooperation among member nations in the Indo-Pacific region, covering areas such as trade, supply chains, clean energy, and anti-corruption measures.

Which of the following statements regarding the IPEF is/are correct?

1. The IPEF is a formal free trade agreement that eliminates tariffs and other trade barriers among member nations.
2. One of the pillars of the IPEF focuses on digital economy and data governance, including issues such as data

localization and cross-border data flows.

3. The framework explicitly addresses military cooperation among member states to ensure regional security.
4. IPEF emphasizes the adoption of high environmental standards and the promotion of renewable energy sources.

Select the correct answer using the codes given below:

- A) 1, 2, and 3 only
- B) 2 and 4 only
- C) 1 and 3 only
- D) 2, 3, and 4 only

2. "Tarang Shakti 2024," a significant multinational naval exercise, is being conducted to enhance maritime cooperation and interoperability among participating nations. Considering the complexities of

such exercises, which of the following statements best describes the strategic objectives and implications of "Tarang Shakti 2024"?

A) It primarily focuses on humanitarian assistance and disaster relief (HADR) operations, with limited emphasis on combat readiness and joint naval maneuvers.

B) The exercise aims to counter piracy and maritime terrorism in the Indian Ocean region, with a focus on anti-submarine warfare and search and rescue operations.

C) It involves advanced naval drills, including fleet maneuvers, anti-aircraft, anti-submarine, and anti-surface warfare exercises, and is intended to bolster regional security and foster military diplomacy.

D) The exercise is centered around enhancing naval logistics and supply chain efficiency, with an emphasis on maintaining secure maritime trade routes.

3. Consider the following statements regarding the Aircraft (Amendment) Bill, 2000:

1. The Bill proposed to establish the Aircraft Accident Investigation Bureau as an independent entity responsible for investigating aviation accidents and incidents in India.
2. It introduced provisions for stricter penalties for violations related to aviation safety and security, including imprisonment and fines.
3. The Bill sought to give the Director-General of Civil Aviation (DGCA) the power to regulate all aspects of

civil aviation safety, including licensing, certification, and airworthiness of aircraft.

Which of the statements given above are correct?

- A) 1 and 2 only
- B) 2 and 3 only
- C) 1 and 3 only
- D) 1, 2, and 3

4. Lung cancer remains one of the leading causes of cancer-related deaths worldwide, with complex etiological factors and challenging diagnosis and treatment processes. Which of the following statements about lung cancer **is incorrect?**

- A) Lung cancer is predominantly caused by genetic mutations, with environmental factors such as smoking contributing minimally to its incidence.
- B) The two primary types of lung cancer are small cell lung cancer

(SCLC) and non-small cell lung cancer (NSCLC), with NSCLC being more common but SCLC being more aggressive.

C) The staging of lung cancer involves determining the size of the tumor, the involvement of nearby lymph nodes, and the presence of metastasis, commonly referred to as the TNM staging system.

D) Targeted therapy and immunotherapy are recent advancements in lung cancer treatment that specifically target cancer cells or boost the immune response, respectively, offering more personalized treatment options.

5. Which of the following statements accurately reflects the complexities of India-China relations?

A) The Line of Actual Control (LAC) is a clearly demarcated

boundary line recognized by both India and China.

B) The 1993 Agreement on the Maintenance of Peace and Tranquillity along the Line of Actual Control was the first bilateral agreement between India and China aimed at addressing their border issues.

C) The Doklam standoff occurred due to India's objection to Chinese road construction in an area claimed by both Bhutan and China, which could potentially alter the strategic balance in the region.

D) The Comprehensive Economic Partnership Agreement (CEPA) signed between India and China in 2008 significantly increased bilateral trade and investment.

6. A cloudburst is a sudden, intense rainfall over a small area, often causing flash floods and other damage. Consider the

following statements regarding cloudbursts:

1. Cloudbursts occur only in mountainous regions due to the rapid uplift of moist air.
2. The Indian Meteorological Department defines a cloudburst as a rainfall event where 10 cm or more of rain falls within an hour over a localized area.
3. Cloudbursts can result from orographic lift, convective processes, or frontal activities.
4. The intensity of a cloudburst is measured in millimetres per hour and is classified as severe if it exceeds 100 mm/hr.

Which of the above statements are correct?

- A) 1 and 2 only
- B) 2 and 3 only
- C) 1, 3, and 4 only
- D) 2, 3, and 4 only

7. The Panchvaktra Temple, an ancient temple located in Mandi, Himachal Pradesh, is notable for its architectural and cultural

significance. Consider the following statements about the temple:

1. The temple is dedicated to Lord Vishnu and is famous for its depiction of the five-headed form of the deity.

2. The architectural style of the temple is a blend of Nagara and Dravidian styles, making it unique in the region.

3. The temple has been declared a monument of national importance by the Archaeological Survey of India (ASI).

4. The festival of Shivratri is celebrated with great fervor at the temple, attracting devotees from all over the country.

Which of the above statements are correct?

- A) 1 and 2 only
- B) 2 and 3 only
- C) 3 and 4 only
- D) 1, 3, and 4 only

8. Consider the following statements regarding India-Vietnam relations:

1. India and Vietnam have signed a Comprehensive Economic Partnership Agreement (CEPA) that focuses on enhancing bilateral trade and investment.

2. The Indian Navy frequently conducts bilateral maritime exercises with the Vietnamese Navy, including the annual joint exercise 'VINBAX.'

3. The influence of Indian culture in Vietnam can be traced back to the ancient Hindu kingdom of Champa, which significantly contributed to Vietnam's cultural heritage.

4. India and Vietnam have signed the Strategic Partnership Agreement, which includes cooperation in the civil nuclear sector.

Which of the above statements is/are correct?

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

9. Consider the following statements regarding mangrove forests:
1. Mangrove forests primarily thrive in regions where the salinity of the water is low due to the influx of freshwater rivers, thereby reducing the osmotic stress on the plants.
 2. The mangrove ecosystem supports a rich biodiversity, including unique flora and fauna, many of which are adapted to the fluctuating saline and oxygen-deficient conditions.
 3. The roots of mangrove trees, such as pneumatophores, are specialized for supporting gas exchange in waterlogged soils by absorbing carbon dioxide and releasing oxygen, a process essential for their survival.
 4. Mangrove forests play a crucial role in coastal protection by acting as natural barriers against storms and tidal surges, but they have limited ability to mitigate soil erosion due to their shallow root systems.

Which of the above statements are correct?

- A) 1 and 3 only
- B) 2 and 4 only
- C) 1, 2, and 4 only
- D) 2 and 3 only

10. Consider the following statements about ransomware attacks:

1. Ransomware is a type of malware that encrypts a victim's files, making them inaccessible, and demands a ransom payment to decrypt them.
2. Double extortion is a tactic where attackers not only encrypt the victim's data but also steal it and threaten to publish it unless a ransom is paid.
3. Ransomware-as-a-Service (RaaS) refers to the practice where attackers sell or lease their

ransomware tools to other criminals for a percentage of the profits.

4. Public key encryption is commonly used in ransomware attacks to securely encrypt files, with the private key needed for decryption being held by the attackers.
5. Paying the ransom guarantees that the encrypted files will be decrypted and that the stolen data will not be published.

Which of the statements given above are correct?

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

11. Consider the following statements regarding India-US

relations:

1. The India-US Civil Nuclear Agreement, signed in 2008, was pivotal in ending India's nuclear isolation and facilitating civil nuclear cooperation between the two countries.
2. The US is a significant defense supplier to India, with the two nations conducting the annual Malabar naval exercise.
3. The Comprehensive Global Strategic Partnership, established in 2019, marks a significant milestone in bilateral relations, focusing on areas such as defense, trade, and technology.

Which of the above statements is/are correct?

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

(d) 1, 2, and 3

12. The **Axiom-4 mission** represents a significant milestone in the commercialization of space travel. As the fourth private astronaut mission to the International Space Station (ISS), it involves collaboration between Axiom Space, NASA, and international partners.

Consider the following statements about the Axiom-4 mission:

Statement 1: Axiom-4 is the first mission to include only professional astronauts from government space agencies, with no private individuals.

Statement 2: The mission aims to conduct scientific research, including biomedical experiments and materials science investigations, as well as testing new technologies in the microgravity environment.

Statement 3: One of the primary

goals of the Axiom-4 mission is to prepare for the establishment of Axiom Station, the world's first commercial space station, which is expected to be operational by 2025.

Which of the statements given above is/are correct?

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

13. Consider the following statements regarding "Nazul land" in India:

Statement A: Nazul land refers to land that has been confiscated from zamindars (landlords) during the British colonial period and subsequently transferred to the state.

Statement B: The management and administration of Nazul land are governed by the respective state governments, and the usage can include public utility,

development projects, or leasing to private entities.

Statement C: The revenues generated from Nazul land, including leases and sales, are exclusively utilized for rural development projects under the directives of the central government.

Which of the above statements is/are correct?

- (a) Only Statement A
- (b) Only Statement B
- (c) Only Statement A and C
- (d) Only Statement B and C

14. Consider the following statements regarding the conservation and biological aspects of the Asiatic lion:

1. The Asiatic lion (*Panthera leo persica*) once roamed from the Middle East to Bengal but is now only found in the Gir Forest of India.

2. The primary threat to the Asiatic lion's survival is habitat fragmentation, exacerbated by the human-induced changes in their natural habitat.

3. The Asiatic lion's genetic diversity is significantly lower compared to African lions, which poses challenges for conservation efforts.

4. The Government of India has implemented the "Lion Relocation Project" to establish a second wild population outside of Gujarat, but it has been successfully implemented and completed.

5. Asiatic lions typically live in larger prides than African lions, with group sizes often exceeding 15 individuals.

Which of the above statements

are correct?

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

15. Consider the following statements about tuberculosis (TB):

1. TB is primarily caused by the bacterium Mycobacterium tuberculosis.
2. The Directly Observed Treatment, Short-course (DOTS) strategy is designed to improve compliance and is a cornerstone of TB control.
3. The BCG vaccine provides complete immunity against TB.

Which of the above statements is/are correct?

- (a) 1 and 2
- (b) 2 and 3

- (c) 1 only
- (d) 1 and 3

16. Which of the following features is NOT associated with the Virupaksha Temple?

- A) A large stone chariot
- B) A towering gopuram
- C) Musical pillars
- D) An intricate Dravidian style architecture

17. Consider the following statements about the Four-ringed Butterfly (Ypthima fourragens):

1. The Four-ringed Butterfly is classified under the Nymphalidae family and is known for its distinctive four-ring pattern on the wings.
2. This butterfly species is found throughout India.

Which of the statements given above is/are correct?

- A) Statement 1 only
- B) Statement 2 only
- C) Both Statements 1 and 2
- D) Neither Statement 1 nor Statement 2

18. Consider the following statements about the Debt to GDP ratio:

1. It measures the total national debt as a percentage of a country's Gross Domestic Product (GDP).
2. A higher Debt to GDP ratio indicates a lower level of national debt relative to economic output.
3. The Debt to GDP ratio is used by credit rating agencies to assess a country's creditworthiness.

Which of the above statements are correct?

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

19. Which of the following statements accurately describe the Kuchipudi dance form?

1. Kuchipudi is a classical dance form that originated in the state of Tamil Nadu and is primarily performed as a solo art form.
2. The dance form is characterized by its use of rhythmic footwork, expressive gestures, and narrative storytelling, often incorporating themes from Hindu mythology.
3. The Kuchipudi dance tradition was significantly popularized in the 20th century by the efforts of

the famous dancer and choreographer Rukmini Devi Arundale.

4. Unlike Bharatanatyam and Kathak, Kuchipudi traditionally involves a distinct integration of vocal music, instrumental accompaniment, and dramatic dialogues.

Select the correct answer using the code below:

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

- 20.** Which of the following statements about the Lithium Triangle is/are correct?

- 1. The Lithium Triangle is located in the Andean region of South America.
- 2. Lithium reserves in the Lithium Triangle are primarily found in oil shale deposits.

- 3. The Lithium Triangle includes the countries of Argentina, Chile, and Paraguay.

- A) 1 only
- B) 1 and 2 only
- C) 1 and 3 only
- D) 2 and 3 only

- 21.** Consider the following statements about Sariska Tiger Reserve:

- 1. Sariska Tiger Reserve is renowned for its population of Bengal tigers.
- 2. The reserve is situated in the south-eastern part of Rajasthan.
- 3. Sariska is also home to Asiatic lions.

Which of the statements given above are correct?

- A) 1 and 2 only
- B) 1 and 3 only
- C) 2 only

D) 1, 2, and 3

22. Consider the following statements about the Teesta River:

1. The Teesta River is a major river in the eastern Himalayas.
2. The river flows predominantly through the states of West Bengal and Assam before reaching the Bay of Bengal.
3. The Teesta River basin is shared between India and Bangladesh.

Which of the statements given above are correct?

- A) 1 and 3 only
- B) 2 and 3 only
- C) 1 and 2 only
- D) 1, 2, and 3

23. Which of the following statements regarding the Tarang

Shakti 2024 international air exercise is/are correct?

1. Tarang Shakti 2024 is the largest international air exercise ever conducted in India and will involve air forces from 51 countries.
2. Phase One of the exercise will take place in Jodhpur, Rajasthan, with participants including France, Germany, Spain, and the United Kingdom.
3. Phase Two of the exercise will feature assets such as the F-18 and Rafale, and will be held in Sullur, Tamil Nadu.
4. The exercise aims to showcase India's indigenous defense technologies and improve interoperability among participating nations.

- A) 1 and 4 only
- B) 2 and 3 only
- C) 1, 3, and 4 only

D) 1, 2, and 4 only

24. Which of the following statements regarding the Pradhan Mantri Matsya Sampada Yojana (PMMSY) is/are correct?

1. PMMSY was launched in 2020 by the Ministry of Fisheries, Animal Husbandry, and Dairying to promote ecologically sustainable and economically viable development of the fisheries sector.
2. The scheme aims to achieve a target of 22 million tonnes of fish production by the year 2025.
3. To Develop space-based technologies for fish farming.
4. The scheme seeks to generate 55 lakh direct and indirect jobs in the fisheries sector.

A) 1 and 2 only

B) 2 and 4 only

C) 1 and 4 only

D) 1, 2, and 4 only

25.

Consider the following statements regarding the Waqf Act, 1995:

1) The Waqf Act, 1995, provides for the establishment of Central Waqf Boards to regulate and oversee waqf properties in India.

2) Under the Act, a "waqf" is defined as a permanent dedication of movable or immovable property for any purpose recognized by Muslim law as pious, religious, or charitable.

3) The Act mandates that every state in India must have a State Waqf Board.

Which of the above statements is/are correct?

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

26. The Employees' Provident Fund Organisation (EPFO) plays a significant role in providing social security benefits to employees in India. Consider the following statements about the organizational structure and functioning of EPFO:

1. The Central Board of Trustees (CBT) is the highest decision-making body of the EPFO.
2. The EPFO is headed by the Central Provident Fund Commissioner, who is responsible for the day-to-day administration.
3. The Ministry of Finance, Government of India, directly supervises the functioning of the EPFO.

Which of the above statements

is/are correct?

- A) 1 and 2 only
- B) 2 and 3 only
- C) 1 and 3 only
- D) 1, 2, and 3

27. Which of the following handloom products has received a Geographical Indication (GI) tag?

- 1) Pochampally Ikat
- 2) Banarasi Saree
- 3) Kanjeevaram Silk
- 4) Madhubani Paintings

Select the correct answer using the code given below:

- A) 1, 2, and 3 only
- B) 2 and 4 only
- C) 1 and 3 only
- D) 1, 2, 3, and 4

28. Consider the following statements about the

beneficiaries of Ayushman

Bharat:

1. Beneficiaries are identified based on the Socio-Economic Caste Census (SECC) data.
2. The Ayushman Bharat scheme covers all families in India without any income or caste criteria.

Which of the statements given above is/are correct?

- (a) Only statement 1 is correct.
- (b) Only statement 2 is correct.
- (c) Both statements 1 and 2 are correct.
- (d) Both statements 1 and 2 are incorrect.

- 29. Consider the following statements about the Pradhan Mantri Jan Arogya Yojana (PM-JAY):**

1. PM-JAY covers both pre-hospitalization and post-

hospitalization expenses for secondary and tertiary care.

2. PM-JAY benefits are limited to only government hospitals and clinics.

Which of the statements given above is/are correct?

- (a) Only statement 1 is correct.
- (b) Only statement 2 is correct.
- (c) Both statements 1 and 2 are correct.
- (d) Both statements 1 and 2 are incorrect.

30.

With reference to the Appropriation Bill in India, consider the following statements:

1. The Appropriation Bill is required to be passed annually.
2. It provides for the appropriation out of the Consolidated Fund of

India to meet the expenses charged upon it.

3. The President of India can withdraw funds from the Consolidated Fund of India without the Appropriation Bill being passed.

Which of the statements given above is/are correct?

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

- 31.** Which of the following statements regarding the Mullaperiyar Dam dispute is/are correct?

1. The Mullaperiyar Dam is located on the Periyar River in the state of Kerala but is operated and maintained by the Tamil Nadu government.
2. The dispute arose primarily due to concerns

about the safety of the dam, leading to demands for its decommissioning by the Tamil Nadu government.

3. The Supreme Court of India has intervened in the dispute multiple times, ordering the water level of the dam to be maintained at 142 feet.

Select the correct answer using the code given below:

- A. 1 and 2 only
- B. 1 and 3 only
- C. 2 and 3 only
- D. 1, 2, and 3

- 32.** The National District Mineral Foundation (DMF) was established to address issues related to the mining industry. Which of the following statements is/are correct regarding the DMF?

1. The DMF is established as a non-profit trust to work

for the interest and benefit of persons and areas affected by mining-related operations.

2. The funds of the DMF can be used for the development of infrastructure, health care, and education in mining-affected areas.
3. The DMF operates at the national level and is managed by the Ministry of Mines, Government of India.

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) 1, 2 and 3

33.

Consider the following statements regarding the Rashtriya Vigyan Puraskar:

1. The Rashtriya Vigyan

Puraskar is awarded annually by the Government of India to recognize outstanding contributions in the field of science and technology.

2. Only Indian citizens are eligible to receive the Rashtriya Vigyan Puraskar.
3. The award includes a cash prize, a citation, and a research grant for further scientific research.

Which of the statements given above is/are correct?

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

34.

Which of the following statements accurately describes the significance of the Champaran Satyagraha of 1917?

1. It was the first major Satyagraha led by

- Mahatma Gandhi in India.
2. It marked the beginning of the Indian National Congress's involvement in the non-cooperation movement.
 3. It was a movement against the oppressive land revenue policies of the British Government in Bengal.
 4. It was a struggle against the imposition of a new tax by the British on Indian textiles.

Select the correct answer using the code below:

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

- 35.** Consider the following statements regarding Project PARI (Public Art of India):

1. Project PARI is an initiative to promote

contemporary Indian art through public spaces across major cities in India.

2. The project focuses exclusively on traditional Indian art forms, excluding modern or contemporary art styles.
3. Project PARI collaborates with both governmental and non-governmental organizations to execute large-scale public art installations.

Which of the statements given above is/are correct?

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

- 36.** INS Tabar, an important asset of the Indian Navy, is known for its significant role in maritime operations. Consider the following statements about INS

Tabar:

1. INS Tabar is a guided-missile frigate commissioned in the Indian Navy in the early 2000s.
2. The primary mission of INS Tabar is to conduct anti-submarine warfare operations.
3. INS Tabar has participated in various international naval exercises, including those with the Russian and French navies.

Which of the statements given above is/are correct?

- A) 1 only
- B) 2 only
- C) 1 and 3 only
- D) 1, 2, and 3

- 37.** Consider the following statements regarding CAR-T cell therapy:

1. CAR-T cells are engineered

in the laboratory to produce specific antigens that target cancer cells.

2. The therapy involves modifying a patient's T-cells to express a receptor that can specifically recognize and bind to cancer cells.
3. CAR-T therapy is primarily used to treat solid tumors like lung and breast cancer.

Which of the statements given above is/are correct?

