

# SRIJAN IAS ACADEMY

**DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE TOLD TO DO SO**

Serial No. – NEW2026/17

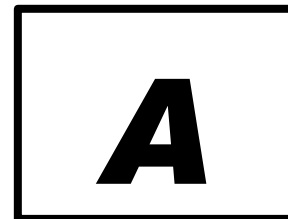
Test Booklet Series

**TEST BOOKLET**

**GENERAL STUDIES**

**Paper—17**

**(GS-FULL LENGTH-01)**



**Time Allowed: Two Hours**

**Maximum Marks: 200**

## **INSTRUCTIONS**

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS TEST BOOKLET DOES NOT HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS, ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
2. Please note that it is the candidate's responsibility to encode and fill in the Roll Number and Test Booklet Series A, B, C or D carefully and without any omission or discrepancy at the appropriate places in the OMR Answer Sheet. Any omission/discrepancy will render the Answer Sheet liable for rejection.
3. DO NOT write anything on the Test Booklet.
4. This Test Booklet contains 100 items (questions). Each item comprises four responses (answers). You will select the response which you want to mark on the Answer Sheet. In case you feel that there is more than one correct response, mark the response which you consider the best. In any case, choose **ONLY ONE** response for each item.
5. You have to mark all your responses **ONLY** on the separate Answer Sheet provided. See directions in the Answer Sheet.
6. All items carry equal marks.
7. Before you proceed to mark in the Answer Sheet the response to various items in the Test Booklet, you have to fill in some particulars in the Answer Sheet as per instructions sent to you with your Admission Certificate.
8. After you have completed filling in all your responses on the Answer Sheet and the examination has concluded, you should hand over to the Invigilator only the Answer Sheet. You are permitted to take this Test Booklet with you.
9. Sheets for rough work are appended in the Test Booklet at the end.
10. **Penalty for wrong answers:**  
THERE WILL BE PENALTY FOR WRONG ANSWERS MARKED BY A CANDIDATE IN ALL THE QUESTIONS.
  - (i) There are four alternatives for the answer to every question. For each question for which a wrong answer is given by the candidate, one-third of the marks assigned to that question will be deducted as penalty.
  - (ii) If a candidate gives more than one answer, it will be treated as a wrong answer even if one of the given answers happens to be correct and there will be same penalty as above to that question.
  - (iii) If a question is left blank, i.e., no answer is given by the candidate, there will be no penalty for that question.

**DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE TOLD TO DO**

1. Which of the following schemes under National Social Assistance Programme (NSAP) provides a lump sum benefit to a BPL family on the death of its primary breadwinner aged between 18 and 59 years?

- (a) IGNOAPS
- (b) IGNWPS
- (c) NFBS
- (d) IGNDPS

2. Consider the following statements regarding the Khajuraho School of Temple Architecture:

- 1. The temples at Khajuraho follow the Panchayatan style and are constructed on high platforms using granite as the primary building material.
- 2. The temples are north or east facing and often feature a vestibular entrance known as antarala leading to the garbhagriha.

Which of the statements given above is/are correct?

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

3. Consider the following statements regarding the Pradhan Mantri Shram Yogi Maan-dhan (PM-SYM) scheme:

- 1. It provides a minimum assured pension of ₹3000 per month after the beneficiary attains 60 years of age.
- 2. Family pension under the scheme is available to any one nominee of the subscriber in the event of their death.
- 3. Any worker paying income tax is eligible for enrollment under this scheme.

Which of the above statements is/are correct?

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

4. Consider the following statements about the contributions of women writers in Indian literature:

- 1. Women like Gargi and Maitreyi contributed to Vedic literature in Sanskrit.
- 2. Andal was a Pali poetess who expressed emotional detachment from worldly life.
- 3. Lal Ded and Habba Khatun represented the Sant tradition in Kashmir through their spiritual poetry.
- 4. Atukuri Molla authored a version of the Ramayana in the Telugu language.

Which of the above statements are correct?