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

- 38.** Consider the following statements regarding Coal Gasification:

1. Coal gasification is a process of converting solid coal into a mixture of gases, primarily hydrogen, carbon monoxide, and

carbon dioxide.

2. The process of coal gasification significantly reduces the emission of carbon dioxide when compared to traditional coal combustion.

3. Syngas produced from coal gasification can be used to produce electricity, liquid fuels, and chemicals.

Which of the above statements is/are correct?

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

39.

Consider the following statements about the Monetary Policy Committee (MPC) of India:

- 1. The MPC is a statutory body formed under the Reserve Bank of India Act, 1934.
- 2. The primary objective of the MPC is to control the

money supply in the economy.

- 3. The MPC meets every two months to review the monetary policy stance.
- 4. The Governor of the Reserve Bank of India (RBI) is the ex-officio Chairperson of the MPC.

Which of the statements given above are correct?

- A. 1 and 2 only
- B. 2 and 3 only
- C. 1 and 4 only
- D. 3 and 4 only

40.

Consider the following statements regarding the Privilege Motion in the Indian Parliament:

- 1. A Privilege Motion can only be moved by a member of the ruling party.
- 2. The Privilege Committee is a standing committee and has permanent members

from both the Lok Sabha and the Rajya Sabha.

3. A Privilege Motion can lead to the suspension of a Member of Parliament if found guilty.

Which of the above statements is/are correct?

- (A) 1 and 2 only
- (B) 2 and 3 only
- (C) 3 only
- (D) 1, 2, and 3

- 41. Which of the following statements about the Privilege Committee in the Indian Parliament are correct?**

1. The Privilege Committee is responsible for addressing issues related to breaches of parliamentary privilege and contempt of the House.
2. The Privilege Committee is a permanent committee with members appointed by the President of India.

3. The Privilege Committee's findings and recommendations are presented to the Parliament for consideration and possible action.

Select the correct answer using the code given below:

- A) 1 and 2 only
- B) 1 and 3 only
- C) 2 and 3 only
- D) 1, 2, and 3

- 42. Which of the following statements about the Quit India Movement of 1942 is/are correct?**

1. The Quit India Resolution was passed at the AICC session in Bombay.
2. The movement was characterized by mass civil disobedience, including the refusal to pay taxes.
3. The British government

responded to the Quit India Movement with a policy of political concessions and immediate negotiations with the Indian National Congress.

- (a) Only statement 1 is correct.
- (b) Only statements 1 and 2 are correct.
- (c) Only statement 3 is correct.
- (d) Statements 1, 2, and 3 are correct.

43. Which of the following factors is primarily responsible for the formation of "Dead Zones" in marine environments?

- (a) Increased sedimentation due to deforestation
- (b) Excessive nutrient runoff leading to eutrophication
- (c) Overfishing and depletion of fish species

(d) Oil spills and contamination

44. Which of the following statements about constitutional amendments in India is correct?

- 1. The 73rd Amendment Act of 1992 introduced the concept of reservation for women in local bodies.
- 2. The 74th Amendment Act of 1992 is related to the establishment of Municipalities and urban local governance.
- 3. The 86th Amendment Act of 2002 introduced the Right to Education for children aged 6 to 14 years as a fundamental right.

Select the correct answer using the codes below:

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

- 45.** The Neelakurinji plant is significant for its unique flowering cycle and ecological role. Consider the following statements:
1. Neelakurinji has been classified as a medicinal plant with various therapeutic uses in traditional medicine.
 2. The plant's habitat primarily consists of montane grasslands and shola forests, where it coexists with several endemic plant species.
 3. The flowering of Neelakurinji is influenced by the monsoon patterns in the Western Ghats, but recent studies suggest that climate change may be affecting its flowering cycle.

Which of the following statements are correct?

A) 1 and 2 only

- B) 2 and 3 only
C) 1 and 3 only
D) 1, 2, and 3

- 46.** Which of the following components are included under the Pradhan Mantri Awas Yojana - Urban (PMAY-U)?
1. In-situ Slum Redevelopment (ISRDR)
 2. Affordable Housing in Partnership (AHP)
 3. Credit Linked Subsidy Scheme (CLSS)
 4. Public-Private Partnership (PPP) for urban infrastructure

Which of the above components are part of PMAY-U?

- A) 1 and 2 only
B) 1, 2, and 3 only
C) 2 and 4 only
D) 1, 2, and 4 only

- 47.** Consider the following statements regarding climate-

resilient farming:

1. Climate-resilient farming involves adopting agricultural practices that are specifically designed to withstand the effects of climate change.
2. The use of drought-resistant crop varieties is an example of a climate-resilient farming practice.
3. Soil conservation techniques such as contour plowing are irrelevant in the context of climate-resilient farming.

Which of the statements above are correct?

- A) 1 and 2 only
- B) 2 and 3 only
- C) 1 and 3 only
- D) 1, 2, and 3

- 48.** Which of the following statements regarding the IUCN Red List is/are correct?

1. The IUCN Red List

categories species based on their conservation status, from "Least Concern" to "Critically Endangered."

2. The IUCN Red List includes only animal species and does not cover plant species.
3. The IUCN Red List is updated annually to reflect the most current information on species populations.

Select the correct answer from the options below:

- A) 1 only
- B) 1 and 2 only
- C) 1 and 3 only
- D) 1, 2, and 3

- 49.** Consider the following statements regarding the Mission Saksham Anganwadi and Poshan 2.0:

1. The mission aims to strengthen the Anganwadi

services under the Integrated Child Development Services (ICDS) scheme.

2. It focuses exclusively on the nutritional needs of children under 6 years of age.
3. Poshan 2.0 includes interventions to reduce anemia among adolescent girls and women.

Which of the statements given above is/are correct?

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

- 50.** Which of the following ministries and organizations are involved in the implementation of the Nasha Mukta Bharat Abhiyan?

1. Ministry of Social Justice and Empowerment
2. Ministry of Education
3. National Institute of Social

Defence (NISD)

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

- 51.** Consider the following statements regarding climate change:

1. Carbon dioxide (CO₂) is the most abundant greenhouse gas in the Earth's atmosphere.
2. Methane (CH₄) is more effective at trapping heat in the atmosphere compared to carbon dioxide (CO₂).
3. Deforestation contributes to climate change by reducing the Earth's capacity to absorb CO₂.

Which of the statements given above is/are correct?

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

d) 1, 2, and 3

52. Consider the following statements regarding "Mission Vatsalya":

1. Mission Vatsalya is a scheme by the Government of India aimed at ensuring the holistic development and protection of children.
2. Under this mission, financial support is provided to children from economically weaker sections to pursue higher education.
3. The mission emphasizes community participation and the involvement of local bodies in child welfare.

Which of the statements given above is/are correct?

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

(d) 1, 2, and 3

53. Which of the following statements about Daman and Diu is/are correct?

1. Daman and Diu were Portuguese colonies until they were annexed by India in 1961.
2. Daman and Diu are located on the western coast of India, with Daman situated to the north of Diu.
3. Daman and Diu were merged with Dadra and Nagar Haveli to form a single Union Territory in 2020.

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) 1, 2, and 3

54. The Perseid meteor shower is one

of the most prominent annual meteor showers visible from Earth. Consider the following statements regarding the Perseid meteor shower:

1. The Perseid meteor shower is associated with the comet Halley.
2. The meteoroids responsible for the Perseid meteor shower originate from the debris left behind by a comet.
3. The Perseid meteor shower typically peaks in August each year.
4. The best time to observe the Perseid meteor shower is in the late evening when the sky is still light.

Which of the statements given above are correct?

- A) 1 and 2 only
- B) 2 and 3 only
- C) 1, 3, and 4 only
- D) 2 and 4 only

55. AUKUS is a trilateral security partnership established between three nations. Consider the following statements regarding AUKUS:

1. AUKUS is a security alliance formed by Australia, the United Kingdom, and the United States.
2. The primary goal of AUKUS is to enhance defense collaboration in the Indo-Pacific region, including the development of nuclear-powered submarines.
3. AUKUS includes Canada as a member, focusing on both defense and economic cooperation.
4. The formation of AUKUS was announced in 2021, as a response to the strategic challenges posed by China in the Indo-Pacific region.

Which of the statements given

above are correct?

- A) 1 and 2 only
- B) 2 and 4 only
- C) 1, 3, and 4 only
- D) 1 and 4 only

56. Which of the following accurately describes East Timor's (Timor-Leste) borders?

1. East Timor shares land borders with Indonesia and is situated on the eastern part of the island of Timor.
2. East Timor's maritime boundary with Australia is defined by the Timor Sea.
3. East Timor is separated from Papua New Guinea by the Arafura Sea.
4. The island of Timor is divided between East Timor and Malaysia.

Select the correct answer using the code below:

- A) 1 and 2 only
- B) 2 and 3 only

- C) 1 and 3 only
- D) 1, 2, and 3 only

57. Gurmar is a herb known for its medicinal properties. Which of the following statements about Gurmar (*Gymnema sylvestre*) is/are correct?

1. Gurmar is commonly used in traditional medicine for its potential benefits in managing diabetes.
2. The herb is native to North America and is primarily used for its anti-inflammatory properties.
3. Gurmar's common name is "sugar destroyer" due to its ability to reduce sugar cravings.
4. The plant is known for its ability to enhance the absorption of vitamins and minerals in the body.

Select the correct answer using the code below:

- A) 1 and 3 only

- B) 2 and 4 only
- C) 1 and 4 only
- D) 2 and 3 only

- 58.** Which of the following statements about the South China Sea are correct?
1. The South China Sea is bordered by China, Vietnam, the Philippines, Malaysia, and Brunei.
 2. The United Nations Convention on the Law of the Sea (UNCLOS) provides the primary legal framework for resolving disputes in the South China Sea.
 3. The "Nine-Dash Line" is a territorial claim used by Indonesia to assert sovereignty over the South China Sea.
 4. The South China Sea is known for its significant oil and natural gas reserves.

Select the correct answer using

the code below:

- A) 1 and 2 only
- B) 2 and 3 only
- C) 1, 2, and 4 only
- D) 1 and 4 only

- 59.** Which of the following methods is primarily used to extract coal from deep underground mines in India?

- (a) Hydraulic fracturing
- (b) Longwall mining
- (c) Strip mining
- (d) Room and pillar mining

- 60.** Consider the following statements regarding the Chandrayaan-3 mission:

1. Chandrayaan-3 is the first mission of ISRO to attempt a soft landing on the lunar surface.
2. The mission was launched with the primary objective of studying the Moon's

south polar region.

3. Chandrayaan-3 includes an orbiter, a lander, and a rover similar to the Chandrayaan-2 mission.
4. The mission successfully demonstrated new technologies necessary for future interplanetary missions.

Which of the statements given above is/are correct?

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

- 61.** Which of the following statements about the Hajj pilgrimage are correct?
1. The Hajj pilgrimage is a mandatory religious duty for Muslims and is performed annually during the Islamic month of Ramadan.
 2. The rituals of Hajj include

Tawaf, which is the act of circling the Kaaba seven times in a counter-clockwise direction.

3. The Hajj pilgrimage is performed in the city of Medina, not Mecca.
4. Performing Hajj is one of the Five Pillars of Islam.

Select the correct answer using the codes given below:

- A) 1 and 2 only
- B) 2 and 4 only
- C) 1, 3, and 4 only
- D) 2 and 3 only

- 62.** Consider the following statements regarding Micro, Small, and Medium Enterprises (MSMEs) in India:

1. The classification of MSMEs is based on their annual turnover.
2. MSMEs contribute significantly to India's GDP and employment generation.

3. The Ministry of Finance is the nodal ministry responsible for the development of MSMEs.

Which of the statements given above is/are correct?

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

- 63.** Consider the following statements regarding the Cabinet Mission Plan of 1946:

- 1. The Cabinet Mission Plan proposed a united India with a federal structure.
- 2. It recommended the creation of an interim government to assist in the transfer of power.
- 3. The plan was accepted by both the Indian National Congress and the Muslim League without any conditions.

Which of the above statements

are correct?

- A) 1 and 2 only
- B) 2 and 3 only
- C) 1 and 3 only
- D) 1, 2, and 3

64.

Question :

Consider the following pairs of Ramsar Sites and their corresponding states:

Ramsar Site

- 1. Nalsarovar Lake
- 2. Wular Lake
- 3. Vembanad-Kol Wetland
- 4. Harike Wetland

Which of the pairs given above is/are correctly matched?

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

65. With reference to the India Independence Act, 1947, consider the following statements:

1. The Act stated that the Constituent Assemblies of both India and Pakistan would act as the central legislatures for their respective dominions.
2. The Act provided for the continuation of civil servants and other officials appointed before independence.
3. The Act retained the jurisdiction of the British Crown over the Indian dominions until their Constitutions were framed.

Which of the statements given above is/are correct?

- A) 1 and 2 only
- B) 2 and 3 only
- C) 1 and 3 only

D) 1, 2, and 3

66. In the context of e-waste management, consider the following statements:

1. E-waste includes only discarded electronic devices like smartphones and computers.
2. The Basel Convention is an international treaty that addresses the control of transboundary movements of hazardous wastes and their disposal, including e-waste.
3. In India, the E-Waste (Management) Rules, 2016, mandate producers to implement the Extended Producer Responsibility (EPR) to manage e-waste.

Which of the statements given above is/are correct?

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

(c) 1 and 3 only

(d) 1, 2, and 3

67. Long-range glide bombs are a significant advancement in precision-guided munitions. Which of the following statements correctly describes the strategic advantages of using such bombs?

1. They allow aircraft to strike targets from a greater distance, reducing exposure to enemy defences.
2. They eliminate the need for aerial refuelling by extending the operational range of aircraft.
3. They increase the precision of strikes due to advanced guidance systems.
4. They are cheaper to manufacture compared to conventional guided missiles.

Which of the statements are

correct?

A) 1 and 3 only

B) 2 and 4 only

C) 1, 3, and 4 only

D) 2 and 3 only

68. Consider the following statements about Monkeypox:

1. Monkeypox is a viral zoonotic droplets.
2. The primary mode of transmission of Monkeypox among humans is through respiratory droplets.
3. There is no vaccine available for Monkeypox.
4. Monkeypox symptoms are similar to but milder than those of smallpox.

Which of the statements given above are correct?

a) 1 and 2 only

b) 2, 3 and 4 only

c) 1, 2, and 4 only

d) 1, 3, and 4 only

69.

Which of the following works are attributed to Rabindranath Tagore?

1. Gitanjali
2. Chitrangada
3. Kapala Kundala
4. The Home and the World

Select the correct answer using the code given below:

- A. 1 and 3 only
B. 2 and 4 only
C. 1, 2, and 4 only
D. 1, 2, 3, and 4

70.

Which of the following works is/are authored by Sri Aurobindo?

1. Savitri
2. The Discovery of India
3. Essays on the Gita

Select the correct answer using

the code given below:

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

71.

Consider the following statements regarding the Uniform Civil Code (UCC):

1. The UCC was first proposed during the drafting of the Indian Constitution by the Constituent Assembly.
2. The UCC has already been implemented in certain states of India.
3. The UCC is intended to be consistent with the international human rights treaties to which India is a signatory.

Which of the above statements is/are correct?

- a) 1 only
b) 1 and 3 only

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

72. The National Pest Surveillance System (NPSS) is an initiative designed to monitor and manage pest outbreaks in India. Which of the following statements about NPSS is/are correct?

1. NPSS primarily focuses on monitoring pests that affect food grain crops like wheat and rice.
2. NPSS operates through a network of field stations that collect data on pest populations and disseminate this information to farmers in real-time.
3. NPSS is entirely managed by the central government without involvement from state agricultural departments.

Select the correct answer using the codes given below:

- A) 1 and 2 only
- B) 2 and 3 only
- C) 1 and 3 only
- D) 1, 2, and 3

73. The Aravalli Range has a unique geological history and structure. Consider the following statements:

1. The Aravalli Range is older than the Himalayas.
2. The Aravalli Range was formed due to the collision between the Indian Plate and the Eurasian Plate.
3. The Aravalli Range consists primarily of igneous and metamorphic rocks.

Which of the statements given above is/are correct?

- (A) 1 only
- (B) 1 and 3 only
- (C) 2 and 3 only
- (D) 1, 2, and 3

74.

Consider the following statements regarding the Periodic Labour Force Survey (PLFS) in India:

1. The PLFS was launched by the National Statistical Office (NSO) to provide employment and unemployment data on a quarterly basis for urban areas and annually for both rural and urban areas.
2. The survey includes data on the Worker Population Ratio (WPR), Labour Force Participation Rate (LFPR), and Unemployment Rate (UR).
3. PLFS uses a time use survey to gather data on the time spent by individuals on various economic and non-economic activities.

Which of the statements given above is/are correct?

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

75.

Which of the following challenges might the Green Tug Transition Program (GTTP) face during its implementation in India?

1. High initial investment costs for green tugboat technologies.
2. Limited availability of renewable energy infrastructure at Indian ports.
3. Resistance from maritime stakeholders due to potential disruptions in operations.
4. Uncertainties regarding the long-term sustainability of hydrogen as a fuel source.

Select the correct answer using the codes given below:

- A. 1 and 2 only

- B. 1, 2, and 3 only
- C. 3 and 4 only
- D. 1, 2, 3, and 4

76.

Consider the following statements regarding Krishi Decision Support System (Krishi DSS):

1. Krishi DSS is an initiative by the Ministry of Agriculture and Farmers' Welfare aimed at providing real-time weather updates to farmers.
2. It utilizes geospatial technology to deliver location-specific advisory to farmers.
3. Krishi DSS is exclusively focused on crop management and does not include advisory services related to livestock.

Which of the statements given above is/are correct?

- a) 1 and 2 only

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

77.

Consider the following statements regarding the EOS-08 mission:

1. EOS-08 is a satellite mission by ISRO primarily focused on Earth observation.
2. The satellite carries payloads that are capable of capturing high-resolution images for urban planning and rural development.
3. EOS-08 was launched using the PSLV rocket.

Which of the statements given above is/are correct?

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

- 78.** Which of the following statements about the Global South are correct?
1. The term "Global South" primarily refers to countries in the southern hemisphere.
 2. The Global South is often characterized by lower economic development and a higher level of poverty compared to the Global North.
 3. The Global South includes countries that were formerly part of the Soviet Union.

Select the correct answer using the code below:

- A) 1 and 2
- B) 2 only
- C) 1 and 3
- D) 2 and 3

- 79.** Zebrafish are commonly used in scientific research due to their unique biological characteristics.

Which of the following statements about zebrafish is/are correct?

1. Zebrafish are primarily used as model organisms in developmental biology due to their transparent embryos.
2. Zebrafish can be genetically modified to study specific gene functions and disease mechanisms.
3. Zebrafish are native to the Amazon rainforest.

Select the correct answer using the code below:

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

- 80.** Which of the following statements about the committees of the Indian Parliament is/are correct?

1. The Public Accounts

Committee (PAC) examines the accounts of the Government of India and reports its findings to the Parliament.

2. The Committee on Public Undertakings (COPU) is responsible for the examination of the working of all public sector enterprises.
3. The Estimates Committee is chaired by the Speaker of the Lok Sabha and its primary function is to examine the estimates of expenditure.

Select the correct answer from the options below:

- A) 1 only
- B) 1 and 2 only
- C) 2 and 3 only
- D) 1, 2, and 3

- 81.** In the context of Geographic Information Systems (GIS), which of the following statements about Generalized Information

Tags (GI Tags) is/are correct?

1. GI Tags are used to classify spatial data into categories such as forests, water bodies, or urban areas.
2. GI Tags are exclusively used for metadata management and do not affect the spatial analysis or processing of GIS data.
3. GI Tags can be employed to provide additional contextual information about geographical features, enhancing the interpretability of GIS data.

Select the correct answer using the codes below:

- A) 1 only
- B) 2 only
- C) 1 and 3 only
- D) 1, 2, and 3

- 82.** Which of the following statements about Foot and

Mouth Disease (FMD) are true?

1. FMD can lead to severe economic losses in the livestock industry.
2. The disease primarily spreads through direct contact between infected and healthy animals.
3. FMD is caused by a bacterium that can be treated with antibiotics.
4. Countries with strict biosecurity measures are less likely to experience FMD outbreaks.