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

5. Match the following initiatives/organizations with their roles in the FireSat project:

- | A. FireSat | 1. Satellite constellation for wildfire detection
- | B. Earth Fire Alliance | 2. Collaboration partner in the project
- | C. Muon Space | 3. Satellite technology and infrastructure
- | D. Gordon & Betty Moore Foundation | 4. Funding and research support

Choose the correct match:

- (a) A-2, B-1, C-3, D-4
- (b) A-1, B-2, C-3, D-4
- (c) A-1, B-3, C-4, D-2
- (d) A-4, B-1, C-2, D-3

## 6. Assertion-Reason type question

**Assertion (A):** Investing in research and development (R&D) and fostering innovation-driven industries is essential for countries to escape the middle-income trap.

**Reason (R):** Innovation and technological progress help countries move up the global value chain and improve productivity.

- (a) Both A and R are true, and R is the correct explanation of A
- (b) Both A and R are true, but R is not the correct explanation of A
- (c) A is true, but R is false
- (d) A is false, but R is true

7. Who among the following are required to take both the Oath of Office and the Oath of Secrecy under the Third Schedule of the Indian Constitution?

- (a) Members of Parliament
- (b) Judges of the Supreme Court
- (c) Ministers of State Governments
- (d) The President of India

8. Consider the following statements regarding African and Asian elephants:

1. African elephants are generally smaller than Asian elephants.
2. Both male and female African elephants typically have tusks, whereas in Asian elephants, usually only males have prominent tusks.
3. African elephants have large, fan-shaped ears, while Asian elephants have smaller, semi-circular ears.

Which of the above statements is/are correct?

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

9. Consider the following statements regarding the freedom of trade, commerce, and intercourse in India under Part XIII of the Indian Constitution:

1. Article 301 guarantees that trade will be free from unnecessary restrictions by the Union or States throughout India.
2. Article 302 allows Parliament to impose reasonable restrictions on trade only between different states, not within a state.
3. Article 303 allows for non-discriminatory restrictions to be imposed by Parliament in the public interest, but discriminatory provisions can also be made in case of scarcity of goods in any part of India.

Which of the above statements is/are correct?

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

10. Consider the following statements regarding borrowing powers of the Central and State Governments in India:

1. The Central Government can borrow from both domestic and international sources, while states cannot borrow from outside India.
2. A state can raise loans without the consent of the Centre, even if there is an outstanding loan made to the state by the Centre.
3. Sometimes Chief Ministers can negotiate soft loans from foreign institutions, but the loans are routed through the Central Government.

4. States require the consent of the Centre to raise loans if they have any outstanding loan from the Centre or a loan guaranteed by the Centre.

Which of the above statements is/are correct?

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

11. Which of the following statements about subduction zones and tectonic activity is/are correct?

1. Subduction zones can occur when both colliding plate sections consist of oceanic material, with older, denser oceanic lithosphere sinking below younger, more buoyant oceanic lithosphere.
2. At a subduction zone, the oceanic crust remains cooler than the surrounding mantle, resulting in the formation of blueschist due to low-temperature metamorphism.
3. The Andes mountain range was formed as a result of oceanic crust subducting beneath continental crust, leading to rapid uplift after the removal of dense material from the Earth's crust.

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

12. Which of the following statements are correct?

1. The Lanjia Saura paintings are an important spiritual part of the Lanjia Saura tribe in Odisha, known for their significant role in preserving the tribe's culture.
2. Rogan painting is a textile art from Kutch, Gujarat, where paint made from boiled oil and vegetable dyes is applied using a stylus or block printing.
3. Manjusha Art of Bihar, also known as Snake Paintings, tells the tale of Bihula's love and sacrifice, with swirling snakes being a central motif.

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

13. Which of the following statements are correct?

1. The President of India has the sole authority to notify the list of Scheduled Castes (SCs) and Scheduled Tribes (STs) for a state, after consulting the Governor of the respective state.
2. The Governor's opinion on the SC/ST list is binding on the President.
3. States have the authority to sub-classify SCs/STs for providing reservations to more disadvantaged segments within these categories, as per a recent Supreme Court judgment.

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

14. Which of the following statements are correct?

1. The Z-Morh Tunnel is a 6.5 kilometers long infrastructure project located near Sonamarg in Jammu & Kashmir, named after a Z-shaped hairpin bend on the Srinagar-Leh highway.
2. The Z-Morh Tunnel provides all-weather connectivity to Srinagar, Sonamarg, Kargil, and Ladakh, bypassing the avalanche-prone Zojila Pass.
3. The construction of the Z-Morh Tunnel was carried out by the Border Roads Organisation (BRO), under the National Highways and Infrastructure Development Corporation Limited (NHIDCL).

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

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

**15 Assertion-Reason type**

**Assertion (A):** The Prevention of Corruption Act (PCA), 1988, was amended in 2018 to explicitly criminalize bribe-giving, except in cases of coercion.

**Reason (R):** Section 17A of the Prevention of Corruption Act, 2018, mandates prior approval from the government or competent authority before investigating any public servant for actions done in the course of their official duties.

- (a) Both A and R are correct, and R is the correct explanation of A.
- (b) Both A and R are correct, but R is not the correct explanation of A.
- (c) A is correct, but R is incorrect.
- (d) A is incorrect, but R is correct.

**16. Match the following cloud types with their typical altitude ranges:**

- | A. Nimbostratus | 1. 8,000–12,000 meters |
- | B. Stratocumulus | 2. 2,000–7,000 meters |
- | C. Altocumulus | 3. Surface to ~1,200 meters |
- | D. Cirrus | 4. Ground up to ~3,000 meters |

**Options:**

- (a) A-4, B-3, C-2, D-1
- (b) A-3, B-4, C-1, D-2
- (c) A-2, B-1, C-4, D-3
- (d) A-4, B-2, C-3, D-1

**17. With reference to the NARCL–IDRCL model, consider the following statements:**

1. NARCL has been set up primarily by public sector banks to aggregate and acquire high-value non-performing assets (NPAs).
2. IDRCL is wholly owned by public sector banks and financial institutions.
3. IDRCL is a service company that manages stressed assets acquired by NARCL using market professionals and turnaround experts.

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

**18. With reference to Spot Exchanges in India, consider the following statements:**

1. Spot Exchanges are physical marketplaces where buyers and sellers meet face-to-face to trade in commodities with immediate delivery.
2. Anonymity in trading and wider participation in Spot Exchanges help ensure transparent and efficient price discovery.

Which of the statements given above is/are correct?

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

**19. With reference to dolomite in India, consider the following statements:**

1. Limestone with more than 10% magnesium content is classified as dolomite, and when it exceeds 45%, it is termed true dolomite.
2. Dolomite is primarily used in metallurgical operations, including as a flux in blast furnaces and in the production of magnesium salts.

3. Chhattisgarh is the largest producer of dolomite in India.

Which of the statements given above is/are correct?

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

**20. The Vigyan Jyoti programme, launched to encourage girls towards careers in STEM, is implemented by:**

- (a) Ministry of Women and Child Development
- (b) Ministry of Education
- (c) Ministry of Science and Technology
- (d) NITI Aayog

**21. The Hmar tribe, recently in the news, is predominantly found in:**

- (a) Arunachal Pradesh and Nagaland
- (b) Mizoram and Manipur
- (c) Meghalaya and Tripura
- (d) Sikkim and Assam

**22. Consider the following statements regarding the National Cadet Corps (NCC):**

1. The NCC was established under an Act of Parliament based on the recommendations of the Pandit H.N. Kunzru committee.
2. The NCC functions under the Ministry of Youth Affairs and Sports.

Which of the statements given above is/are correct?

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

**23. Match the following phases/types of business cycle with their respective characteristics:**

Pairs Term/Phase	Characteristic
1 Depression	Employment increases as businesses close down and lay off workers
2 Growth Recession	GDP is rising, but job losses continue, giving a recession-like perception
3 Double-Dip Recession	A brief recovery is followed by another recession, as seen in Eurozone crisis

Which of the above pairs is/are correctly matched?

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

**24. Which of the following statements regarding taxation powers under the Indian Constitution is/are correct?**

1. Taxes like customs duties and corporation tax are levied and retained exclusively by the Union Government.
2. Stamp duty on bills of exchange and excise duty on medicinal and toilet preparations containing alcohol are levied by the Union but collected and appropriated by the States.
3. Income tax on agriculture is levied by the Union and collected by the States.
4. Taxes on inter-state consignment of goods are levied and collected by the Union but assigned to the States under Article 269.