Select the correct answer using the code given below:

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

83. Consider the following statements regarding

microplastics:

1. Microplastics can originate from both primary and secondary sources.
2. The majority of microplastic contamination in the human diet comes from seafood.
3. Microplastics are biodegradable and therefore do not persist in the environment for long periods.

Which of the statements given above is/are correct?

- A) 1 and 2 only
- B) 1 and 3 only
- C) 2 and 3 only
- D) 1, 2, and 3

84. Consider the following statements regarding India-Malaysia trade relations:

1. The primary export from

India to Malaysia is crude petroleum.

2. Malaysia is a part of the Regional Comprehensive Economic Partnership (RCEP), which India has not joined.
3. India and Malaysia have a Free Trade Agreement (FTA) under the ASEAN-India Framework Agreement.

Which of the statements given above is/are correct?

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

85. In the context of the Indian Constitution, consider the following statements regarding **Suo Motu** powers of the judiciary:

1. Suo Motu refers to the

power of the judiciary to initiate legal proceedings on its own, without any formal complaint or petition being filed.

2. Suo Motu actions are typically taken by courts to address matters of public interest, fundamental rights violations, or urgent issues that require immediate judicial intervention.
3. The Suo Motu powers are explicitly mentioned in the Indian Constitution under Article 32.

Which of the above statements is/are correct?

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

86. Which of the following events occurred during the Quit India

Movement of 1942?

4. The All India Congress Committee (AICC) session was held in Bombay.
5. Mahatma Gandhi was imprisoned in the Aga Khan Palace in Pune.
6. The British government issued the White Paper on Indian constitutional reforms.

Which of the statements given above is/are correct?

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

87.

Which of the following activities are undertaken by the National Mission for Clean Ganga (NMCG) as part of the Namami Gange Programme?

1. Development of Sewage Treatment Plants (STPs) along the Ganga River.

2. Afforestation activities along the banks of the Ganga.
3. Promotion of Ganga Grams (clean villages along the river).
4. Establishment of industrial effluent monitoring systems.

Select the correct answer using the code given below:

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

88.

Which of the following aspects are considered by the Supreme Court of India while assessing the legality of Jallikattu?

1. Animal welfare and cruelty prevention
2. Cultural heritage and traditions

3. Public safety and order
4. Economic impact on local communities

Select the correct answer using the code given below:

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

89.

Which of the following treatments are commonly used to manage thalassemia?

1. Regular blood transfusions
2. Iron chelation therapy
3. Bone marrow transplant
4. Insulin therapy

Select the correct answer using the codes given below:

- A) 1 and 4 only
- B) 1, 2, and 3 only

C) 2, 3, and 4 only

D) 1, 2, 3, and 4

90.

Which of the following statements is/are true about the linguistic reorganization of states in India?

1. The States Reorganization Act of 1956 was primarily based on linguistic lines.
2. The state of Gujarat was created from the bilingual Bombay State in 1956.
3. The official language of the newly created state of Andhra Pradesh was Telugu.

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

91.

Consider the following statements regarding the wildlife

and biodiversity of Tripura:

1. Sepahijala Wildlife Sanctuary in Tripura is known for its Clouded Leopard population.
2. The state is predominantly covered by tropical evergreen forests.
3. The Rudrasagar Lake in Tripura is a designated Ramsar site.

Which of the statements given above is/are correct?

- A) 1 and 3 only
- B) 2 and 3 only
- C) 1 and 2 only
- D) 1, 2, and 3

92. Which of the following statements about BRICS is/are correct?

1. **BRICS** is an international organization formed by the five countries: Brazil, Russia, India, China, and South Africa.

2. The BRICS summit is held annually, with each member country hosting the summit in turn.
3. The BRICS countries focus primarily on military cooperation and defense strategies.
4. The BRICS grouping was originally known as "BRIC" before the inclusion of South Africa in 2010.

Select the correct answer using the codes below:

- A) 1 and 2 only
- B) 2 and 4 only
- C) 1, 2, and 4 only
- D) 1, 2, 3, and 4

93. Which of the following statements regarding inflation and its measurement in India is/are correct?

1. The Consumer Price Index (CPI) measures inflation at the retail level and reflects

changes in the price level of a basket of consumer goods and services.

2. The Wholesale Price Index (WPI) measures the average change over time in the selling prices received by domestic producers for their output.
3. The CPI is used to calculate the inflation rate for both food and non-food items, while the WPI exclusively covers food items.
4. The Reserve Bank of India (RBI) primarily uses the WPI to set its monetary policy targets.

Select the correct answer using the codes below:

- A. 1 and 2 only
- B. 2 and 4 only
- C. 1 and 3 only
- D. 1, 2, and 4 only

94. Which of the following

statements regarding the Gaganyaan mission is/are correct?

1. The Gaganyaan mission is India's first human spaceflight program developed by the Indian Space Research Organisation (ISRO).
2. The mission aims to send a crew of two astronauts into orbit for a duration of 30 days.
3. The Gaganyaan spacecraft will be launched aboard the GSLV Mk III rocket, also known as the LVM-3.
4. The mission will include a spacewalk by the Indian astronauts as part of its objectives.

Select the correct answer using the codes below:

- A. 1 and 2 only
- B. 1 and 3 only
- C. 2 and 4 only
- D. 1, 3, and 4 only

95. Which of the following statements regarding the Samundrayan mission is/are correct?
1. The Samundrayan mission is an Indian underwater exploration project aimed at deep-sea exploration.
 2. The mission is focused on developing technology for exploring the deep ocean and its resources, including mineral resources and marine biodiversity.
 3. The mission is being led by the Indian Space Research Organisation (ISRO) with support from the Ministry of Earth Sciences.

Select the correct answer using the codes below:

- A. 1 and 2 only
- B. 1 and 3 only
- C. 2 and 3 only

D. 1, 2, and 3 only

96. Which of the following statements regarding prorogation and adjournment sine die in the context of the Indian Parliament are correct?
1. Prorogation refers to the discontinuation of a session of Parliament by the President of India, while adjournment sine die refers to the ending of a session by the Speaker of the Lok Sabha or the Chairman of the Rajya Sabha.
 2. Prorogation of Parliament can only be done by the President, while adjournment sine die can be declared by either House of Parliament.
 3. Prorogation leads to the dissolution of the Lok Sabha, but adjournment sine die does not affect the dissolution of the Lok

Sabha.

Select the correct answer using the codes below:

- A. 1 and 3 only
- B. 2 and 3 only
- C. 1 and 2 only
- D. 1, 2 and 3 only

97. Which of the following statements about the Production Linked Subsidy (PLI) Scheme are correct?

1. The PLI Scheme aims to incentivize domestic manufacturing by providing financial subsidies based on production output.
2. The scheme is applicable only to the pharmaceutical sector.
3. The objective of the PLI Scheme is to boost employment and reduce import dependency.

Select the correct answer using

the code below:

- A) 1 and 3 only
- B) 2 and 3 only
- C) 1 and 2 only
- D) 1, 2, and 3

98. Which of the following statements regarding the Central Bureau of Investigation (CBI) are correct?

1. The CBI is a statutory body established by an Act of Parliament.
2. The CBI operates under the jurisdiction of the Ministry of Home Affairs.
3. The CBI is responsible for investigating cases related to corruption and economic crimes.

Select the correct answer using the code below:

- A) 1 and 2 only
- B) 2 and 3 only
- C) 1 and 3 only
- D) 1, 2, and 3

- 99.** Which of the following statements about the Governor of a State in India are correct?
1. The Governor is appointed by the President of India and serves at the pleasure of the President.
 2. The Governor has the power to dissolve the State Legislative Assembly only on the advice of the Chief Minister.
 3. The Governor can withhold assent to a bill and return it to the State Legislature for reconsideration.

Select the correct answer using the code below:

- A) 1 and 2 only
- B) 1 and 3 only
- C) 2 and 3 only
- D) 1, 2, and 3

- 100** Which of the following statements about earthquakes are correct?

1. Earthquakes are caused primarily by the movement of tectonic plates.
2. The Richter scale measures the intensity of an earthquake's impact on structures and people.
3. The focus of an earthquake is the point on the Earth's surface directly above the earthquake's origin.

Select the correct answer using the code below:

- A) 1 and 2 only
- B) 1 and 3 only
- C) 2 and 3 only
- D) 1 only

- 101** Which of the following statements about earthquake waves are correct?

1. P-waves (Primary waves) are the fastest seismic waves and can travel through both solids and

liquids.

2. S-waves (Secondary waves) can only travel through solids and are slower than P-waves.
3. Surface waves travel along the Earth's surface and generally cause the most damage during an earthquake.

Select the correct answer using the code below:

- A) 1 and 2 only
- B) 2 and 3 only
- C) 1 and 3 only
- D) 1, 2, and 3

102

Which of the following statements best describes the impact of the PM Gati Shakti Scheme on project execution in India?

1. The scheme aims to enhance efficiency by enabling real-time data sharing among different government departments

involved in infrastructure development.

2. It exclusively focuses on reducing the cost of infrastructure projects by providing direct financial incentives to state governments.
3. The scheme is intended to primarily support private sector-led infrastructure development by providing them with exclusive contracts and subsidies.

Select the correct answer using the codes below:

- A. Only 1
- B. Only 2
- C. Only 3
- D. 1, 2, and 3

103

Which of the following statements about RCS-UDAN is/are correct?

1. The scheme is designed to make flying affordable for

the common man by providing subsidies to airlines.

2. Only major airports in metropolitan cities are eligible to participate in the RCS-UDAN scheme.
3. The scheme includes provisions for the development of airport infrastructure in remote and underserved areas.
4. The scheme is administered by the Ministry of Civil Aviation in India.

Select the correct answer using the code below:

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

104

Which of the following statements regarding the ESI scheme are correct?

1. The ESI scheme is administered by the Employees' State Insurance Corporation (ESIC) under the Ministry of Labour and Employment.
2. The ESI scheme provides medical benefits, maternity benefits, and insurance benefits for workers in case of sickness or injury.
3. The scheme is mandatory for all establishments with more than 10 employees, regardless of the type of industry.
4. Contributions to the ESI scheme are shared equally between employers and employees.

Select the correct answer using the code below:

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

d) 1, 2, and 4 only

105

Which of the following statements about the Lakhpati Didi Scheme are correct?

1. The scheme targets women in rural areas who have access to traditional skills and resources.
2. Beneficiaries of the scheme receive financial aid in the form of subsidies to purchase raw materials for their enterprises.
3. The scheme includes a component for providing micro-credit and entrepreneurial training to women.
4. It is a central government scheme implemented across all states in India.

Select the correct answer using the code below:

a) 1 and 2 only

b) 1 and 3 only

c) 2 and 4 only

d) 1, 3, and 4 only

106

Consider the following statements about ISRO:

1. ISRO was established in 1969 with the goal of harnessing space technology for national development.
2. The organization is responsible for launching India's Mars Orbiter Mission (Mangalyaan), which was India's first interplanetary mission.
3. ISRO's major satellite launch vehicle is the GSLV Mk III, which is used for launching communication satellites into geostationary orbits.
4. The Chandrayaan-2 mission, launched in 2019, successfully landed on the lunar surface and

deployed a rover.

Which of the following statements is/are correct?

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

107

Consider the following statements about the Food Safety and Standards Authority of India (FSSAI):

- 1. FSSAI is an autonomous body established under the Ministry of Health & Family Welfare, Government of India.
- 2. FSSAI is responsible for laying down scientific standards for food products and regulating their manufacture, storage, distribution, sale, and import to ensure safe and wholesome food for human consumption.

- 3. The FSSAI was established by an Act of Parliament in 2011.
- 4. The Chairperson of FSSAI is appointed by the President of India.

Which of the statements given above is/are correct?

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

108

Consider the following statements about the PM-WANI (Prime Minister Wi-Fi Access Network Interface) Scheme:

- 1. PM-WANI is a government initiative aimed at promoting wireless internet access through Public Data Offices (PDOs) without requiring them to obtain a license.
- 2. Under PM-WANI, both Public Data Offices (PDOs)

and Public Data Office Aggregators (PDOAs) are required to pay a registration fee to operate.

3. The scheme aims to enhance digital connectivity and boost the economy by providing affordable internet access in rural and urban areas.

Which of the above statements is/are correct?

- A. 1 and 3 only
- B. 2 and 3 only
- C. 1 only
- D. 1, 2, and 3

109

Which of the following statements regarding the development programs for Particularly Vulnerable Tribal Groups (PVTGs) is/are correct?

1. The Government of India provides direct financial assistance to PVTGs under the Pradhan Mantri

Van Dhan Yojana.

2. The Scheme for Development of PVTGs is a Central Sector Scheme implemented by the Ministry of Tribal Affairs.

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

110

Which of the following are the key objectives of the Pesticides Management Bill, 2020 in India?

1. To establish a central fund for compensating victims of pesticide poisoning.
2. To ensure that only safe and effective pesticides are made available in the market.
3. To promote the use of organic and natural pesticides over synthetic ones.

Select the correct answer using

the codes given below:

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

111

Consider the following features of the Unified Pension Scheme:

- 1. It provides a minimum guaranteed pension to all participants.
- 2. Contributions to the scheme are tax-deductible under Section 80C of the Income Tax Act.
- 3. The scheme includes an auto-enrollment feature for all formal sector workers.

Which of the above features are correct?

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

112

Consider the following

- statements about the Adi tribe:

1. The 'Ponung' dance is a traditional war dance of the Adi tribe.
2. The Adi tribe primarily speaks the Tani languages, which belong to the Sino-Tibetan language family.
3. The Adi tribe's traditional dress for men includes the 'Idu Mishmi,' a distinct woven shawl.

Which of the above statements is/are correct?

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

113

Consider the following

- geographical features associated

with the Siang River:

1. The Siang River flows through a deep gorge in the Eastern Himalayas.
2. The river joins the Lohit and Dibang rivers to form the Brahmaputra.
3. The Siang River basin is known for its rich biodiversity, including several endemic species.

Which of the statements given above is/are correct?

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

114

Which of the following statements about the "Net Zero by 2050" target is/are correct?

1. The target is aligned with the goal of limiting global warming to below 2°C

above pre-industrial levels.

2. It requires that all countries achieve Net Zero emissions by 2050, regardless of their current level of development.
3. The target was first established in the Paris Agreement.

Select the correct answer using the code given below:

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

115

Which of the following statements about Red Sanders (*Pterocarpus santalinus*) is/are correct?

1. Red Sanders is primarily found in the Western Ghats of India.

2. The species is known for its high-quality red wood which is used in traditional Indian crafts.
3. Red Sanders is listed as "Critically Endangered" by the International Union for Conservation of Nature (IUCN).
4. The tree is often confused with sandalwood due to its similar name and wood properties.

Select the correct answer using the codes below:

- A) 1 and 2
- B) 2 and 3
- C) 3 and 4
- D) 1, 2, and 4

116

Consider the following statements regarding the Seshachalam Hills:

1. The Seshachalam Hills are located in the Eastern Ghats.

2. The hills are primarily known for their dense forest cover and are a hotspot for several endangered species.
3. The region is predominantly covered by deciduous forests and is known for its significant river systems originating from the area.

Which of the above statements are correct?

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

117

Which of the following are objectives of India's Green Hydrogen Mission?

1. Reducing the country's dependence on imported fossil fuels.
2. Increasing the share of hydrogen in the national energy mix to 20% by

2030.

3. Promoting research and development in hydrogen production and storage technologies.
4. Reducing the cost of green hydrogen to make it competitive with conventional fuels.

Select the correct answer from the options below:

- A) 1 and 2
- B) 1, 3, and 4
- C) 2 and 3
- D) 1, 3, and 4

118

Which of the following statements accurately describe the significance of the Civil Nuclear Deal between India and the United States?

1. The deal allowed India to export nuclear technology to other countries without restrictions.
2. It led to India's inclusion

in the Nuclear Suppliers Group (NSG) without requiring it to sign the Non-Proliferation Treaty (NPT).

3. The agreement facilitated the construction of nuclear power plants in India by American companies using American technology.
4. It resulted in the immediate dismantling of India's existing nuclear weapons program.

Options:

- A. 1 and 2 only
- B. 2 and 3 only
- C. 1 and 4 only
- D. 3 and 4 only

119

Which of the following statements regarding drug control in India is/are correct?

1. The Drugs and Cosmetics Act, 1940 regulates the import, manufacture, distribution, and sale of drugs and cosmetics in India.
2. The National Pharmaceutical Pricing Authority (NPPA) is responsible for setting the maximum retail prices of drugs.
3. The Central Drugs Standard Control Organization (CDSCO) is primarily responsible for the regulation of medical devices, but not for pharmaceuticals.

- A) 1 and 2 only
- B) 1 and 3 only
- C) 2 and 3 only
- D) 1, 2, and 3

120

The India-Singapore Maritime Exercise (SIMBEX) is an annual event held between the Indian

Navy and the Republic of Singapore Navy. Consider the following statements regarding the exercise:

1. SIMBEX started in 1994 as a basic anti-submarine warfare exercise between India and Singapore.
2. The exercise includes complex maritime warfare scenarios, including air defense, anti-submarine warfare, and surface warfare.
3. SIMBEX is held exclusively in the waters of the Andaman Sea.

Which of the above statements is/are correct?

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

121

Consider the following statements regarding INS

Mumbai:

1. INS Mumbai is a guided-missile destroyer of the Indian Navy.
2. It was built by the Mazagon Dock Shipbuilders Limited in Mumbai, India.
3. INS Mumbai is primarily designed for anti-submarine warfare.
4. It is part of the Western Naval Command.

Which of the statements given above is/are correct?

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

122

Which of the following are important cultural and religious sites in Ladakh?

1. The Thiksey Monastery is a prominent Buddhist

monastery in Ladakh, known for its resemblance to the Potala Palace in Lhasa.

2. The Hemis Monastery is famous for its annual festival celebrating the birth of Guru Nanak.
3. The Magnetic Hill in Ladakh is a popular tourist attraction due to its unique optical illusion.

Select the correct answer using the codes below:

- A) 1 and 3 only
- B) 2 and 3 only
- C) 1 only
- D) 1 and 2 only

123

Which of the following is/are correct regarding the Public Grievances Redressal Mechanism in India?

1. Public grievances can only be filed against the Central Government and

its agencies.

2. The Centralized Public Grievance Redress and Monitoring System (CPGRAMS) is an online platform for citizens to lodge grievances.
3. The Department of Administrative Reforms and Public Grievances (DARPG) is the nodal agency for grievance redressal in India.

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) 1, 2, and 3

124

Which of the following statements about Vaccine-Derived Poliovirus is/are correct?

1. Vaccine-Derived Poliovirus is a

strain of poliovirus that originates from the oral polio vaccine (OPV) and can circulate in populations with low vaccination coverage.

2. Vaccine-Derived Poliovirus cannot cause polio and is considered less dangerous than Wild Poliovirus.

3. VDPV can lead to outbreaks of polio in populations with high vaccination coverage due to mutation and spread.

Select the correct answer using the codes below:

- A) 1 only
- B) 2 only
- C) 1 and 3 only
- D) 1, 2, and 3

125

Which of the following are commonly used as therapeutic approaches for managing Parkinson's Disease?

1. Deep Brain Stimulation

(DBS)

2. Levodopa (L-Dopa) therapy
3. Physical therapy and exercise
4. Gene therapy

Select the correct answer using the codes below:

- A) 1 and 2 only
- B) 1, 2, and 3 only
- C) 2 and 3 only
- D) 1, 2, 3, and 4

126

Guru Padmasambhava, also known as Padmasambhava or the "Lotus-Born Guru," is a key figure in Tibetan Buddhism.

Which of the following statements about him is/are correct?

1. Guru Padmasambhava is credited with bringing Buddhism to Tibet in the 8th century.
2. He is known for composing the "Praises to the Twenty-One Taras,"

which is a central text in Mahayana Buddhism.

3. Guru Padmasambhava is associated with the Nyingma school of Tibetan Buddhism, which is the oldest of the four major schools of Tibetan Buddhism.

- A. Only statement 1 is correct
- B. Only statements 1 and 3 are correct
- C. Only statements 2 and 3 are correct
- D. All statements are correct

127

Which of the following statements about the G20 are correct?