**Options:**

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

**25. Consider the following statements regarding Persistent Organic Pollutants (POPs):**

1. POPs are highly water-soluble chemicals, which makes them easily transported through aquatic systems.
2. POPs are highly lipid-soluble, facilitating their bio-accumulation in the tissues of living organisms.
3. POPs are semi-volatile and can travel long distances through the atmosphere before settling.

Which of the statements given above is/are correct?

**Options:**

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

**26. Consider the following statements regarding local governments in India:**

1. The provisions of Part IX and Part IXA of the Indian Constitution, which establish local governments, apply to the Fifth Schedule Areas of India.
2. The Finance Commission, constituted under Article 243I, reviews the financial position of both Panchayats and Municipalities.
3. The State Legislatures are empowered to make provisions for the maintenance, auditing, and presentation of accounts for Panchayats and Municipalities.

Which of the statements given above is/are correct?

**Options:**

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

**27. Consider the following statements:**

1. Onion, Vanilla, and Clove oil are examples of olfactory indicators used in laboratories for olfactory titration.
2. All bases dissolve in water; only alkalis, which are a subset of bases, dissolve in water and are soapy, bitter, and corrosive.
3. Tooth decay occurs when the pH of the mouth drops below 5.5, causing the enamel (calcium hydroxyapatite) to dissolve.

Which of the statements given above is/are correct?

**Options:**

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

**28. Consider the following statements regarding All-India Services:**

1. All-India services, including IAS, IPS, and IFoS, are common to both the Central and state governments, and the salaries and pensions of members of these services are met by the states.
2. The All-India Services Act of 1951 specifies that a maximum of 33.33% of senior posts in IAS, IPS, and IFoS are filled by promotion from state services, with the selection committee being chaired by a member of the UPSC.

- The control over All-India services is shared between the Central and state governments, with the ultimate control resting with the Central government, while disciplinary actions are solely under the Central government's purview.

Which of the statements given above is/are correct?

**Options:**

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

**29. Consider the following statements regarding Jalal-ud-Din Khalji:**

- Jalal-ud-Din Khalji was the first Sultan of the Khalji dynasty and ruled the Delhi Sultanate from 1290 to 1320.
- He was the first ruler of the Delhi Sultanate to propose that the state should be based on the willing support of the governed, and that it could not be a truly Islamic state due to the large Hindu majority in India.
- During his reign, he repulsed a Mongol invasion and allowed many Mongols to settle in India after their conversion to Islam.
- He captured Mandawar and Jhain from the Chahamana king Hammira but failed to capture the Chahamana capital, Ranthambore.

Which of the statements given above is/are correct?

**Options:**

- 1 and 3 only
- 1, 2, 3, and 4
- 2 and 3 only
- 1, 3, and 4 only

**30. Consider the following statements regarding the Treaty of Bassein:**

- The Treaty of Bassein led directly to the conclusion of the Second Anglo-Maratha War.
- As per the treaty, Bajirao II agreed to accept British suzerainty and allowed British troops to be stationed within Maratha territories.
- The Treaty of Bassein was accepted by all Maratha chiefs and had no opposition from them.
- Bajirao II's decision to approach the British for assistance was viewed as a betrayal by other Maratha leaders, leading to further conflict.

Which of the statements given above is/are correct?

**Options:**

- 1 and 3 only
- 2 and 4 only
- 1, 2, and 3 only
- 2 and 4 only

**31. Consider the following statements regarding the amendment of the Indian Constitution:**

- The Fifth Schedule of the Indian Constitution can be amended by an ordinary law without invoking Article 368.
- Any amendment to the Seventh Schedule requires a constitutional amendment under Article 368, with state ratification.
- Amendments to the Tenth Schedule require a constitutional amendment under Article 368.

Which of the statements given above is/are correct?

**Options:**

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

**32. Consider the following statements about the evolution of local government during British rule in India:**

1. Ripon's Resolution of 1882 introduced the idea of local bodies with non-officials holding majority positions, and some were elected.
2. Mayo's Resolution of 1870 authorized provincial governments to resort to local taxation to balance budgets.
3. Ripon's Resolution of 1882 proposed a reduced role for non-officials in local government.

Which of the statements given above is/are correct?

**Options:**

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

**33. Consider the following statements regarding Bhū-Aadhaar (ULPIN):**

1. Bhū-Aadhaar is a 14-digit identification number assigned to every surveyed parcel of land in India, launched in 2021.
2. Bhū-Aadhaar is part of the National Land Records Modernization Programme (NLRMP) launched by the Ministry of Rural Development.
3. The primary aim of Bhū-Aadhaar is to prevent land fraud, maintain updated land records, and facilitate better land management across the country.

Which of the statements given above is/are correct?

**Options:**

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

**34. Consider the following statements regarding precipitation:**

1. Precipitation refers to any form of water, whether liquid or solid, that falls from the atmosphere and reaches the Earth's surface.
2. Virga is a type of precipitation that falls from a cloud but evaporates before reaching the ground, often occurring in dry regions.
3. Precipitation can occur in several forms, such as rain, snow, sleet, hail, and freezing rain, depending on atmospheric conditions.

Which of the statements given above is/are correct?

**Options:**

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

**35. Consider the following statements regarding Article 240 of the Indian Constitution:**

1. The President has the power to make regulations for Union Territories like Andaman and Nicobar Islands, Lakshadweep, Dadra and Nagar Haveli, Daman and Diu, and Puducherry. However, in the case of Puducherry, this power can only be exercised when its Legislative Assembly is under suspension or has been dissolved.
2. The President may make regulations for the peace, progress, and good governance of the Union Territory of Ladakh under Article 240 of the Constitution of India.
3. Regulations made under Article 240(1) may repeal or amend any Act made by Parliament or any other law applicable to the Union Territory and have the same force as an Act of Parliament.

Which of the statements given above is/are correct?

**Options:**

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

**36. Consider the following statements regarding rural settlements mentioned in early Buddhist texts:**

1. The Vinaya Pitaka refers to different kinds of rural settlements, where a village could consist of one, two, three, or four kutis, with a kuti likely meaning a hamlet or large house with smaller houses around it.
2. The Pali texts mention specific kinds of villages associated with various professions, such as carpenters (vaddhaki-gama), reed makers (nalakara-gama), salt makers (lonakara-gama), and park attendants (aramika-gama).
3. The term 'gama' in Pali could refer to a hamlet, part of a settlement, temporary settlement, or even a caravan of traders camping for over four months.

Which of the statements given above is/are correct?

**Options:**

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

**37. Consider the following statements regarding Tax Buoyancy and Tax Elasticity:**

1. Tax buoyancy is a measure that indicates how total tax revenue changes in response to changes in GDP, including both automatic responses and discretionary policy changes.
2. Tax elasticity measures the sensitivity of tax revenue to changes in tax rates or economic activity, holding other factors constant.

Which of the statements given above is/are correct?

**Options:**

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

**38. Consider the following statements regarding the Arka and Arunika High-Performance Computing (HPC) systems:**

1. Arka and Arunika are developed for weather and climate research, with a total computational power of 22 Peta FLOPS, which is a significant increase from the previous 6.8 Peta FLOPS.
2. They were inaugurated by Prime Minister Narendra Modi in September 2024 and are located at the Indian Institute of Tropical Meteorology (ITM) in Pune and the National Centre for Medium-Range Weather Forecasting (NCMRWF) in Noida.
3. Their primary purpose is to enhance the prediction of extreme weather events like cyclones, heatwaves, and droughts, using Artificial Intelligence (AI) and Machine Learning (ML) to improve global weather models and regional forecasting.

Which of the statements given above is/are correct?

**Options:**

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

**39. Consider the following statements regarding Snow Fungus (White Jelly Mushroom):**

1. Snow Fungus is traditionally consumed in Chinese medicine for its skin-hydrating, anti-aging, and immune-boosting benefits.
2. Polysaccharides in Snow Fungus are known to enhance moisture retention, promote collagen synthesis, offer neuroprotective benefits, and support cognitive function.

Which of the statements given above is/are correct?

**Options:**

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

**40. Consider the following statements regarding the Stafford Cripps Mission of 1942:**

1. The British Government sent the Stafford Cripps Mission to India to secure the active cooperation of Indians in the Second World War, offering the proposal of a dominion status for India.
2. The mission proposed that a constituent assembly would be convened after the war, with its members to be solely nominated by the British Government.
3. The British Government proposed that any province not willing to join the Indian Union could form a separate union, and the British would safeguard the racial and religious minorities in India.