1. The G20 was established in 1999 as a forum for Finance Ministers and Central Bank Governors and was elevated to a Leaders' Summit in 2008 in response to the global financial crisis.

2. The G20 includes all the countries from the European Union as individual members, in addition to the 19-member countries.
3. The G20's main objectives include promoting international financial stability, fostering sustainable development, and enhancing global economic governance.
4. The G20 operates with a permanent secretariat located in Washington, D.C.

Select the correct answer using the code given below:

- A) 1 and 2 only
- B) 1 and 3 only
- C) 2 and 4 only
- D) 1, 3, and 4 only

128

In the context of the ANUBHAV Awards for Retired Officials in India, consider the following

statements:

1. The ANUBHAV Awards are intended to recognize the contributions of retired officials who have served in various central government ministries and departments.
2. The award aims to encourage retired officials to share their post-retirement experiences and contributions towards public service.
3. The selection process for the ANUBHAV Awards includes a panel of judges from outside the government sector to ensure impartiality.

Which of the statements given above is/are correct?

- A) 1 and 2 only
- B) 2 and 3 only
- C) 1 and 3 only
- D) 1, 2, and 3

129

Which of the following are correctly associated with the life and teachings of Gautama Buddha?

1. The Bodhisattva Ideal emphasizes that an enlightened being postpones their entry into Nirvana to help all sentient beings achieve enlightenment.
2. The Jataka Tales are a collection of stories about the previous lives of the Buddha, illustrating the practice of virtues and moral lessons.
3. The Abhidhamma Pitaka deals with the philosophical and doctrinal aspects of Buddhism and is considered the most recent of the three baskets of the Tripitaka.

Which of the above statements are correct?

- A) 1 and 2 only
- B) 2 and 3 only
- C) 1 and 3 only
- D) 1, 2, and 3

130

Which of the following statements about the PMJDY are correct?

1. The scheme provides an overdraft facility to account holders after six months of satisfactory operation.
2. Under the scheme, account holders are provided a RuPay debit card.
3. The accounts under this scheme earn an interest on the balance.
4. Only those households without a bank account are eligible to open an account under this scheme.

Select the correct answer using the code given below:

- A) 1 and 2 only
- B) 2 and 3 only
- C) 1, 2, and 3 only
- D) 1, 2, 3, and 4

131

Which of the following statements about the "Vocal for Local" initiative is/are correct?

1. The initiative aims to promote local products and industries by encouraging citizens to prefer domestically produced goods over imported ones.
2. It is part of the larger "Atmanirbhar Bharat" (Self-reliant India) campaign.
3. The initiative exclusively focuses on the agricultural sector in India.

Select the correct answer using the code given below:

- A. 1 and 2 only
- B. 1 and 3 only

- C. 2 and 3 only
- D. 1, 2, and 3

132

Which of the following statements about the **Prevention of Sexual Harassment (POSH) Act, 2013** is/are correct?

1. The POSH Act mandates the formation of an Internal Complaints Committee (ICC) at all workplaces having 10 or more employees.
2. The Act applies only to women employees and does not cover men.
3. The ICC must complete its inquiry within a period of 90 days from the date of the complaint.
4. If an employer fails to comply with the provisions of the POSH Act, they can be fined and have their business licenses revoked.

Select the correct answer using

the codes given below:

- A) 1 and 3 only
- B) 2 and 4 only
- C) 1, 3, and 4 only
- D) 1, 2, 3, and 4

133

Consider the following statements regarding the Agriculture Infrastructure Fund (AIF):

1. The Agriculture Infrastructure Fund was launched by the Government of India to provide financial support for the creation of infrastructure in the agricultural sector.
2. The Fund provides both grant and loan facilities to farmers for improving farm productivity and income.
3. The scheme is aimed exclusively at individual farmers and does not support cooperative

societies or Farmer Producer Organizations (FPOs).

Which of the statements given above is/are correct?

- A) 1 only
- B) 1 and 2 only
- C) 2 and 3 only
- D) 1, 2, and 3

134

Consider the following statements regarding Cholera:

1. Cholera is caused by a bacterium that primarily affects the small intestine.
2. The primary mode of transmission for Cholera is through direct contact with an infected person.
3. Cholera can be effectively treated with oral rehydration solutions (ORS) and antibiotics.

Which of the statements given above is/are correct?

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

135

Rheumatoid arthritis (RA) is an autoimmune disorder that primarily affects joints but can also impact other parts of the body. Which of the following statements regarding RA is/are correct?

1. RA is more common in men than in women.
2. The primary joints affected by RA include the small joints of the hands and feet.
3. RA is caused by wear and tear of cartilage in the joints.
4. The symptoms of RA can include joint stiffness, especially in the morning.

Select the correct answer using the code given below:

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

136

Which of the following best describes the role of the She-Box portal in India's legal framework for preventing sexual harassment at the workplace?

- (a) It replaces the Internal Complaints Committee (ICC) as the primary body for addressing sexual harassment complaints.
- (b) It serves as a supplementary mechanism that facilitates the reporting and tracking of complaints.
- (c) It is a standalone system that directly handles all sexual harassment cases without any need for organizational

involvement.

(d) It provides mandatory training programs for organizations on the prevention of sexual harassment.

- 137** "Viksit Bharat by 2047" aims to position India as a global economic leader. Which of the following economic reforms would best support this objective?

1. Simplifying the Goods and Services Tax (GST) structure to enhance ease of doing business.
2. Promoting Make in India 2.0 to boost manufacturing and exports.
3. Implementing labour law reforms to create a more flexible and efficient labor market.
4. Strengthening bilateral and multilateral trade agreements to increase market access for Indian

products.

Select the correct answer using the code given below:

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

138

Consider the following statements about the Fit India Movement:

1. The movement's core strategy includes the establishment of fitness clubs and community centers specifically for training and fitness activities.
2. The movement has led to the incorporation of physical fitness activities in school curricula across different states in India.
3. The Fit India Movement

has been linked with the government's broader initiatives under the National Health Mission and the Ayushman Bharat scheme.

Which of the statements above is/are correct?

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

139

Which of the following statements about INS Arighat is/are correct?

1. INS Arighat is a nuclear-powered submarine.
2. INS Arighat is part of the Arihant-class of submarines.
3. INS Arighat is equipped with ballistic missiles capable of carrying nuclear warheads.
4. INS Arighat was built in

the United States and is leased to the Indian Navy.

Select the correct answer using the codes given below:

- A) 1 and 2 only
- B) 2 and 3 only
- C) 1, 2, and 3 only
- D) 1, 2, 3, and 4

140

The Shanghai Cooperation Organisation (SCO) is an important regional alliance that influences global geopolitics. Consider the following statements regarding the SCO:

1. The SCO was originally founded as the "Shanghai Five" before it expanded and was renamed.
2. India and Pakistan were the founding members of the SCO.
3. The SCO focuses only on security and counter-terrorism and does not engage in economic or

cultural cooperation.

4. The annual SCO Summit is always hosted by the member country that holds the rotating presidency.

Which of the statements given above is/are correct?

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

141

Consider the following reasons why the Vadhvan Port project has garnered significant attention:

1. It is proposed to be developed as a greenfield port, which means it is built from scratch on unused land.
2. The location of Vadhvan Port is strategically close to major international shipping routes, which

can boost India's trade with West Asia, Europe, and Africa.

3. The project has faced opposition due to environmental concerns, particularly its impact on marine biodiversity.

Which of the statements given above is/are correct?

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

142

The Swachh Bharat Mission (SBM) was launched to improve sanitation across India. It has two components: Swachh Bharat Mission (Gramin) and Swachh Bharat Mission (Urban). Consider the following statements:

1. Swachh Bharat Mission

(Gramin) focuses on rural areas, aiming to eliminate open defecation and improve solid and liquid waste management.

2. Swachh Bharat Mission (Urban) aims to make urban India open defecation-free (ODF) and improve waste management, including waste segregation at source.
3. Both components of the Swachh Bharat Mission are centrally sponsored schemes with 100% funding from the central government.

Which of the above statements is/are correct?

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

143

Which of the following initiatives

- are specifically aimed at promoting education among Scheduled Tribes (ST) in India?

1. Kasturba Gandhi Balika Vidyalaya (KGBV)
2. Vanbandhu Kalyan Yojana
3. National Fellowship and Scholarship for Higher Education of ST Students
4. Sarva Shiksha Abhiyan (SSA)

Select the correct answer using the code given below:

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

144

Which of the following statements regarding Navratna status in India is/are correct?

1. Navratna status is granted to Central Public Sector Enterprises (CPSEs) that exhibit exemplary financial and operational

performance.

2. A CPSE with Navratna status can make investments up to ₹1,000 crores without government approval.
3. Only CPSEs with a Maharatna status are eligible to receive Navratna status.

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) 1, 2, and 3

Sl.n	ANS	EXPLANATIONS
o.		
1.	B	<ol style="list-style-type: none"> 1. Incorrect. The IPEF is not a formal free trade agreement; it does not eliminate tariffs or establish free trade areas. Instead, it focuses on setting standards and rules in key economic areas without necessarily involving traditional trade liberalization measures. 2. Correct. One of the pillars of the IPEF deals with the digital economy and data governance, addressing issues such as data privacy, cybersecurity, data localization, and cross-border data flows. This reflects the growing importance of the digital economy in global trade and the need for coherent policies. 3. Incorrect. The IPEF does not explicitly address military cooperation. While the framework may have strategic implications, it is primarily focused on economic issues, such as trade, investment, supply chain resilience, and economic standards, rather than security or military cooperation. 4. Correct. The IPEF includes a focus on sustainable growth, emphasizing high environmental standards and promoting the transition to renewable energy sources. This reflects the global shift towards sustainability and the need to address climate change through economic policy.
2.	C	"Tarang Shakti 2024" is a comprehensive multinational naval exercise designed to improve interoperability among participating navies and strengthen regional security. The exercise includes complex naval drills, such as fleet maneuvers and various warfare exercises (anti-

		<p>aircraft, anti-submarine, and anti-surface). The primary focus is on enhancing combat readiness, showcasing naval power, and fostering military diplomacy, thereby contributing to regional stability and security. While aspects such as counter-piracy and HADR may be included, they are not the central focus of the exercise.</p> <p>Hence, option C best encapsulates the strategic objectives and implications of "Tarang Shakti 2024".</p>
<p>3.</p>	<p>B</p>	<p>Statement 1 is incorrect. The Aircraft (Amendment) Bill, 2000 did not propose the establishment of the Aircraft Accident Investigation Bureau. The establishment of a separate investigative body was not specifically addressed in this Bill.</p> <p>Statement 2 is correct. The Bill did include provisions for stricter penalties for violations of aviation safety and security regulations, including enhanced fines and imprisonment.</p> <p>Statement 3 is correct. The Bill aimed to enhance the powers of the Director-General of Civil Aviation, including regulatory authority over licensing, certification, and ensuring the airworthiness of aircraft.</p>
<p>4.</p>	<p>A</p>	<p>Lung cancer is strongly associated with environmental factors, particularly smoking, which is the leading cause of lung cancer worldwide. Smoking contributes to the majority of lung cancer cases due to the carcinogens present in tobacco smoke. While genetic mutations do play a role in the development of lung cancer, environmental factors, especially smoking, are the primary contributors.</p>

		<p>Statement B is correct. Lung cancer is broadly classified into two main types: small cell lung cancer (SCLC) and non-small cell lung cancer (NSCLC). NSCLC accounts for approximately 85% of all lung cancer cases and includes subtypes such as adenocarcinoma, squamous cell carcinoma, and large cell carcinoma. SCLC, though less common, is more aggressive and tends to spread more quickly.</p> <p>Statement C is correct. The TNM staging system is used to classify the extent of lung cancer, assessing the size and location of the tumour (T), the involvement of regional lymph nodes (N), and the presence of distant metastasis (M).</p> <p>Statement D is correct. Recent advancements in lung cancer treatment include targeted therapies, which focus on specific genetic mutations within cancer cells, and immunotherapies, which enhance the body's immune system to fight cancer. These therapies provide more personalized treatment options compared to traditional chemotherapy and radiation.</p>
<p>5.</p>	<p>C</p>	<p>Statement A is incorrect. The Line of Actual Control (LAC) is not a clearly demarcated boundary line. It is a de facto border that separates Indian-controlled territory from Chinese-controlled territory. Both countries have differing perceptions of the LAC, which has led to frequent disputes and standoffs.</p> <p>Statement B is partially correct but incomplete. While the 1993 Agreement on the Maintenance of Peace and Tranquility along the Line of Actual Control was a significant step, it was not the first bilateral agreement between the two countries addressing border issues. Earlier agreements, such as the 1954 Panchsheel Agreement, also touched</p>

		<p>upon aspects of their relations.</p> <p>Statement C is correct. The Doklam standoff in 2017 was indeed triggered by India's objection to China's construction of a road in the Doklam plateau, a region claimed by Bhutan. India, supporting Bhutan, viewed the construction as a potential threat to its strategic interests, especially concerning the security of the Siliguri Corridor, also known as the "Chicken's Neck," which connects India's north-eastern states with the rest of the country.</p> <p>Statement D is incorrect. There is no Comprehensive Economic Partnership Agreement (CEPA) between India and China. While bilateral trade has increased over the years, it has been governed by various trade and investment agreements, not a singular comprehensive framework like a CEPA. Additionally, there have been growing concerns in India about the trade imbalance with China.</p>
<p>6.</p>	<p>B</p>	<p>Statement 1: Incorrect. While cloudbursts are more common in mountainous regions due to the rapid uplift of moist air, they are not exclusive to these areas. They can occur in any region where atmospheric conditions are favourable.</p> <p>Statement 2: Correct. The Indian Meteorological Department does define a cloudburst as a rainfall event with 10 cm or more rain within an hour over a localized area.</p> <p>Statement 3: Correct. Cloudbursts can result from various atmospheric processes, including orographic lift, convective activities, and frontal movements.</p> <p>Statement 4: Incorrect. The intensity of a cloudburst is indeed measured in millimetres per hour, but there is no standardized</p>

		classification of 'severe' specifically tied to 100 mm/hr.
7.	C	<p>1.Incorrect: The Panchvaktra Temple is dedicated to Lord Shiva, not Lord Vishnu. The name "Panchvaktra" refers to the five-faced form of Lord Shiva depicted in the temple.</p> <p>2.Incorrect: The temple primarily showcases the typical Himachali architectural style rather than a blend of Nagara and Dravidian styles.</p> <p>3.Correct: The Panchvaktra Temple has indeed been declared a monument of national importance by the Archaeological Survey of India (ASI).</p> <p>4.Correct: Shivratri is a significant festival celebrated with great enthusiasm at the temple, drawing a large number of devotees.</p>
8.	C	<p>Incorrect: India and Vietnam have not signed a Comprehensive Economic Partnership Agreement (CEPA). However, they have a strong trade relationship and are exploring possibilities for further cooperation.</p> <p>Incorrect: The Indian Navy does conduct maritime exercises with the Vietnamese Navy, but 'VINBAX' refers to a joint military exercise between India and Vietnam, focusing on the Army rather than the Navy.</p> <p>Correct: The ancient Hindu kingdom of Champa did have a significant cultural influence in Vietnam, including the introduction of Hinduism and Indian art forms.</p> <p>Correct: India and Vietnam have a Strategic Partnership Agreement, which includes various sectors, including cooperation in the civil nuclear sector.</p>
9.	D	1.Incorrect. Mangrove forests thrive in high-salinity environments,

		<p>where they have adapted to withstand osmotic stress. The unique adaptations of mangroves, such as salt-excreting leaves and specialized roots, enable them to survive in saline water. Freshwater influx can reduce salinity but is not the primary factor that determines the presence of mangroves.</p> <p>2. Correct. Mangrove ecosystems are known for their rich biodiversity, supporting a variety of species uniquely adapted to harsh environmental conditions, including fluctuating salinity and low oxygen levels.</p> <p>3. Correct. The roots of mangroves, such as pneumatophores, are specialized aerial roots that protrude above the waterlogged soil to facilitate gas exchange. They help absorb oxygen from the air, which is crucial for the survival of the plant in oxygen-deficient mud.</p> <p>4. Incorrect. While it is true that mangroves act as natural barriers against storms and tidal surges, they are also highly effective in mitigating soil erosion. Their dense and extensive root systems stabilize the soil, prevent coastal erosion, and trap sediments.</p>
<p>10.</p>	<p>A</p>	<p>Statement 1 is correct. Ransomware indeed encrypts a victim's files, making them inaccessible, and demands payment for decryption.</p> <p>Statement 2 is correct. Double extortion involves both encrypting and stealing data, with the threat of publication if the ransom isn't paid.</p> <p>Statement 3 is correct. RaaS is a model where ransomware creators lease their tools to other criminals, often taking a cut of the ransom payments.</p> <p>Statement 4 is correct. Public key encryption is frequently used in ransomware attacks, with the attackers holding the private key</p>

		<p>necessary for decryption.</p> <p>Statement 5 is incorrect. Paying the ransom does not guarantee that the encrypted files will be decrypted or that stolen data will not be published. Attackers may still withhold decryption keys or publish data even after payment.</p>
11.	A	<p>Statement 1 is correct. The India-US Civil Nuclear Agreement, also known as the 123 Agreement, was indeed signed in 2008. It marked a turning point in India-US relations by ending India's nuclear isolation and enabling cooperation in civil nuclear energy.</p> <p>Statement 2 is correct. The United States has become a key defense supplier for India, providing advanced military technology and equipment. The Malabar naval exercise, which originally started as a bilateral exercise between India and the US, now includes Japan and focuses on enhancing cooperation in the Indo-Pacific region.</p> <p>Statement 3 is incorrect. While the Comprehensive Global Strategic Partnership signifies an advanced phase in India-US relations, it was not established in 2019. The term "Comprehensive Global Strategic Partnership" does not refer to a specific agreement or treaty established in 2019; rather, it reflects an evolving strategic relationship that has developed over time. The term came into use after the 2020 India-US summit when the partnership was elevated to this status.</p> <p>Thus, the correct answer is A) 1 and 2 only.</p>
12.	B	<p>Statement 1: Incorrect. The Axiom missions are notable for including private individuals alongside professional astronauts from various space agencies. The mission typically involves private astronauts who are not career astronauts but have undergone training for space travel.</p>

		<p>Statement 2: Correct. A key aspect of the Axiom missions is to conduct a variety of scientific experiments and technological tests in the unique microgravity environment of the ISS. This includes research in fields like biomedicine, materials science, and technology demonstrations.</p> <p>Statement 3: Correct. A significant objective of Axiom Space is to establish Axiom Station, a commercial space station that will initially be attached to the ISS. This station is projected to be operational in the mid-2020s, providing commercial opportunities in low Earth orbit.</p>
13.	B	<p>Statement A: Nazul land refers to land that became government property through processes such as confiscation, escheat (reversion to the state when there are no legal heirs), or abandonment by owners, not exclusively from zamindars during the British period.</p> <p>Statement B: Nazul land is managed by state governments, and its uses can vary, including public utility projects, urban development, or leasing for commercial purposes. The state government has the authority to decide the utilization and management of these lands.</p> <p>Statement C: The revenues from Nazul land are not restricted solely to rural development projects nor are they exclusively directed by the central government. The state governments have the discretion to use these funds for various purposes, which may include but are not limited to urban development, infrastructure projects, and other public welfare activities.</p>
14.	A	<p>Statement 1 is correct. Historically, the Asiatic lion's range extended from the Middle East to Bengal. However, today, they are found only in the Gir Forest and surrounding areas in Gujarat, India.</p>

		<p>Statement 2 is correct. Habitat fragmentation and human-induced changes, such as agricultural expansion and urbanization, are major threats to the Asiatic lion's survival.</p> <p>Statement 3 is correct. The Asiatic lion has low genetic diversity due to a historical population bottleneck, making it more vulnerable to diseases and reducing its adaptability.</p> <p>Statement 4 is incorrect. While there have been discussions and plans for a "Lion Relocation Project" to establish a second population in Kuno National Park in Madhya Pradesh, the project has faced delays and opposition. It has not been successfully implemented and completed as of now.</p> <p>Statement 5 is incorrect. Asiatic lions typically live in smaller prides compared to African lions. Asiatic lion prides usually consist of a few females and their cubs, often not exceeding 10 individuals, whereas African lion prides can be much larger.</p> <p>Thus, the correct answer is (a) 1, 2, and 3 only.</p>
15.	A	<ol style="list-style-type: none">1. Mycobacterium tuberculosis is indeed the primary causative agent of TB, so Statement 1 is correct.2. The DOTS strategy is designed to ensure patients adhere to their TB treatment regimen, making Statement 2 correct.3. The BCG vaccine does not provide complete immunity against TB; it primarily helps in preventing severe forms of TB in children. Therefore, Statement 3 is incorrect.