Which of the statements given above is/are correct?

**Options:**

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

**41. Which of the following Biosphere Reserves in India have been recognized internationally under the Man and Biosphere (MAB) Reserve Program?**

1. Nilgiri
2. Gulf of Mannar
3. Sunderban
4. Nanda Devi
5. Khangchendzonga
6. Panna, Madhya Pradesh

**Options:**

- (a) 1, 2, 3, 4, 5, 6
- (b) 1, 2, 3, 4, 6
- (c) 1, 2, 3, 4, 5
- (d) 1, 2, 4, 5, 6

**42. Which of the following statements regarding the removal of judges in India is/are correct?**

1. A judge may be removed from office through a motion signed by 100 members in the Lok Sabha or 50 members in the Rajya Sabha.
2. The removal motion, if admitted, leads to the constitution of a three-member committee to investigate the charges, including the Chief Justice or a judge of the Supreme Court, a Chief Justice of a High Court, and a distinguished jurist.
3. A Supreme Court judge can be removed only after a special majority is passed by each House of Parliament.
4. No judge of the Supreme Court has ever been impeached in India.

**Options:**

- (a) 1, 2, 3
- (b) 1, 3, 4

- (c) 2, 3, 4
- (d) 1, 2, 4

**43. Which of the following statements regarding the Chalukyas of Badami is/are correct?**

1. Queen Vijaya Bhatarika ruled over the kingdom of the Badami Chalukyas after her husband's death and assumed titles like Bhattarika and Mahadevi, indicating her role as a ruler.
2. The Chalukyas of Badami introduced cave temples, such as the Badami cave temples, and their architectural style, called Vesara, was a blend of Dravida and Nagara styles.
3. The land tax during the Chalukya period was uniform across the kingdom, with a fixed rate ranging from 8 to 33 percent based on the nature of the land.
4. Traders had to pay octroi duty, which was one of the main sources of income, along with land tax.

**Options:**

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

**44. Which of the following statements best describes the geopolitical importance of Hotan Prefecture?**

- (a) It is a contested region between China and Russia with recent naval developments.
- (b) It is a strategic region in China's Xinjiang Uyghur Autonomous Region (XUAR), bordering India's Ladakh and lying close to Aksai Chin.
- (c) It is a key agricultural hub in China's eastern provinces, known for its rice and wheat exports.
- (d) It serves as the headquarters of China's Belt and Road Initiative (BRI) coordination office.

**45. Consider the following statements regarding Xploder, an unmanned ground vehicle:**

1. Xploder has been developed by DRDO for IED disposal in conflict zones.
2. It is used in both conventional and sub-conventional warfare, including counter-terrorism and urban operations.
3. It was developed by a private defence start-up under the iDEX scheme.

Which of the statements given above is/are correct?

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

**46. Consider the following statements regarding the National Small Savings Fund (NSSF):**

1. The NSSF was established under the Consolidated Fund of India in 1999 to manage small savings schemes.
2. Interest rates on small savings schemes are revised quarterly, based on the recommendations of the Shyamala Gopinath Committee and fiscal considerations.
3. After the 14th Finance Commission's recommendation, all states were barred from availing NSSF loans.

Which of the statements given above is/are correct?

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

**47. Consider the following statements about the Turner Prize and the 2024 winner Jasleen Kaur:**

1. Jasleen Kaur, an Indian-origin artist, won the 2024 Turner Prize for her exhibition titled *Alter Altar*.
2. The Turner Prize is awarded annually to artists of any nationality for lifetime contributions to global art.

3. The Turner Prize was established by the Tate Gallery and is named after J.M.W. Turner, a renowned English painter.

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

**48. What is meant by "Panda Diplomacy"?**

- (a) The practice by China of gifting or loaning pandas to other countries to promote diplomatic relations  
(b) An agreement between Asian countries to protect panda habitats  
(c) A joint conservation treaty signed by China and the USA to breed pandas in captivity  
(d) A symbolic gesture by international organisations to award countries for wildlife protection

**49. Consider the following statements regarding India's electronics sector:**

1. India's domestic production of electronic goods has grown at a compound annual growth rate (CAGR) of over 17% between FY15 and FY24.
2. India accounts for over 10% of the global electronics market.

Which of the above statements is/are correct?

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

**50. Which of the following is correctly matched with respect to where it is maintained?**

- (a) CRR – With the bank itself  
(b) SLR – With the Reserve Bank of India  
(c) CRR – With the Reserve Bank of India  
(d) SLR – Only in the form of cash

**51. Consider the following statements:**

1. The Washington Consensus was initially designed to reform the economies of Eastern Europe after the Cold War.
2. It emphasizes reducing fiscal deficits and promoting trade liberalization as part of economic reforms.

Which of the statements given above is/are correct?

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

**52. Consider the following statements:**

1. The Kushan dynasty was the first in India to issue gold coins on a broad scale, promoting trade, especially with the Roman Empire.
2. Kanishka, a prominent Kushan ruler, is known for constructing monuments in regions such as Mathura and Peshawar.
3. Asvaghosha, a key figure in Kanishka's court, authored the famous work *Buddhacarita*, which describes the life of Buddha in Sanskrit.

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

**53. Consider the following statements:**

1. Critical Wildlife Habitats (CWHs) are designated under the Wildlife Protection Act, 1972.
2. The process of identifying and notifying CWHs involves scientific assessment and consultation with local communities as per the Forest Rights Act, 2006.
3. Critical Wildlife Habitats (CWHs) automatically lead to the relocation of forest dwellers.
4. CWHs are different from Critical Tiger Habitats (CTHs), which are notified under Project Tiger.

Which of the statements given above are correct?

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

**54. Assertion-Reason type question:**

**Assertion (A):** In India, Credit Default Swaps (CDS) are over-the-counter (OTC) derivatives, meaning they are privately negotiated between counterparties, as opposed to being exchange-traded.

**Reason (R):** CDS contracts in India are governed by RBI guidelines, and the RBI permits trading only on certain types of corporate bonds by eligible participants such as banks, mutual funds, and insurance companies.

Which of the following is the correct relationship between Assertion and Reason?

- (a) Both Assertion and Reason are correct, and Reason is the correct explanation for Assertion.
- (b) Both Assertion and Reason are correct, but Reason is not the correct explanation for Assertion.
- (c) Assertion is correct, but Reason is incorrect.
- (d) Assertion is incorrect, but Reason is correct.

**55. Which of the following is a consequence of a 51% attack on a blockchain network?**

- (a) Cryptocurrency transactions become fully irreversible.
- (b) The blockchain network becomes more decentralized.
- (c) Double-spending of cryptocurrency becomes possible.
- (d) Mining rewards increase for all participants.

**56. Consider the following statements:**

1. Election disputes related to the election of Members of Parliament (MPs) must be decided by the Supreme Court directly, without going through the High Court.
2. The High Court has original jurisdiction to issue writs for the enforcement of Fundamental Rights under Article 226 of the Constitution of India.

Which of the statements given above is/are correct?

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

**57. Consider the following statements:**

1. The General Resources Account (GRA) is the principal account through which the IMF provides lending to countries facing balance of payments difficulties.
2. The GRA is financed through voluntary contributions made by IMF member countries.
3. Concessional financial support for low-income countries (LICs) is provided through the General Resources Account.

Which of the statements given above are correct?

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

**58. Match the rivers with their characteristics:**

**River      Characteristic**

1. Orinoco A. Flows through Mesopotamia and empties into the Persian Gulf.
2. Tigris    B. Flows through six countries and empties into the South China Sea.
3. Mekong C. Drains into the Atlantic Ocean, with its drainage basin mostly in Venezuela.
4. Niger    D. Flows through West Africa and empties into the Gulf of Guinea.

Select the correct answer from the options below:

- (a) 1 - C, 2 - A, 3 - B, 4 - D
- (b) 1 - A, 2 - C, 3 - D, 4 - B
- (c) 1 - C, 2 - B, 3 - A, 4 - D
- (d) 1 - D, 2 - A, 3 - B, 4 - C

**59. Assertion-Reason type:**

**Assertion (A):** Sharda script is named after the Hindu goddess Śāradā, the goddess of learning, and was initially used by Brahmins but later spread across the northwestern parts of the Indian Subcontinent, especially in Kashmir.