16.	C	Musical pillars are a feature of the Vittala Temple, not the Virupaksha Temple. The Virupaksha Temple is known for its Dravidian architectural style and a large gopuram.
17.	A	<p>Statement 1: Correct. The Four-ringed Butterfly belongs to the Nymphalidae family and is known for its distinctive four-ring pattern on its wings.</p> <p>Statement 2: Incorrect. The Four-ringed Butterfly is primarily found in the Western Ghats and is not found throughout India, including the Thar Desert or coastal regions.</p>
18.	B	<ol style="list-style-type: none"> 1. Correct - The Debt to GDP ratio measures a country's total national debt as a percentage of its GDP. This helps to understand the country's debt level in relation to its economic output. 2. Incorrect - A higher Debt to GDP ratio indicates a higher level of national debt relative to economic output, not a lower level. 3. Correct - Credit rating agencies use the Debt to GDP ratio as one of the factors to assess a country's creditworthiness, as it reflects the country's ability to repay its debt.
19.	B	<p>Explanation:</p> <ol style="list-style-type: none"> 1. Kuchipudi originated in Andhra Pradesh, not Tamil Nadu. It is

		<p>also not limited to solo performances but can be performed as a group as well.</p> <ol style="list-style-type: none"> This statement is correct. Kuchipudi is known for its expressive gestures, rhythmic footwork, and narrative storytelling, often based on Hindu mythology. Rukmini Devi Arundale was a key figure in the popularization of Bharatanatyam, not Kuchipudi. Kuchipudi is known for integrating vocal music, instrumental accompaniment, and dramatic dialogues into its performances.
20.	A	<p>Statement 1: Correct. The Lithium Triangle is located in the Andean region of South America.</p> <p>Statement 2: Incorrect. Lithium reserves in the Lithium Triangle are found in brine deposits, not oil shale.</p> <p>Statement 3: Incorrect. The Lithium Triangle includes Argentina, Chile, and Bolivia, not Paraguay.</p>
21.	A	<p>Statement 1: Correct. Sariska Tiger Reserve is known for its population of Bengal tigers.</p> <p>Statement 2: Correct. Sariska Tiger Reserve is located in the Alwar district, which is in the south eastern part of Rajasthan.</p> <p>Statement 3: Incorrect. Sariska Tiger Reserve is not known for Asiatic lions; it is known for Bengal tigers. The Asiatic lion is found in the Gir Forest National Park in Gujarat.</p>
22.	A	<p>Statement 1: Correct. The Teesta River is indeed a major river in the eastern Himalayas.</p> <p>Statement 2: Incorrect. The Teesta River flows through Sikkim and</p>

		<p>West Bengal in India and then into Bangladesh, but it does not flow through Assam. It eventually merges with the Brahmaputra River.</p> <p>Statement 3: Correct. The Teesta River basin is shared between India and Bangladesh.</p>
23.	A	<ul style="list-style-type: none"> • Statement 1: Correct. Tarang Shakti 2024 is indeed the largest international air exercise ever conducted in India, with invitations extended to 51 countries. • Statement 2: Incorrect. Phase One of the exercise will take place in Suler, Tamil Nadu, not Jodhpur, Rajasthan. Participants in this phase include France, Germany, Spain, and the United Kingdom. • Statement 3: Incorrect. Phase Two of the exercise will be held in Jodhpur, Rajasthan, not Suler. This phase will feature participants from Australia, Bangladesh, Greece, Singapore, UAE, and the USA. The aircraft mentioned, such as the F-18 and Rafale, are part of the exercise. • Statement 4: Correct. One of the key objectives of the exercise is to showcase India's indigenous defense technologies and improve interoperability among participating nations.
24.	D	<ul style="list-style-type: none"> • Statement 1: Correct. PMMSY was indeed launched in 2020 by the Ministry of Fisheries, Animal Husbandry, and Dairying with the goal of promoting sustainable and economically viable development in the fisheries sector.

		<ul style="list-style-type: none"> • Statement 2: Correct. The scheme aims to achieve a target of 22 million tonnes of fish production by the year 2024-25. • Statement 3: Incorrect. The scheme does not focus on space-based technologies for fish farming. • Statement 4: Correct. PMMSY aims to create 55 lakh direct and indirect jobs in the fisheries sector.
25.	B	<p>Statement 1 is incorrect. The Waqf Act, 1995, does not provide for the establishment of Central Waqf Boards. Instead, it mandates the establishment of State Waqf Boards to manage and oversee waqf properties at the state level. However, there is a Central Waqf Council that advises the government and coordinates the work of the State Waqf Boards.</p> <p>Statement 2 is correct. The Act defines "waqf" as a permanent dedication of movable or immovable property by a Muslim for any purpose recognized by Muslim law as pious, religious, or charitable.</p> <p>Statement 3 is correct. The Act mandates that every state in India must establish a State Waqf Board, responsible for the administration of waqf properties in that state. The Board is tasked with the general superintendence of all waqfs in the state.</p>
26.	A	<ol style="list-style-type: none"> 1. Statement 1: Correct. The Central Board of Trustees (CBT) is the apex decision-making body of the EPFO. It is responsible for managing the funds and the schemes under the Employees' Provident Funds and Miscellaneous Provisions Act, 1952. 2. Statement 2: Correct. The EPFO is headed by the Central

		<p>Provident Fund Commissioner, who oversees the organization's day-to-day operations and ensures the implementation of policies and schemes.</p> <p>3. Statement 3: Incorrect. The EPFO is under the administrative control of the Ministry of Labour and Employment, Government of India, not the Ministry of Finance. The Ministry of Labour and Employment supervises and guides the functioning of the EPFO.</p>
27.	D	<p>Pochampally Ikat: This handloom product from Telangana is known for its unique geometric patterns and has received the GI tag.</p> <p>Banarasi Saree: Originating from Varanasi, Uttar Pradesh, these sarees are famous for their intricate brocade work and have a GI tag.</p> <p>Kanjeevaram Silk: These sarees are renowned for their durability and vibrant colors and come from Tamil Nadu. They have a GI tag.</p> <p>Madhubani Paintings: Though not a handloom product, Madhubani paintings, originating from Bihar, have also received the GI tag for their traditional and cultural significance.</p> <p>All the items listed have received GI tags, making the correct answer option D.</p>
28.	A	<p>Statement 1 is correct : because beneficiaries are indeed identified based on SECC data.</p> <p>Statement 2 is incorrect : because the scheme specifically targets economically vulnerable families rather than covering all families in</p>

		India.
29.	A	<p>Explanation: Statement 1 is correct as PM-JAY covers both pre-hospitalization and post-hospitalization expenses for secondary and tertiary care.</p> <p>Statement 2 is incorrect because PM-JAY includes empanelled private hospitals in addition to government hospitals.</p>
30.	A	<ol style="list-style-type: none"> Statement 1 is correct: The Appropriation Bill is required to be passed annually. It is part of the budget process and authorizes the government to withdraw funds from the Consolidated Fund of India to meet its expenditure for the financial year. Statement 2 is incorrect: While the Appropriation Bill does provide for the appropriation out of the Consolidated Fund of India, it primarily concerns itself with the amounts required to meet the expenses voted by the Lok Sabha. The expenses charged upon the Consolidated Fund of India, such as the salaries of the judges of the Supreme Court and the Comptroller and Auditor General of India, are not subject to the vote of the Lok Sabha, though they are included in the Appropriation Bill. Statement 3 is incorrect: The President of India cannot withdraw funds from the Consolidated Fund of India without the Appropriation Bill being passed. The bill is a legislative requirement that ensures parliamentary control over the expenditure of the government.
31.	B	<ol style="list-style-type: none"> Correct. The Mullaperiyar Dam is indeed located on the Periyar

		<p>River in the state of Kerala but is operated and maintained by the Tamil Nadu government. This unique arrangement dates back to a lease agreement made during the British colonial period.</p> <p>2. Incorrect. The dispute did not primarily arise due to demands for decommissioning by the Tamil Nadu government. Instead, the primary concerns have been raised by the Kerala government, which has expressed fears about the safety of the dam due to its age and potential seismic activity in the region. Tamil Nadu, on the other hand, has consistently sought to maintain and increase the water level of the dam to meet its irrigation and drinking water needs.</p> <p>3. Correct. The Supreme Court of India has indeed intervened in the dispute multiple times. One of its significant rulings was in 2014, where it allowed Tamil Nadu to raise the water level to 142 feet, subject to periodic safety checks and measures. This ruling was reaffirmed in subsequent judgments, emphasizing the maintenance of the water level at 142 feet.</p>
<p>32.</p>	<p>A</p>	<p>1. Statement 1 is correct: The DMF is indeed established as a non-profit trust to work for the interest and benefit of persons and areas affected by mining-related operations. It aims to ensure sustainable development and improve the quality of life of people in mining-affected regions.</p> <p>2. Statement 2 is correct: The funds of the DMF can be utilized for various developmental activities in mining-affected areas, including infrastructure development, healthcare facilities, educational initiatives, and other welfare programs.</p> <p>3. Statement 3 is incorrect: The DMF operates at the district</p>

		<p>level rather than the national level. It is managed by the district authorities in the mining-affected areas, although the Ministry of Mines, Government of India, provides overall policy guidance.</p>
33.	B	<ol style="list-style-type: none">1. Correct: The Rashtriya Vigyan Puraskar is indeed awarded annually by the Government of India to recognize outstanding contributions in the field of science and technology.2. Incorrect: The eligibility for the Rashtriya Vigyan Puraskar is not limited to Indian citizens. Outstanding contributions by individuals of any nationality can be recognized, although preference may be given to Indian citizens or those whose work has significantly impacted India.3. Correct: The award includes a cash prize, a citation, and often a research grant to encourage further scientific research and innovation.
34.	B	<ol style="list-style-type: none">1. The Champaran Satyagraha of 1917 was indeed the first major Satyagraha led by Mahatma Gandhi in India. It was launched to address the grievances of farmers in Champaran (in present-day Bihar) who were forced to grow indigo under exploitative conditions.2. The statement regarding the Indian National Congress's involvement in the non-cooperation movement is incorrect in this context. The Champaran Satyagraha was not directly related to the non-cooperation movement but was an early instance of Gandhi's approach to civil disobedience.3. The movement was not against land revenue policies in Bengal, but rather against the indigo cultivation practices in Champaran.

		<p>4. The movement was not about a new tax on textiles but rather about the indigo cultivation imposed on farmers.</p>
35.	B	<ul style="list-style-type: none">• Statement 1 is correct: Project PARI is an initiative aimed at promoting contemporary Indian art by integrating it into public spaces across major Indian cities, thereby making art more accessible to the general public.• Statement 2 is incorrect: The project is not exclusive to traditional Indian art forms; it includes modern and contemporary styles as well.• Statement 3 is correct: The project involves collaboration between governmental and non-governmental organizations to facilitate large-scale public art installations.
36.	C	<ol style="list-style-type: none">1. Statement 1: INS Tabar is indeed a guided-missile frigate of the Talwar class, which was commissioned into the Indian Navy in April 2004. Therefore, Statement 1 is correct.2. Statement 2: While INS Tabar is equipped for a variety of missions, including anti-aircraft and anti-ship roles, its primary role is not specifically anti-submarine warfare (ASW). Therefore, Statement 2 is incorrect.3. Statement 3: INS Tabar has participated in several international naval exercises, including those with the Russian and French navies, such as the INDRA series of exercises with Russia. Thus, Statement 3 is correct.

37.	A	<ul style="list-style-type: none"> • Statement 1 is incorrect. CAR-T cells are engineered in the laboratory, but instead of producing specific antigens, they are modified to express a Chimeric Antigen Receptor (CAR) that can recognize specific antigens on cancer cells. • Statement 2 is correct. CAR-T therapy involves modifying a patient's T-cells to express a receptor that can specifically recognize and bind to antigens on the surface of cancer cells. This enables the immune cells to target and destroy the cancerous cells. • Statement 3 is incorrect. CAR-T cell therapy is primarily used for hematologic (blood-related) cancers like certain types of leukemia and lymphoma, rather than solid tumors like lung and breast cancer, which present different challenges in terms of treatment.
38.	B	<ul style="list-style-type: none"> • Statement 1 is correct: Coal gasification is indeed the process of converting solid coal into a mixture of gases, commonly known as synthesis gas or syngas, which mainly contains hydrogen (H₂), carbon monoxide (CO), and carbon dioxide (CO₂). • Statement 2 is incorrect: While coal gasification can lead to more efficient energy production and the potential for carbon capture, it does not inherently reduce CO₂ emissions when compared to traditional coal combustion. The reduction in CO₂ emissions depends on how the syngas is used and whether carbon capture technologies are implemented. • Statement 3 is correct: Syngas can be utilized in various applications, including electricity generation, the production of liquid fuels (via Fischer-Tropsch synthesis), and as a feedstock

		for producing chemicals such as ammonia or methanol.
39.	C	<p>1. Statement 1: Correct. The Monetary Policy Committee (MPC) is indeed a statutory body established under the Reserve Bank of India Act, 1934, as amended by the Finance Act, 2016.</p> <p>2. Statement 2: Incorrect. The primary objective of the MPC is to maintain price stability while keeping in mind the objective of growth. Controlling the money supply is not the primary objective but rather a tool used to achieve the main goal of controlling inflation.</p> <p>3. Statement 3: Incorrect. The MPC meets every two months, which is a correct fact, but the question asked for the correct statements, and statement 2 was incorrect. Therefore, even if one statement is correct, it does not make the option valid if paired with incorrect information.</p> <p>4. Statement 4: Correct. The Governor of the RBI is indeed the ex-officio Chairperson of the MPC.</p> <p>Correct Answer: C. 1 and 4 only</p>
40.	C	<p>1. Statement 1: Incorrect. A Privilege Motion can be moved by any member of either House of Parliament, not just a member of the ruling party. The motion is brought forward when a member believes that a breach of privilege has occurred or is likely to occur.</p> <p>2. Statement 2: Incorrect. The Privilege Committee is indeed a committee that deals with privilege issues, but it is not a standing committee with permanent members. The members are nominated as per the requirements, and separate committees</p>

		<p>exist for the Lok Sabha and the Rajya Sabha.</p> <p>3. Statement 3: Correct. If a Privilege Motion is passed and the member is found guilty of breach of privilege, it can lead to penalties, including suspension from the House.</p>
41.	B	<p>Statement 1: This statement is correct. The Privilege Committee's main role is to investigate matters where there might be a breach of parliamentary privilege or contempt of the House. It examines allegations against members or external entities and makes recommendations on how to handle such breaches.</p> <p>Statement 2: This statement is incorrect. The Privilege Committee is not appointed by the President of India. Instead, it is constituted by the respective Houses of Parliament—Lok Sabha and Rajya Sabha. Members of the Privilege Committee are elected by the members of each House, not appointed by the President.</p> <p>Statement 3: This statement is correct. After conducting its investigation, the Privilege Committee submits its report to the House of Parliament (either Lok Sabha or Rajya Sabha) in which it was constituted. The report includes its findings and recommendations. The House then considers these recommendations and decides on the appropriate actions to take.</p>
42.	B	<p>Answer: B. Only statements 1 and 2 are correct</p> <p>Statement 1: Correct. The Quit India Resolution was indeed passed at the All India Congress Committee (AICC) session in Bombay on August 8, 1942.</p> <p>Statement 2: Correct. The movement was marked by widespread civil</p>

		<p>disobedience, including the refusal to pay taxes, non-cooperation with the British authorities, and mass protests.</p> <p>Statement 3: Incorrect. The British government responded with repression and arrests of Congress leaders rather than immediate political concessions or negotiations. The movement was met with widespread suppression, and significant leaders were imprisoned.</p>
43.	B	<p>The correct answer is 2. Excessive nutrient runoff leading to eutrophication.</p> <ol style="list-style-type: none"> 1. Increased sedimentation due to deforestation can lead to issues like reduced water clarity and habitat degradation, but it is not the primary cause of "Dead Zones" in marine environments. 2. Excessive nutrient runoff leading to eutrophication is the main cause of "Dead Zones." When excess nutrients, particularly nitrogen and phosphorus from agricultural runoff, enter marine systems, they promote the rapid growth of algae. This algal bloom depletes the oxygen in the water as the algae die and decompose, creating low-oxygen "Dead Zones" where marine life cannot survive. 3. Overfishing and depletion of fish species can have severe ecological impacts and disrupt marine ecosystems but are not the primary cause of Dead Zones. 4. Oil spills and contamination cause pollution and harm marine life but do not typically create Dead Zones. Oil spills affect water quality and marine organisms differently compared to nutrient-induced hypoxia.

44.		<p>The correct answer is d) 1, 2, and 3.</p> <ul style="list-style-type: none"> • Statement 1: Correct. The 73rd Amendment Act of 1992 indeed introduced the concept of reservation for women in local bodies. • Statement 2: Correct. The 74th Amendment Act of 1992 is related to the establishment of Municipalities and urban local governance. • Statement 3: Correct. The 86th Amendment Act of 2002 introduced the Right to Education for children aged 6 to 14 years as a fundamental right.
45.	B	<ol style="list-style-type: none"> 1. Statement 1 is incorrect. While Neelakurinji is known for its ecological significance, there is limited evidence supporting its use as a medicinal plant in traditional medicine. 2. Statement 2 is correct. Neelakurinji is indeed found in montane grasslands and shola forests of the Western Ghats, and it often coexists with various endemic plant species in these habitats. 3. Statement 3 is correct. The flowering of Neelakurinji is influenced by monsoon patterns, and there is growing concern that climate change may impact its flowering cycle and ecological interactions.
46.	B	<p>Statement 1 is correct. In-situ Slum Redevelopment (ISRD) is a component of PMAY-U aimed at improving slum conditions.</p> <p>Statement 2 is correct. Affordable Housing in Partnership (AHP) involves collaborations between public and private entities to provide affordable housing.</p>

		<p>Statement 3 is correct. Credit Linked Subsidy Scheme (CLSS) provides interest subsidies on housing loans for eligible beneficiaries.</p> <p>Statement 4 is incorrect. While PPP can be a part of various urban development schemes, it is not a specific component of PMAY-U.</p>
47.	A	<ol style="list-style-type: none"> Statement 1 is correct. Climate-resilient farming refers to practices and techniques that help agriculture adapt to and withstand the impacts of climate change, such as extreme weather events and shifting weather patterns. Statement 2 is correct. Using drought-resistant crop varieties is a classic example of a climate-resilient practice, as these crops are better suited to withstand periods of low water availability. Statement 3 is incorrect. Soil conservation techniques, such as contour plowing, are relevant and important in climate-resilient farming. They help prevent soil erosion, improve water retention, and enhance overall soil health, which are crucial for adapting to climate variability.
48.	A	<ol style="list-style-type: none"> Correct: The IUCN Red List indeed categorizes species based on their conservation status into various categories such as "Least Concern," "Near Threatened," "Vulnerable," "Endangered," "Critically Endangered," and "Extinct." Incorrect: The IUCN Red List includes both animal and plant species, as well as fungi and other taxa. Incorrect: The IUCN Red List is not updated annually but rather updated periodically. The frequency of updates can vary depending on the species and the availability of new data.

49.	B	<ul style="list-style-type: none"> • Statement 1 is correct: Mission Saksham Anganwadi aims to improve the overall functioning of Anganwadi centers, which are part of the ICDS scheme. It focuses on strengthening these centers to ensure better service delivery in terms of health, nutrition, and early childhood education. • Statement 2 is incorrect: While Mission Saksham Anganwadi and Poshan 2.0 focus on children under 6 years of age, they are not exclusive to this group. The mission also targets pregnant women, lactating mothers, and adolescent girls. • Statement 3 is correct: Poshan 2.0 includes a focus on reducing anemia among adolescent girls, pregnant women, and lactating mothers, along with children.
50.	D	<ul style="list-style-type: none"> • Statement 1 is correct. The Ministry of Social Justice and Empowerment is the nodal agency responsible for implementing the Nasha Mukta Bharat Abhiyan. • Statement 2 is correct. The Ministry of Education collaborates in promoting awareness and preventive education among students and youth as part of the campaign. • Statement 3 is correct. The National Institute of Social Defence (NISD) plays a significant role in training, research, and capacity-building related to de-addiction and social defence programs under the campaign.
51.	B	<p>1. Statement 1 is incorrect: While carbon dioxide (CO₂) is a significant greenhouse gas and a major contributor to climate change, it is not the most abundant greenhouse gas. Water vapor (H₂O) is the most abundant greenhouse gas in the</p>

		<p>atmosphere, though its concentration varies more significantly.</p> <p>2. Statement 2 is correct: Methane (CH₄) is indeed more effective at trapping heat in the atmosphere compared to carbon dioxide (CO₂). Methane has a global warming potential many times greater than that of CO₂, although it is present in much lower concentrations.</p> <p>3. Statement 3 is correct: Deforestation reduces the Earth's capacity to absorb carbon dioxide, thereby contributing to climate change. Trees and forests act as carbon sinks, absorbing CO₂ from the atmosphere. When forests are cleared, this capacity is reduced, and the carbon stored in the trees is often released back into the atmosphere.</p>
52.	B	<ul style="list-style-type: none"> • Statement 1 is correct. Mission Vatsalya is indeed a scheme launched by the Government of India focusing on the welfare, protection, and development of children. • Statement 2 is incorrect. While Mission Vatsalya is aimed at the welfare of children, it does not directly provide financial support for higher education. Such support might be available under other schemes, but not specifically under Mission Vatsalya. • Statement 3 is correct. One of the key aspects of Mission Vatsalya is the involvement of local bodies and communities in ensuring the welfare and protection of children.
53.	D	<p>Statement 1 is correct: Daman and Diu were indeed Portuguese colonies until they were annexed by India in December 1961.</p> <p>Statement 2 is correct: Daman and Diu are located on the western</p>

		<p>coast of India. Daman is situated to the north of Diu.</p> <p>Statement 3 is correct: Daman and Diu were merged with Dadra and Nagar Haveli to form a single Union Territory in January 2020.</p>
54.	B	<ol style="list-style-type: none"> Statement 1: Incorrect. The Perseid meteor shower is associated with the comet Swift-Tuttle, not Halley. Halley's Comet is associated with the Eta Aquariid and Orionid meteor showers. Statement 2: Correct. The meteoroids responsible for the Perseid meteor shower are debris left behind by comet Swift-Tuttle. As Earth passes through this debris stream, the particles enter the atmosphere and produce visible meteors. Statement 3: Correct. The Perseid meteor shower typically peaks in August each year, usually around August 12th. Statement 4: Incorrect. The best time to observe the Perseid meteor shower is in the pre-dawn hours when the sky is darkest. Observing in the late evening is less effective due to the increased interference from twilight.
55.	B	<ol style="list-style-type: none"> Statement 1: Correct. AUKUS is a trilateral security partnership involving Australia, the United Kingdom, and the United States. Statement 2: Correct. One of the primary goals of AUKUS is to enhance defense collaboration in the Indo-Pacific region, including the development of nuclear-powered submarines for the Australian Navy. Statement 3: Incorrect. Canada is not a member of the AUKUS

		<p>alliance. The partnership includes only Australia, the United Kingdom, and the United States.</p> <p>4. Statement 4: Correct. The AUKUS partnership was announced in September 2021 and was largely seen as a strategic move to counterbalance China's growing influence in the Indo-Pacific region.</p>
56.	A	<p>1. Statement 1: Correct. East Timor is situated on the eastern part of the island of Timor and shares a land border with Indonesia.</p> <p>2. Statement 2: Correct. The Timor Sea lies between East Timor and Australia, defining their maritime boundary.</p> <p>3. Statement 3: Incorrect. East Timor is separated from Papua New Guinea by the Timor Sea, not the Arafura Sea.</p> <p>4. Statement 4: Incorrect. The island of Timor is divided between East Timor and Indonesia, not Malaysia.</p>
57.	A	<p>1. Statement 1: Correct. Gurmar (<i>Gymnema sylvestre</i>) is widely used in traditional medicine, particularly in Ayurvedic medicine, for its potential benefits in managing diabetes.</p> <p>2. Statement 2: Incorrect. Gurmar is native to the tropical regions of India and Africa, not North America. Its primary use is related to diabetes management, not specifically anti-inflammatory properties.</p> <p>3. Statement 3: Correct. Gurmar is often referred to as "sugar destroyer" because it is believed to help reduce sugar cravings and lower blood sugar levels.</p>

		<p>4. Statement 4: Incorrect. Gurmar is not specifically known for enhancing the absorption of vitamins and minerals. Its primary known benefit is in managing sugar levels and diabetes.</p>
58.	C	<p>1. Statement 1: Correct. The South China Sea is bordered by China, Vietnam, the Philippines, Malaysia, and Brunei.</p> <p>2. Statement 2: Correct. The United Nations Convention on the Law of the Sea (UNCLOS) is indeed the primary legal framework for maritime disputes, including those in the South China Sea.</p> <p>3. Statement 3: Incorrect. The "Nine-Dash Line" is a territorial claim used by China, not Indonesia. It is a controversial claim that overlaps with the territorial claims of several other countries in the region.</p> <p>4. Statement 4: Correct. The South China Sea is known for its significant reserves of oil and natural gas, which contribute to its geopolitical importance.</p>
59.	B	<p>(b) Longwall mining</p> <p>Longwall mining is a method used to extract coal from deep underground mines. It involves the full extraction of coal from a section of the seam or "long wall."</p> <p>Hydraulic fracturing is used in oil and gas extraction, not coal mining.</p> <p>Strip mining is a type of surface mining, typically used for extracting coal from shallow deposits.</p>

		<p>Room and pillar mining is another method used in underground coal mining, but it is less common than longwall mining in India.</p>
60.	B	<ol style="list-style-type: none"> Statement 1: Incorrect. Chandrayaan-2 was the first mission of ISRO to attempt a soft landing on the lunar surface, although the lander (Vikram) failed to achieve a successful soft landing. Chandrayaan-3 is the second mission attempting a soft landing. Statement 2: Correct. Chandrayaan-3 was launched with the primary objective of achieving a successful landing on the Moon's south polar region, which is of significant interest due to the potential presence of water ice. Statement 3: Incorrect. Unlike Chandrayaan-2, Chandrayaan-3 does not include an orbiter. The mission consists of only a lander (Vikram) and a rover (Pragyan). The orbiter from Chandrayaan-2 is still functional and continues to relay communication. Statement 4: Correct. Chandrayaan-3 successfully demonstrated key technologies such as precision landing, hazard detection, and avoidance, which are critical for future lunar and interplanetary missions.
61.	B	<ol style="list-style-type: none"> Incorrect. Hajj is performed during the Islamic month of Dhu al-Hijjah, not Ramadan. Correct. Tawaf involves circling the Kaaba seven times in a

		<p>counter-clockwise direction.</p> <p>3. Incorrect. Hajj is performed in Mecca, not Medina. Medina is significant for the Prophet Muhammad's burial place and the site of the Masjid an-Nabawi.</p> <p>4. Correct. Performing Hajj is indeed one of the Five Pillars of Islam.</p>
62.	C	<p>Statement 1 is correct. The classification of MSMEs in India is based on investment in plant and machinery or equipment and annual turnover, as per the latest criteria established by the Government of India.</p> <p>Statement 2 is correct. MSMEs are a crucial part of the Indian economy. They contribute significantly to GDP, export earnings, and employment generation. They are often referred to as the backbone of the Indian economy.</p> <p>Statement 3 is incorrect. The Ministry of Micro, Small, and Medium Enterprises, not the Ministry of Finance, is the nodal ministry responsible for the development of MSMEs in India.</p>
63.	A	<p>Statement 1 is correct. The Cabinet Mission Plan proposed a united India with a federal structure, giving autonomy to provinces and princely states.</p> <p>Statement 2 is correct. The Cabinet Mission Plan recommended the creation of an interim government to assist in the transfer of power.</p> <p>Statement 3 is incorrect. While both the Indian National Congress</p>

		<p>and the Muslim League initially accepted the plan, the Muslim League later rejected it due to disagreements over the interpretation of the grouping of provinces</p> <p>The correct answer is A) 1 and 2 only.</p>
64.	A	<p>(a) 1, 2, and 3 only</p> <p>Pair 1 is correctly matched: Nalsarovar Lake is located in Gujarat. Pair 2 is correctly matched: Wular Lake is in Jammu & Kashmir. Pair 3 is correctly matched: Vembanad-Kol Wetland is in Kerala. Pair 4 is incorrectly matched: Harike Wetland is located in Punjab, not Haryana.</p>
65.	A	<p>A) 1 and 2 only</p> <ol style="list-style-type: none"> 1. Constituent Assemblies as Legislatures: The Act provided that the Constituent Assemblies of both India and Pakistan would serve as their respective central legislatures until new constitutions were framed. So, Statement 1 is correct. 2. Continuation of Officials: The Act ensured the continuation of civil servants and other officials appointed before independence to maintain administrative continuity. Hence, Statement 2 is correct. 3. Jurisdiction of British Crown: The Act ended the British Crown's jurisdiction over the Indian dominions from August 15, 1947. Therefore, Statement 3 is incorrect.
66.	B	<p>(b) 2 and 3 only</p>

	<p>1. Statement 1: E-waste includes only discarded electronic devices like smartphones and computers.</p> <p>This statement is incorrect. E-waste refers to discarded electronic and electrical equipment, including items like refrigerators, washing machines, batteries, and even certain types of light bulbs, in addition to smartphones and computers. Therefore, e-waste encompasses a broad range of electronic and electrical products.</p> <p>2. Statement 2: The Basel Convention is an international treaty that addresses the control of transboundary movements of hazardous wastes and their disposal, including e-waste.</p> <p>This statement is correct. The Basel Convention, adopted in 1989, is an international treaty designed to reduce the movements of hazardous waste between nations, especially from developed to less developed countries. It covers various hazardous wastes, including e-waste.</p> <p>3. Statement 3: In India, the E-Waste (Management) Rules, 2016, mandate producers to implement the Extended Producer Responsibility (EPR) to manage e-waste.</p> <p>This statement is correct. The E-Waste (Management) Rules, 2016, introduced in India, require producers of electronic goods to adopt Extended Producer Responsibility (EPR), which includes setting up collection systems and ensuring proper recycling or disposal of e-waste.</p>
67.	<p>A Extended Range (1) and Enhanced Accuracy (3) are key strategic</p>

		<p>advantages of long-range glide bombs.</p> <p>Reduced Logistics (2) is not directly related to glide bombs, as aerial refueling is not inherently affected by their use.</p> <p>Cost Efficiency (4) is not universally true as glide bombs can sometimes be expensive due to advanced technology.</p>
68.	C	<p>Explanation:Monkeypox is indeed a viral zoonotic disease, meaning it can be transmitted from animals to humans.</p> <p>It can spread among humans primarily through respiratory droplets, though close contact with infected bodily fluids or contaminated objects can also facilitate transmission.</p> <p>Contrary to statement 3, there is a vaccine available for Monkeypox. The smallpox vaccine has been found to be effective against Monkeypox as well</p> <p>Monkeypox symptoms are similar to but generally milder than those of smallpox, including fever, rash, and swollen lymph nodes.</p>
69.	C	<p>Correct Answer: C (1, 2, and 4 only)</p> <ul style="list-style-type: none"> • Gitanjali: This is a collection of poems by Rabindranath Tagore, for which he won the Nobel Prize in Literature in 1913. • Chitrangada: This is a dance drama written by Tagore based on a story from the Mahabharata. • Kapala Kundala: This is a novel written by Bankim Chandra Chattopadhyay, not by Rabindranath Tagore. • The Home and the World: This is a novel by Tagore that

		explores the impact of the Swadeshi movement in Bengal.
70.	B	<ul style="list-style-type: none"> • Statement 1 is correct: Savitri is an epic poem written by Sri Aurobindo, considered one of his most important works. • Statement 2 is incorrect: The Discovery of India was written by Jawaharlal Nehru, not Sri Aurobindo. • Statement 3 is correct: Essays on the Gita is another significant work of Sri Aurobindo where he provides a commentary on the Bhagavad Gita from a spiritual perspective.
71.	B	<ol style="list-style-type: none"> 1. Statement 1 is correct: The idea of a Uniform Civil Code was discussed during the drafting of the Indian Constitution. It was included as a part of the Directive Principles of State Policy under Article 44. 2. Statement 2 is incorrect: While the UCC has not been implemented across India, the state of Goa has a common civil code, known as the Goa Civil Code, which applies to all its citizens regardless of religion. 3. Statement 3 is correct: The UCC is intended to align with principles of equality and non-discrimination, which are consistent with international human rights treaties such as the Universal Declaration of Human Rights (UDHR), to which India is a signatory.
72.	A	<ol style="list-style-type: none"> 1. Statement 1 is correct. The National Pest Surveillance System

		<p>(NPSS) does focus on monitoring pests that affect key food grain crops like wheat, rice, and other essential agricultural products. The aim is to prevent crop losses by timely identifying and controlling pest outbreaks.</p> <p>2. Statement 2 is correct. NPSS operates through a network of field stations that monitor pest populations. This information is then analyzed and disseminated to farmers in real-time, enabling them to take preventive measures to protect their crops.</p> <p>3. Statement 3 is incorrect. While the central government plays a significant role in managing the NPSS, the system also involves state agricultural departments, which help in the on-ground implementation and monitoring of pest-related activities.</p>
73.	B	<p>1. The Aravalli Range is older than the Himalayas: This statement is correct. The Aravalli Range is one of the oldest mountain ranges in the world, significantly older than the Himalayas.</p> <p>2. The Aravalli Range was formed due to the collision between the Indian Plate and the Eurasian Plate: This statement is incorrect. The Aravalli Range was formed long before the Indian Plate collided with the Eurasian Plate, which led to the formation of the Himalayas.</p> <p>3. The Aravalli Range consists primarily of igneous and metamorphic rocks: This statement is correct. The range is composed of ancient igneous and metamorphic rocks.</p> <p>The correct answer is (B) 1 and 3 only.</p>
74.	A	<ul style="list-style-type: none"> • Statement 1 is correct: The Periodic Labour Force Survey

		<p>(PLFS) was indeed launched by the National Statistical Office (NSO) with the objective of providing employment and unemployment data. It provides quarterly estimates of key indicators of the labour market for urban areas, and annual estimates for both urban and rural areas.</p> <ul style="list-style-type: none"> • Statement 2 is correct: PLFS collects data on various labour market indicators, including the Worker Population Ratio (WPR), Labour Force Participation Rate (LFPR), and Unemployment Rate (UR). • Statement 3 is incorrect: The PLFS does not include a time use survey. The Time Use Survey (TUS) is a separate survey conducted by the NSO, designed to gather data on the time spent by individuals on various activities, including economic and non-economic activities.
75.	D	<ol style="list-style-type: none"> 1. Statement 1 is correct: The transition to green tugboat technologies such as electric propulsion or hydrogen fuel cells requires significant upfront investment, which could be a barrier to adoption. 2. Statement 2 is correct: The limited availability of renewable energy infrastructure, including charging stations for electric tugboats or hydrogen refueling stations at ports, poses a challenge to the implementation of the GTTP. 3. Statement 3 is correct: There may be resistance from maritime stakeholders, including operators and port authorities, due to concerns about potential operational disruptions during the transition to new technologies. 4. Statement 4 is correct: Although hydrogen is considered a promising alternative fuel, there are uncertainties regarding its

		long-term sustainability and scalability, which could affect the GTTP's success.
76.	B	<p>b) 2 only</p> <ol style="list-style-type: none"> Statement 1 is incorrect. The Krishi Decision Support System (Krishi DSS) is not solely focused on providing real-time weather updates; it is a broader initiative that integrates various data sources, including weather, soil, and crop information, to support decision-making in agriculture. Statement 2 is correct. Krishi DSS uses geospatial technology to offer location-specific advice to farmers, which helps in making informed decisions based on the specific conditions of their land. Statement 3 is incorrect. Krishi DSS is not limited to crop management; it also includes advisory services related to various aspects of agriculture, including livestock management, irrigation, and other farm-related activities.
77.	D	<ol style="list-style-type: none"> Statement 1 is correct: EOS-08 is indeed an Earth observation satellite developed by ISRO. Its primary focus is on observing the Earth's surface, making it essential for various applications such as resource monitoring, environmental management, and national security. Statement 2 is correct: The satellite carries advanced payloads capable of capturing high-resolution images. These images are useful for a variety of applications including urban planning, rural development, and infrastructure monitoring. Statement 3 is correct: EOS-08 was launched using ISRO's

		Polar Satellite Launch Vehicle (PSLV), which is a reliable and frequently used launch vehicle by ISRO for deploying satellites into space.
78.	B	<p>The correct answer is B) 2 only.</p> <ol style="list-style-type: none"> 1. The term "Global South" does not strictly refer to countries in the southern hemisphere; rather, it refers to countries that are generally less economically developed, which are often located in both the southern and northern hemispheres. 2. The Global South is indeed characterized by lower economic development and higher levels of poverty compared to the Global North. 3. The Global South does not include countries that were formerly part of the Soviet Union. Most of these countries are considered part of the Global North or are transitional economies.
79.	B	<p>Correct Answer: b) 1 and 2 only</p> <p>1) Correct: Zebrafish embryos are transparent, which allows scientists to observe developmental processes in real-time.</p> <p>2) Correct: Zebrafish are widely used in genetic research and can be genetically modified to investigate gene functions and disease models.</p> <p>3) Incorrect: Zebrafish are native to South and Southeast Asia, not specifically the Amazon rainforest.</p>
80.	B	<ol style="list-style-type: none"> 1. Public Accounts Committee (PAC): Correct. The PAC examines the accounts of the Government of India and reports its findings to the Parliament.

		<p>2. Committee on Public Undertakings (COPU): Correct. The COPU is responsible for the examination of the working of all public sector enterprises.</p> <p>3. Estimates Committee: Incorrect. The Estimates Committee is not chaired by the Speaker of the Lok Sabha. It is chaired by a member appointed by the Lok Sabha and its primary function is to examine the estimates of expenditure and suggest how they might be better allocated.</p> <p>The correct answer is B) 1 and 2 only.</p>
<p>81.</p>	<p>C</p>	<p>(1) This statement is correct. GI Tags help in categorizing and classifying spatial data, making it easier to analyse and interpret different types of geographical features.</p> <p>(2) This statement is incorrect. While GI Tags do play a role in metadata management, they also contribute to the spatial analysis and processing of GIS data by providing additional context and classification.</p> <p>(3) This statement is correct. GI Tags add contextual details that improve the understanding and interpretability of geographical features within GIS systems.</p>
<p>82.</p>	<p>B</p>	<p>Answer: (b) 1, 2, and 4 only</p> <p>Statement 1 is correct: FMD can cause significant economic losses</p>

		<p>due to decreased productivity, loss of livestock, and trade restrictions.</p> <p>Statement 2 is correct: The disease spreads mainly through direct contact with infected animals, contaminated equipment, or feed.</p> <p>Statement 3 is incorrect: FMD is caused by a virus, not a bacterium, so it cannot be treated with antibiotics.</p> <p>Statement 4 is correct: Countries with strict biosecurity measures, such as controlling animal movement and monitoring imports, can reduce the risk of FMD outbreaks.</p>
83.	A	<p>Answer: A) 1 and 2 only</p> <p>Statement 1 is correct: Microplastics can originate from primary sources, such as microbeads used in cosmetics, and secondary sources, such as the breakdown of larger plastic items.</p> <p>Statement 2 is correct: A significant portion of microplastic contamination in the human diet is believed to come from seafood, as marine organisms can ingest these particles.</p> <p>Statement 3 is incorrect: Microplastics are not biodegradable; they persist in the environment for long periods, breaking down into even smaller particles rather than decomposing.</p>
84.	B	<p>Answer: (b) 2 and 3 only</p> <p>Statement 1: This statement is incorrect. While India exports petroleum products to Malaysia, they are not the primary export. Other</p>

		<p>major exports include machinery, chemicals, and food products.</p> <p>Statement 2: This statement is correct. Malaysia is a member of RCEP, a regional trade agreement, while India chose not to join RCEP after the negotiations.</p> <p>Statement 3: This statement is correct. India and Malaysia benefit from an FTA under the ASEAN-India Framework Agreement, which has facilitated trade between the two nations.</p>
85.	A	<p>(a) 1 and 2 only</p> <p>Statement 1 is correct: Suo Motu is a Latin term meaning "on its own motion." It refers to the power of the judiciary to initiate legal proceedings or actions on its own, without any formal complaint or petition being filed by an individual or party.</p> <p>Statement 2 is correct: The judiciary often exercises Suo Motu powers in cases involving public interest, violations of fundamental rights, or situations that demand urgent attention and intervention by the courts.</p> <p>Statement 3 is incorrect: While Suo Motu powers are exercised by the judiciary, they are not explicitly mentioned in the Indian Constitution. The power is derived from the inherent authority of the courts to ensure justice and protect rights, but it is not directly codified in any specific article, including Article 32, which deals with the right to constitutional remedies.</p>

86.	A	<p>The correct answer is a) 1 and 2 only.</p> <p>Correct: The All India Congress Committee (AICC) session, where the Quit India Resolution was passed, was indeed held in Bombay (now Mumbai) in August 1942.</p> <p>Correct: Mahatma Gandhi and other Congress leaders were imprisoned in the Aga Khan Palace in Pune as a result of their participation in the Quit India Movement.</p> <p>Incorrect: The White Paper on Indian constitutional reforms were issued by the British government in 1933, not during the Quit India Movement.</p>
87.	D	<p>Answer: (d) 1, 2, 3, and 4</p> <p>Statement 1: Development of Sewage Treatment Plants (STPs) is a key focus to reduce the pollution load entering the Ganga.</p> <p>Statement 2: Afforestation along the riverbanks helps in maintaining the ecological health of the river.</p> <p>Statement 3: Promotion of Ganga Grams aims to make villages along the Ganga open defecation-free and clean.</p> <p>Statement 4: Establishment of industrial effluent monitoring systems ensures that industries do not discharge untreated waste into the river.</p>

<p>88.</p>	<p>B</p>	<p>Answer: (b) 1, 2, and 3 only</p> <p>Statement 1: This has been the central concern of the Supreme Court, leading to its initial ban on the sport in 2014.</p> <p>Statement 2): The cultural significance of Jallikattu was a major factor in the public and political backlash against the ban, leading to the enactment of new legislation.</p> <p>Statement 3: The court also considers the safety of both participants and spectators, as Jallikattu can be dangerous.</p> <p>Statement 4: While important, economic impact was not a primary concern in the Supreme Court's decisions regarding Jallikattu.</p>
<p>89.</p>	<p>B</p>	<p>Answer: B) 1, 2, and 3 only</p> <p>Regular blood transfusions are a standard treatment to manage anemia in thalassemia patients (Statement 1).</p> <p>Iron chelation therapy is necessary to prevent iron overload due to frequent blood transfusions (Statement 2).</p> <p>Bone marrow transplant is a potential cure for thalassemia, especially in severe cases (Statement 3).</p> <p>Insulin therapy (Statement 4) is not used in the treatment of thalassemia; it is associated with diabetes management.</p>
<p>90.</p>	<p>B</p>	<p>Correct Answer: b) 1 and 3 only</p>

		<p>Statement 1 is correct: The States Reorganization Act of 1956 led to the reorganization of states based primarily on linguistic lines.</p> <p>Statement 2 is incorrect: The state of Gujarat was created in 1960, not 1956, from the bilingual Bombay State, separating the Marathi-speaking and Gujarati-speaking regions.</p> <p>Statement 3 is correct: Andhra Pradesh was created in 1953 as a Telugu-speaking state from the Telugu-speaking parts of the Madras State, making Telugu its official language.</p>
<p>91.</p>	<p>A</p>	<p>Correct Answer: A) 1 and 3 only</p> <p>Statement 1: True. Sepahijala Wildlife Sanctuary is indeed known for its Clouded Leopard population.</p> <p>Statement 2: False. Tripura is primarily covered by tropical and subtropical forests, not predominantly tropical evergreen forests.</p> <p>Statement 3: True. Rudrasagar Lake is a designated Ramsar site due to its ecological significance.</p>
<p>92.</p>	<p>C</p>	<p>Answer: C) 1, 2, and 4 only</p> <ol style="list-style-type: none"> 1. BRICS (Brazil, Russia, India, China, South Africa) is indeed an international organization that aims to promote peace, security, and development in the member countries and globally. 2. The BRICS summit is held annually, and the hosting of the summit rotates among the member countries. 3. BRICS focuses on economic cooperation, development, and

		<p>political dialogue rather than military cooperation and defense strategies. Thus, statement 3 is incorrect.</p> <p>4. The grouping was originally known as "BRIC" before South Africa joined in 2010, changing the name to "BRICS."</p>
93.	A	<ol style="list-style-type: none"> 1. The Consumer Price Index (CPI) measures inflation at the retail level, reflecting changes in the price level of a basket of consumer goods and services. 2. The Wholesale Price Index (WPI) measures the average change over time in the selling prices received by domestic producers for their output. 3. The CPI includes both food and non-food items, while the WPI covers a broader range including raw materials and intermediate goods, not just food items. 4. The Reserve Bank of India (RBI) primarily uses the CPI (specifically the CPI for Industrial Workers or the CPI-Urban) for setting monetary policy targets, not the WPI.
94.	B	<ol style="list-style-type: none"> 1. The Gaganyaan mission is indeed India's first human spaceflight program developed by ISRO. 2. The initial crewed mission is planned to have a duration of approximately 7 days, not 30 days. 3. The Gaganyaan spacecraft will be launched aboard the GSLV Mk III rocket, also known as the LVM-3. 4. The mission does not include a spacewalk; its primary objectives are to demonstrate human spaceflight capabilities and ensure astronaut safety in space.

95.	D	<p>Answer: D. 1, 2, and 3 only</p> <p>Explanation:</p> <ol style="list-style-type: none">1. The Samundrayan mission is indeed an Indian underwater exploration project aimed at deep-sea exploration.2. The mission focuses on developing technology for exploring the deep ocean and its resources, including mineral resources and marine biodiversity.3. The mission is led by the Ministry of Earth Sciences with technological support from organizations such as the National Institute of Ocean Technology (NIOT), not ISRO.
96.	A	<ol style="list-style-type: none">1. Prorogation refers to the end of a session of Parliament by the President, while adjournment sine die refers to the termination of a sitting or session without a specified date for resumption.2. Prorogation is done by the President of India, while adjournment sine die is typically declared by the Speaker of the Lok Sabha or the Chairman of the Rajya Sabha.3. Prorogation does not lead to the dissolution of the Lok Sabha; it merely ends a session. The dissolution of the Lok Sabha occurs separately, usually at the end of its term or earlier if dissolved by the President. Adjournment sine die does not affect the dissolution of the Lok Sabha.
97.	A	<ol style="list-style-type: none">1. Statement 1: Correct. The Production Linked Subsidy (PLI) Scheme is designed to incentivize domestic manufacturing across various sectors by providing subsidies based on the level of production achieved. This aims to boost local manufacturing and improve the competitiveness of domestic industries.

		<p>2. Statement 2: Incorrect. The PLI Scheme is not limited to the pharmaceutical sector. It covers multiple sectors including electronics, textiles, automotive, pharmaceuticals, and more. Each sector has its specific PLI scheme designed to enhance production in that field.</p> <p>3. Statement 3: Correct. One of the primary objectives of the PLI Scheme is to boost employment by increasing manufacturing activities, as well as to reduce import dependency by encouraging domestic production of goods</p>
<p>98.</p>	<p>B</p>	<p>Answer: B) 2 and 3 only</p> <p>1. Statement 1: Incorrect. The CBI is not a statutory body established by an Act of Parliament. It was established by a resolution of the Government of India in 1963. It operates as a central agency but does not have a specific act of Parliament conferring its establishment, unlike bodies like the Reserve Bank of India or the Securities and Exchange Board of India.</p> <p>2. Statement 2: Correct. The CBI operates under the jurisdiction of the Ministry of Home Affairs (MHA). Although the agency is involved in investigating a wide range of cases, its administrative oversight is managed by the MHA.</p> <p>3. Statement 3: Correct. The CBI is primarily responsible for investigating cases related to corruption, economic crimes, and other high-profile cases. It handles complex investigations involving major financial crimes, including corruption cases against public officials.</p>
<p>99.</p>	<p>B</p>	<p>Answer: B) 1 and 3 only</p>

		<p>Explanation:</p> <ol style="list-style-type: none"> Statement 1: Correct. The Governor of a State is appointed by the President of India and serves at the pleasure of the President. This means the Governor holds office as long as the President retains confidence in them. Statement 2: Incorrect. While the Governor does have the power to dissolve the State Legislative Assembly, this action is generally taken on the advice of the Chief Minister. However, the Governor can exercise discretion in this matter in certain exceptional situations, such as when no clear majority exists or when constitutional machinery has broken down. Statement 3: Correct. The Governor can withhold assent to a bill and return it to the State Legislature with a request for reconsideration. This power is used when the Governor believes that the bill requires further review or revision. Additionally, the Governor can reserve the bill for the President's consideration if it involves national importance or affects the relations between the Centre and the State.
<p>100 .</p>	<p>D</p>	<p>Answer: D) 1 only</p> <p>Explanation:</p> <ol style="list-style-type: none"> Statement 1: Correct. Earthquakes are indeed primarily caused by the movement of tectonic plates. The Earth's crust is divided into several tectonic plates, and the interactions between these plates (such as collisions, sliding past each other, or pulling apart) often lead to seismic activity. Statement 2: Incorrect. The Richter scale measures the magnitude of an earthquake, which reflects the energy released

		<p>at the source of the earthquake. The intensity of the earthquake's impact on structures and people is measured by the Modified Mercalli Intensity (MMI) scale, not the Richter scale.</p> <p>3. Statement 3: Incorrect. The focus (or hypocenter) of an earthquake is the point within the Earth where the earthquake originates. The point on the Earth's surface directly above the focus is called the epicenter.</p>
101	C	<p>Answer: C) 1 and 3 only</p> <p>Explanation:</p> <ol style="list-style-type: none"> Statement 1: Correct. P-waves (Primary waves) are indeed the fastest seismic waves. They can travel through both solids and liquids, which is why they are the first to be detected by seismographs. Statement 2: Incorrect. S-waves (Secondary waves) can only travel through solids and not through liquids. S-waves are slower than P-waves but are faster than surface waves. Statement 3: Correct. Surface waves travel along the Earth's surface and are generally responsible for the most damage during an earthquake due to their larger amplitude and longer duration compared to P-waves and S-waves.
102	A	<p>the correct answer is: A. Only 1</p> <ol style="list-style-type: none"> Statement 1: One of the core objectives of the PM Gati Shakti Scheme is to enhance efficiency by enabling real-time data sharing among various government departments and agencies

		<p>involved in infrastructure development. This helps in better coordination and reduces delays.</p> <p>2. Statement 2: The scheme does not focus on providing direct financial incentives to state governments to reduce project costs. Instead, it aims at improving project planning and execution through better coordination and data sharing.</p> <p>3. Statement 3: The scheme is not intended to support only private sector-led development with exclusive contracts and subsidies. It is a comprehensive plan to integrate various sectors of infrastructure development across both public and private sectors.</p>
<p>103</p> <p>.</p>	<p>B</p>	<p>Correct Answer: b) 1, 3, and 4 only</p> <p>1. Correct - The RCS-UDAN scheme is indeed designed to make air travel more affordable for the common man. It does this by providing financial support to airlines, which helps in lowering ticket prices.</p> <p>2. Incorrect - The RCS-UDAN scheme is specifically aimed at enhancing connectivity to underserved and remote areas, not just metropolitan cities. It includes airports in smaller towns and remote regions to improve regional air connectivity.</p> <p>3. Correct - The scheme includes provisions for the development of infrastructure at underserved airports. This is crucial for improving connectivity in remote and underserved regions.</p> <p>4. Correct - The RCS-UDAN scheme is administered by the Ministry of Civil Aviation in India, which is responsible for its implementation and oversight.</p>

104 .	A	<p>Correct Answer: a) 1 and 2 only</p> <ol style="list-style-type: none"> Correct - The ESI scheme is indeed administered by the Employees' State Insurance Corporation (ESIC), which operates under the Ministry of Labour and Employment. Correct - The ESI scheme provides a range of benefits, including medical care, maternity benefits, and insurance benefits for workers in cases of sickness, injury, or disability. Incorrect - The ESI scheme is not mandatory for all establishments with more than 10 employees. The applicability of the scheme depends on the specific state regulations and the nature of the establishment. For many states, the threshold is 20 employees, and certain types of establishments are exempt. Incorrect - Contributions to the ESI scheme are not shared equally between employers and employees. Typically, the employer contributes a higher percentage of the wages towards the ESI fund compared to the employee's contribution.
105 .	B	<p>Correct Answer: b) 1 and 3 only</p> <ol style="list-style-type: none"> Correct - The Lakhpati Didi Scheme primarily targets women in rural areas who possess traditional skills and have the potential to engage in entrepreneurial activities. The focus is on leveraging these existing skills to boost economic independence. Incorrect - The scheme does not typically provide direct financial aid specifically as subsidies for raw materials. Instead, it often includes training and other support measures to help women effectively use their skills. Correct - The Lakhpati Didi Scheme includes components for providing micro-credit and entrepreneurial training. These

		<p>elements are designed to help women start and sustain their own businesses by providing both financial and skill-based support.</p> <p>4. Incorrect - The Lakhpati Didi Scheme is a state-specific initiative and is not implemented across all states in India. It is tailored and executed by individual state governments according to local needs and priorities.</p>
<p>106</p> <p>.</p>		<p>Correct Answer: b) 1, 2, and 3 only</p> <ol style="list-style-type: none"> Correct - ISRO was indeed established in 1969 with the primary aim of harnessing space technology for various aspects of national development, including communication, Earth observation, and scientific research. Correct - ISRO is responsible for the Mars Orbiter Mission (Mangalyaan), which was launched in 2013. This mission was India's first interplanetary mission, and it successfully entered Mars' orbit in 2014. Correct - The GSLV Mk III, also known as the LVM-3, is a major satellite launch vehicle used by ISRO for launching heavier payloads, including communication satellites into geostationary orbits. Incorrect - The Chandrayaan-2 mission, launched in 2019, did not successfully land on the lunar surface. While the orbiter was successful and continues to provide valuable data, the lander (Vikram) lost communication during its descent and did not achieve a soft landing.

107 .	A	<p>Correct Answer: (a) 1 and 2 only</p> <p>Statement 1: Correct. FSSAI is indeed an autonomous body under the Ministry of Health & Family Welfare.</p> <p>Statement 2: Correct. FSSAI is responsible for laying down standards and regulations for food safety in India.</p> <p>Statement 3: Incorrect. The FSSAI was established by the Food Safety and Standards Act, 2006, not in 2011.</p> <p>Statement 4: Incorrect. The Chairperson of FSSAI is appointed by the Central Government, not the President of India.</p>
108 .	A	<p>Correct Answer: A. 1 and 3 only</p> <p>Statement 1 is correct. The PM-WANI scheme was launched to improve wireless internet connectivity across the country. It allows small entrepreneurs to set up Public Data Offices (PDOs) to provide Wi-Fi services without the need for a license, making it easier to spread internet access, especially in underserved areas.</p> <p>Statement 2 is incorrect. While PDOs and PDO Aggregators (PDOAs) must register with the Department of Telecommunications, there is no registration fee. This is to encourage more entities to join the scheme and expand internet access.</p> <p>Statement 3 is correct. The scheme aims to enhance digital connectivity, bridge the digital divide, and boost economic activities by</p>

		providing affordable and widespread internet access in both rural and urban areas.
109 .	B	<p>Answer: (b) 2 only</p> <p>Statement 1 is incorrect: Pradhan Mantri Van Dhan Yojana is not specifically targeted at PVTGs but at all tribal communities. The scheme focuses on value addition to minor forest produce, not direct financial assistance to PVTGs.</p> <p>Statement 2 is correct: The Scheme for Development of PVTGs is indeed a Central Sector Scheme implemented by the Ministry of Tribal Affairs. It aims to ensure the comprehensive socio-economic development of PVTGs.</p>
110 .	A	<p>Correct Answer: (a) 1 and 2 only</p> <p>Statement 1 is correct: The Pesticides Management Bill, 2020, proposes the establishment of a central fund to be used to compensate victims of pesticide poisoning or other adverse effects caused by the use of pesticides.</p> <p>Statement 2 is correct: One of the primary objectives of the Bill is to ensure that only safe and effective pesticides are available in the market by strengthening the process of pesticide registration and regulation.</p> <p>Statement 3 is incorrect: The Bill does not specifically promote the use of organic or natural pesticides over synthetic ones. It focuses on</p>

		regulating all types of pesticides to ensure safety and efficacy.
111 .	A	<p>Statement 1 is correct because the scheme aims to provide a minimum guaranteed pension to all participants, ensuring a basic level of post-retirement income.</p> <p>Statement 2 is correct as contributions to the Unified Pension Scheme are typically tax-deductible under Section 80C, similar to other pension schemes.</p> <p>Statement 3 is incorrect. While auto-enrollment might be encouraged or implemented in certain sectors, it is not a universal feature for all formal sector workers.</p>
112 .	B	<p>Correct Answer: (b) 2 only</p> <p>Statement 1 is incorrect. The 'Ponung' dance is a traditional dance of the Adi tribe, but it is not a war dance; it is performed during festivals and is accompanied by folk songs.</p> <p>Statement 2 is correct. The Adi tribe primarily speaks Tani languages, which are part of the Sino-Tibetan language family.</p> <p>Statement 3 is incorrect. The 'Idu Mishmi' refers to the Idu Mishmi tribe and not the Adi tribe. The Adi tribe has its own traditional attire distinct from the Idu Mishmi.</p>
113 .	D	Correct Option: (d) 1, 2, and 3

		<p>Statement 1: Correct. The Siang River flows through a deep gorge in the Eastern Himalayas, making the region geographically significant and challenging for transportation and construction.</p> <p>Statement 2: Correct. After flowing through Arunachal Pradesh, the Siang River joins the Lohit and Dibang rivers in Assam, forming the Brahmaputra River, which is one of the major rivers of India.</p> <p>Statement 3: Correct. The Siang River basin is known for its rich biodiversity, including several endemic species of flora and fauna, making it an ecologically sensitive area.</p>
<p>114 .</p>	<p>A</p>	<p>Answer: (a) 1 only</p> <p>Statement 1 is correct: The Net Zero by 2050 target is consistent with the goal of keeping global warming below 2°C, and ideally below 1.5°C, to avoid the worst impacts of climate change.</p> <p>Statement 2 is incorrect: While many developed countries have set 2050 as their target year for achieving Net Zero, developing countries have different timelines, often later than 2050, reflecting their different responsibilities and capabilities.</p> <p>Statement 3 is incorrect: The Paris Agreement set the broader goal of limiting global warming but did not establish a specific Net Zero by 2050 target. The Net Zero by 2050 target has been endorsed by many countries and organizations after the Paris Agreement.</p>
<p>115 .</p>		<p>Correct Answer: B) 2 and 3</p>

		<p>Statement 1: This statement is incorrect. Red Sanders is not primarily found in the Western Ghats but rather in the Eastern Ghats of India. Its natural habitat includes the semi-arid regions of Andhra Pradesh, Tamil Nadu, and parts of Karnataka.</p> <p>Statement 2: This statement is correct. Red Sanders is valued for its rich red wood, which is used in traditional Indian crafts, furniture making, and even in some religious artifacts.</p> <p>Statement 3: This statement is correct. Red Sanders is indeed listed as "Critically Endangered" by the International Union for Conservation of Nature (IUCN) due to over-exploitation, habitat loss, and illegal trade.</p> <p>Statement 4: This statement is incorrect. Although Red Sanders shares a similarity in name with sandalwood, they are different species. Sandalwood (<i>Santalum album</i>) is known for its fragrant heartwood, while Red Sanders is valued for its color and is used differently.</p>
<p>116 .</p>	<p>A</p>	<p>Answer: a) 1 and 2 only</p> <p>Statement 1: This is correct. The Seshachalam Hills are part of the Eastern Ghats range, located in the southern part of India, primarily in the state of Andhra Pradesh.</p> <p>Statement 2: This is also correct. The Seshachalam Hills are renowned for their rich biodiversity, including several endangered species, and dense forest cover, which contributes to their ecological</p>

		<p>significance.</p> <p>Statement 3: This statement is partially incorrect. While the Seshachalam Hills are indeed covered by forests, they are not predominantly covered by deciduous forests; they are more characterized by semi-evergreen and moist deciduous forests. Additionally, the significant river systems originating from the region are not a major feature of this area.</p>
117	B	<p>Correct Answer: B) 1, 3, and 4</p> <ol style="list-style-type: none"> 1. One of the objectives of the Green Hydrogen Mission is to reduce dependence on imported fossil fuels by promoting domestic green hydrogen production. 2. The target is not specifically to increase hydrogen's share to 20% by 2030; rather, the mission aims to create a robust green hydrogen economy and achieve significant advancements in the sector. 3. The mission includes promoting research and development in hydrogen technologies to advance production and storage methods. 4. Reducing the cost of green hydrogen to make it more competitive with conventional fuels is a key objective of the mission, aiming to make it a viable alternative in the energy market.
118	B	<p>The correct answer is B. 2 and 3 only.</p> <p>Statement 1 is incorrect. The deal did not allow India to export nuclear technology to other countries; it primarily focused on the</p>

		<p>exchange of civilian nuclear technology between India and the US.</p> <p>Statement 2 is correct. The deal allowed India to gain civilian nuclear cooperation with the US and access to nuclear technology and fuel, while India was not required to sign the Non-Proliferation Treaty (NPT). This also influenced India's relationship with the Nuclear Suppliers Group (NSG), although it did not grant immediate membership.</p> <p>Statement 3 is correct. The deal facilitated the construction of nuclear power plants in India by American companies using American technology.</p> <p>Statement 4 is incorrect. The deal did not result in the dismantling of India's nuclear weapons program; it was focused on civilian nuclear cooperation.</p>
<p>119</p>	<p>A</p>	<p>The correct answer is A) 1 and 2 only.</p> <p>Statement 1: Correct. The Drugs and Cosmetics Act, 1940, regulates the import, manufacture, distribution, and sale of drugs and cosmetics in India.</p> <p>Statement 2: Correct. The National Pharmaceutical Pricing Authority (NPPA) is indeed responsible for setting the maximum retail prices of drugs.</p> <p>Statement 3: Incorrect. The Central Drugs Standard Control Organization (CDSCO) is responsible for both pharmaceuticals and medical devices regulation.</p>

120 .	A	<p>Correct Answer: (a) 1 and 2 only</p> <p>Statement 1: Correct. SIMBEX started in 1994 as a bilateral naval exercise between India and Singapore, focusing on anti-submarine warfare, and has since evolved into a complex maritime exercise.</p> <p>Statement 2: Correct. Over the years, SIMBEX has expanded to include various complex maritime warfare scenarios such as air defense, anti-submarine warfare, and surface warfare.</p> <p>Statement 3: Incorrect. SIMBEX is not confined to the waters of the Andaman Sea. It has been conducted in various locations, including the South China Sea and the Indian Ocean.</p>
121 .	B	<p>Correct Answer: b) 1, 2, and 4 only</p> <p>Statement 1: Correct. INS Mumbai is indeed a guided-missile destroyer of the Indian Navy.</p> <p>Statement 2: Correct. INS Mumbai was built by the Mazagon Dock Shipbuilders Limited, which is a premier shipyard in India, located in Mumbai.</p> <p>Statement 3: Incorrect. While INS Mumbai is capable of anti-submarine warfare, it is primarily designed for multi-role operations, including anti-aircraft and anti-surface warfare, not just anti-submarine warfare.</p> <p>Statement 4: Correct. INS Mumbai is part of the Western Naval Command, which is headquartered in Mumbai.</p>

122 .	A	<p>Correct Answer: A) 1 and 3 only</p> <p>Statement 1: This statement is correct. Thiksey Monastery is indeed known for its architectural similarity to the Potala Palace.</p> <p>Statement 2: This statement is incorrect. The Hemis Monastery is known for its annual Hemis Festival, which celebrates Guru Padmasambhava, not Guru Nanak.</p> <p>Statement 3: This statement is correct. Magnetic Hill is known for the optical illusion where a slight downhill slope appears to be an uphill slope due to its magnetic properties.</p>
123 .	B	<p>Correct Answer: (b) 2 and 3 only</p> <p>Statement 1 is incorrect: Public grievances can be filed against both Central and State Government agencies, as well as various public authorities.</p> <p>Statement 2 is correct: CPGRAMS is indeed an online platform that allows citizens to lodge grievances against government departments and agencies.</p> <p>Statement 3 is correct: The Department of Administrative Reforms and Public Grievances (DARPG) serves as the nodal agency for the grievance redressal mechanism in India.</p>
124 .	A	<p>Statement 1: This statement is correct. VDPV can indeed originate from the OPV and circulate in communities with low vaccination coverage, leading to potential outbreaks.</p>

		<p>Statement 2: This statement is incorrect. While VDPV is less common than Wild Poliovirus, it can still cause polio, particularly in unvaccinated or under-vaccinated populations. It is not considered less dangerous; in fact, it can cause outbreaks in areas with low immunization rates.</p> <p>Statement 3: This statement is incorrect. VDPV typically causes outbreaks in populations with low vaccination coverage. High vaccination coverage usually prevents the spread of VDPV, as the population's immunity reduces the chance of mutation and transmission.</p> <p>Correct Answer: A) 1 only</p>
<p>125</p>	<p>B</p>	<p>The correct answer is: B) 1, 2, and 3 only</p> <ul style="list-style-type: none"> • Deep Brain Stimulation (DBS): Correct. DBS is a surgical treatment involving the implantation of a device that sends electrical impulses to specific parts of the brain, helping to reduce symptoms of Parkinson's Disease. • Levodopa (L-Dopa) therapy: Correct. Levodopa is a common medication that is converted into dopamine in the brain, helping to alleviate symptoms of Parkinson's Disease. • Physical therapy and exercise: Correct. Physical therapy and exercise are crucial for managing symptoms and improving mobility and overall function in Parkinson's Disease patients. • Gene therapy: Incorrect. While gene therapy is an area of research, it is not yet a standard or widely used therapeutic approach for Parkinson's Disease.

126 .	B	<p>Correct Answer: B. Only statements 1 and 3 are correct</p> <p>Statement 1: Guru Padmasambhava is indeed credited with bringing Buddhism to Tibet in the 8th century. He played a crucial role in establishing and spreading Tibetan Buddhism and is venerated as a key figure in this regard.</p> <p>Statement 2: The "Praises to the Twenty-One Taras" is a text associated with the practice of Tara in Tibetan Buddhism, but it is not directly composed by Guru Padmasambhava. Instead, it is traditionally attributed to the Indian sage Atisha and is more central to the Gelug school of Tibetan Buddhism.</p> <p>Statement 3: Guru Padmasambhava is indeed associated with the Nyingma school of Tibetan Buddhism. The Nyingma school is known as the "Ancient School" and is the oldest of the four major schools of Tibetan Buddhism.</p>
127 .	B	<p>Correct Answer: B) 1 and 3 only</p> <p>Statement 1: The G20 was indeed established in 1999 as a forum for Finance Ministers and Central Bank Governors. It was elevated to a Leaders' Summit in 2008 in response to the global financial crisis. This statement is correct.</p> <p>Statement 2: The European Union is represented in the G20 as a single entity, not as an individual member along with its member states. The G20 includes 19 individual countries plus the EU. This</p>

		<p>statement is incorrect.</p> <p>Statement 3: The G20's main objectives include promoting international financial stability, fostering sustainable development, and enhancing global economic governance. This statement is correct.</p> <p>Statement 4: The G20 does not have a permanent secretariat. It operates on a rotating presidency system, and the presidency changes annually among its member countries. This statement is incorrect.</p>
128	A	<p>The correct answer is: A) 1 and 2 only</p> <p>Statement 1: True. The ANUBHAV Awards do aim to recognize the contributions of retired officials who have served in various central government ministries and departments.</p> <p>Statement 2: True. The ANUBHAV Awards also aim to encourage retired officials to share their post-retirement experiences and contributions towards public service. This helps in documenting their knowledge and experience for the benefit of current and future public servants.</p> <p>Statement 3: False. The selection process for the ANUBHAV Awards is managed within the government sector, typically involving a committee of senior officials from the central government. There is no requirement for the panel of judges to be from outside the government sector.</p>
129	B	<p>Correct Answer: B) 2 and 3 only</p> <ul style="list-style-type: none"> • The Bodhisattva Ideal is indeed a significant aspect of

		<p>Mahayana Buddhism, where a Bodhisattva is an enlightened being who postpones Nirvana to assist all sentient beings in achieving enlightenment. However, this ideal is more specific to Mahayana Buddhism rather than the early teachings of Gautama Buddha, which focused more on the personal attainment of Nirvana. This statement is correct within the context of Mahayana Buddhism but may not reflect the early Buddhist teachings directly.</p> <ul style="list-style-type: none"> • The Jataka Tales are stories about the previous lives of the Buddha, illustrating the practice of virtues and moral lessons. They are an important part of Buddhist literature and reflect the Buddha's path to enlightenment through various incarnations. This statement is correct. • The Abhidhamma Pitaka deals with the philosophical and doctrinal aspects of Buddhism and is indeed considered the most recent of the three baskets of the Tripitaka. It elaborates on the teachings found in the Sutta Pitaka and Vinaya Pitaka with a focus on analytical and systematic approaches. This statement is correct.
<p>130</p>	<p>C</p>	<p>Correct Answer: C) 1, 2, and 3 only</p> <p>Statement 1: Correct. PMJDY provides an overdraft facility to account holders after six months of satisfactory operation of their account, with a maximum limit of ₹10,000.</p> <p>Statement 2: Correct. Account holders under the PMJDY are provided with a RuPay debit card, which is a domestic card scheme developed by the National Payments Corporation of India (NPCI).</p>

		<p>Statement 3: Correct. Accounts opened under the PMJDY earn interest on the balance, similar to other savings accounts in banks.</p> <p>Statement 4: Incorrect. The PMJDY is aimed at providing banking services to every household, but it is not restricted to those without a bank account. Individuals who already have a bank account can still open a PMJDY account.</p>
131	A	<p>Answer: A. 1 and 2 only</p> <p>Statement 1 is correct: The "Vocal for Local" initiative encourages the use of locally produced goods, aiming to boost domestic industries and reduce reliance on imports. It supports the idea of self-sufficiency by promoting Indian-made products.</p> <p>Statement 2 is correct: The "Vocal for Local" initiative is indeed a part of the "Atmanirbhar Bharat" campaign, which is the broader strategy to make India self-reliant in various sectors, including manufacturing, technology, and services.</p> <p>Statement 3 is incorrect: The "Vocal for Local" initiative does not exclusively focus on the agricultural sector. It is a comprehensive effort that includes various sectors such as manufacturing, textiles, handicrafts, and more, aiming to promote all types of Indian products.</p>
132	C	<p>Correct Answer: C) 1, 3, and 4 only</p> <p>Statement 1 is correct: The POSH Act mandates the formation of an Internal Complaints Committee (ICC) at all workplaces with 10 or more</p>

		<p>employees to address complaints of sexual harassment.</p> <p>Statement 2 is incorrect: The POSH Act primarily focuses on the protection of women from sexual harassment at the workplace. However, there have been discussions and interpretations around the inclusion of male employees in certain cases, especially in different organizational policies, but the Act itself is aimed at women.</p> <p>Statement 3 is correct: The ICC is required to complete the inquiry within 90 days of receiving the complaint.</p> <p>Statement 4 is correct: If an employer does not comply with the provisions of the POSH Act, they can be fined. Repeated non-compliance may lead to the cancellation of the business license or registration.</p>
<p>133</p>	<p>B</p>	<p>Correct Answer: B) 1 and 2 only</p> <p>Statement 1: Correct. The Agriculture Infrastructure Fund (AIF) was indeed launched by the Government of India to support the creation of infrastructure in the agricultural sector, including cold storage, processing units, and more.</p> <p>Statement 2: Correct. The Fund primarily provides loans at subsidized interest rates to various entities, including individual farmers, FPOs, and cooperatives. It is aimed at improving agricultural infrastructure, productivity, and farmer incomes.</p> <p>Statement 3: Incorrect. The Agriculture Infrastructure Fund supports not only individual farmers but also cooperative societies and Farmer</p>

		<p>Producer Organizations (FPOs). It is designed to benefit a broad range of stakeholders involved in agriculture.</p>
134	B	<p>Correct Answer: (b) 1 and 3 only</p> <p>Statement 1 is correct. Cholera is caused by the bacterium <i>Vibrio cholerae</i>, which primarily affects the small intestine, leading to severe diarrhea and dehydration.</p> <p>Statement 2 is incorrect. The primary mode of transmission for Cholera is through the ingestion of contaminated water or food, not direct contact with an infected person.</p> <p>Statement 3 is correct. Cholera can be effectively treated with oral rehydration solutions (ORS) to prevent dehydration, and in severe cases, antibiotics may be used to reduce the duration of the illness.</p>
135	B	<p>Correct answer: (b) 2 and 4 only</p> <p>Statement 1: Incorrect. Rheumatoid arthritis is more common in women than in men.</p> <p>Statement 2: Correct. RA primarily affects the small joints, such as those in the hands and feet.</p> <p>Statement 3: Incorrect. RA is not caused by wear and tear of cartilage (which is characteristic of osteoarthritis). RA is an autoimmune condition where the immune system attacks the joints.</p>

		<p>Statement 4: Correct. Joint stiffness, particularly in the morning or after periods of inactivity, is a common symptom of RA.</p>
136	B	<p>The correct answer is (b)</p> <p>Option (a) is incorrect. The She-Box portal does not replace the ICC; it works in conjunction with it.</p> <p>Option (b) is correct. The She-Box portal acts as a supplementary mechanism, enabling the reporting and tracking of complaints alongside existing systems like the ICC.</p> <p>Option (c) is incorrect. The portal does not independently handle cases but forwards them to the relevant committees.</p> <p>Option (d) is incorrect. The She-Box portal does not provide mandatory training programs; it focuses on complaint redressal.</p>
137	D	<p>Answer: (d) All of the above</p> <p>Option 1: Simplifying GST would make tax compliance easier for businesses, thereby improving the ease of doing business.</p> <p>Option 2: "Make in India 2.0" can enhance India's manufacturing capabilities and boost exports, making India a global manufacturing hub.</p> <p>Option 3: Labour law reforms are crucial for creating a more flexible labor market that can adapt to changing economic conditions,</p>

		<p>attracting more investment.</p> <p>Option 4: Strengthening trade agreements would open up new markets for Indian products, increasing exports and economic growth.</p>
138	B	<ol style="list-style-type: none"> 1. False: While the Fit India Movement encourages the creation of fitness awareness and activities, it does not specifically mandate the establishment of fitness clubs and community centers. 2. True: The movement has promoted the incorporation of physical fitness activities into school curricula, although the implementation may vary by state. 3. True: The Fit India Movement aligns with the government's broader health initiatives, including the National Health Mission and the Ayushman Bharat scheme, aiming to integrate fitness and wellness into overall health policy.
139	C	<p>Correct Answer: C) 1, 2, and 3 only</p> <ul style="list-style-type: none"> • INS Arighat is a nuclear-powered submarine: Correct. INS Arighat is a nuclear-powered submarine, which means it uses nuclear reactors for propulsion and can remain submerged for extended periods without needing to surface frequently. • INS Arighat is part of the Arihant-class of submarines: Correct. INS Arighat is indeed part of the Arihant-class of submarines, which are India's indigenous nuclear submarines designed for strategic deterrence. • INS Arighat is equipped with ballistic missiles capable of carrying nuclear warheads: Correct. Like other submarines in the Arihant-class, INS Arighat is equipped with ballistic missiles

		<p>capable of carrying nuclear warheads, providing India with a second-strike capability in its nuclear deterrence strategy.</p> <ul style="list-style-type: none"> • INS Arighat was built in the United States and is leased to the Indian Navy: Incorrect. INS Arighat was built indigenously by India and is not leased from the United States or any other country.
140	B	<p>Statement 1 is correct. The SCO was initially formed as the "Shanghai Five" in 1996, comprising China, Russia, Kazakhstan, Kyrgyzstan, and Tajikistan. It was renamed the Shanghai Cooperation Organisation in 2001 when it expanded to include Uzbekistan.</p> <p>Statement 2 is incorrect. India and Pakistan were not founding members of the SCO. They joined the organization as full members in 2017.</p> <p>Statement 3 is incorrect. The SCO, while having a strong focus on security and counter-terrorism, also engages in economic, cultural, and other forms of cooperation among its member states.</p> <p>Statement 4 is correct. The annual SCO Summit is hosted by the member country that holds the rotating presidency of the organization.</p>
141	D	<p>Correct Option: (d) 1, 2, and 3</p> <p>Statement 1 is correct. Vadhvan Port is planned as a greenfield port, meaning it is being constructed on land where no previous port infrastructure existed.</p>

		<p>Statement 2 is correct. The port's location on the western coast of India near Palghar is strategic, providing access to key international shipping routes, which is crucial for enhancing India's trade with regions like West Asia, Europe, and Africa.</p> <p>Statement 3 is correct. The project has indeed faced opposition from environmental groups and local communities due to concerns over the potential impact on the region's marine ecosystem, including the livelihoods of local fishermen.</p>
142	A	<p>Answer: (a) 1 and 2 only</p> <p>Statement 1 is correct. Swachh Bharat Mission (Gramin) focuses on rural areas and aims to eliminate open defecation and improve waste management, particularly solid and liquid waste.</p> <p>Statement 2 is correct. Swachh Bharat Mission (Urban) aims to make urban areas open defecation-free and improve waste management practices, including the segregation of waste at the source.</p> <p>Statement 3 is incorrect. The Swachh Bharat Mission, both Gramin and Urban, is a centrally sponsored scheme, but it is not 100% funded by the central government. The funding pattern typically includes contributions from both the central and state governments.</p>
143	B	<p>Kasturba Gandhi Balika Vidyalaya (KGBV): This scheme is aimed at promoting the education of girls from disadvantaged communities, including Scheduled Castes (SC), Scheduled Tribes (ST), and Other</p>

		<p>Backward Classes (OBC). However, it is not exclusive to STs.</p> <p>Vanbandhu Kalyan Yojana: This initiative focuses on the holistic development and welfare of tribal communities, including the improvement of education for ST students.</p> <p>National Fellowship and Scholarship for Higher Education of ST Students: This is a specific scheme designed to support ST students in pursuing higher education through scholarships and fellowships.</p> <p>Sarva Shiksha Abhiyan (SSA): While SSA aims to provide universal elementary education across India, it is not exclusively focused on tribal education.</p>
144	A	<p>Statement 1 is correct: Navratna status is indeed granted to CPSEs that demonstrate strong financial performance and operational efficiency. This status provides them with greater autonomy to compete globally.</p> <p>Statement 2 is correct: A CPSE with Navratna status can make investments up to ₹1,000 crores without needing prior government approval. This allows them to operate with more freedom and flexibility.</p> <p>Statement 3 is incorrect: Maharatna status is a higher designation than Navratna. However, CPSEs do not need to first be Navratna to qualify for Maharatna status. A CPSE with a lower status (such as Miniratna) can directly apply for Maharatna status if they meet the eligibility criteria.</p>



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