**Reason (R):** The Bakhshali manuscript, which uses an early stage of the Sharada script, provides evidence of its widespread use in Afghanistan and the Himachal region, with inscriptions dating back to the 6th to 8th century CE.

Select the correct answer from the options below:

- (a) Both Assertion (A) and Reason (R) are correct, and Reason (R) correctly explains Assertion (A).
- (b) Both Assertion (A) and Reason (R) are correct, but Reason (R) does not correctly explain Assertion (A).
- (c) Assertion (A) is correct, but Reason (R) is incorrect.
- (d) Assertion (A) is incorrect, but Reason (R) is correct.

**60. Assertion-Reason type:**

**Assertion (A):** X-rays have a lower frequency than radio waves.

**Reason (R):** The electromagnetic spectrum consists of waves arranged in order of increasing frequency and decreasing wavelength, with radio waves having the lowest frequency and X-rays having a much higher frequency.

Select the correct answer from the options below:

- (a) Both Assertion (A) and Reason (R) are correct, and Reason (R) correctly explains Assertion (A).
- (b) Both Assertion (A) and Reason (R) are correct, but Reason (R) does not correctly explain Assertion (A).
- (c) Assertion (A) is correct, but Reason (R) is incorrect.
- (d) Assertion (A) is incorrect, but Reason (R) is correct.

**61. Match the following practices with their association with Regenerative Agriculture:**

**Practice**

**Association**

1. Cover Cropping      A. Increases vulnerability to pests and diseases
2. Reduced Tillage      B. Prevents soil erosion and enhances soil microbial activity
3. Rotational Grazing    C. Increases soil fertility and plant diversity
4. Monoculture Planting D. Decreases soil fertility and reduces biodiversity

Select the correct answer from the options below:

- (a) 1-B, 2-D, 3-C, 4-A
- (b) 1-A, 2-B, 3-D, 4-C
- (c) 1-B, 2-C, 3-A, 4-D
- (d) 1-C, 2-B, 3-D, 4-A

**62. Assertion-Reason type on Endemic Species):**

**Assertion:** The Brow-antlered Deer (Sangai) is an endangered species found only in Manipur, India, specifically in the Keibul Lamjao National Park.

**Reason:** The Nilgiri Tahr is native to the Western Ghats and is the state animal of Tamil Nadu, which is endemic to India.

Select the correct answer from the options below:

- (a) Both Assertion and Reason are correct, and the Reason is the correct explanation for the Assertion.
- (b) Both Assertion and Reason are correct, but the Reason is not the correct explanation for the Assertion.
- (c) Assertion is correct, but the Reason is incorrect.
- (d) Both Assertion and Reason are incorrect.

**63. Which one of the following Articles of the Indian Constitution is correctly matched with the law enacted to implement its objective?**

- (a) Article 45 – Maternity Benefit Act, 1961
- (b) Article 42 – Right to Education Act, 2009
- (c) Article 43 – Minimum Wages Act, 1948
- (d) Article 49 – Wildlife Protection Act, 1972

**64. Consider the following statements regarding the Dutch presence in India:**

- 1. The Dutch were primarily interested in establishing political dominance and empire building in India.
- 2. Cornelis de Houtman was the first Dutchman to reach India in 1596.

Which of the above statements is/are correct?

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

**65. Consider the following statements regarding the Jatinga Bird Mystery:**

- 1. The bird phenomenon in Jatinga occurs annually between September and November, involving birds crashing into artificial light sources.
- 2. The phenomenon is observed throughout the night, typically from 9 p.m. to early morning.
- 3. Only migratory bird species are affected by this phenomenon.

Which of the above statements is/are correct?

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

**66. Consider the following statements regarding the Sustainable Finance for Tiger Landscapes Conference (SFTLC) and the Tiger Conservation Coalition (TCC):**

- 1. The Tiger Conservation Coalition is a government-led initiative comprising tiger-range countries focused on habitat restoration.
- 2. The SFTLC was hosted by the United Nations Development Programme and aimed at mobilizing US\$1 billion by 2034.
- 3. The SFTLC featured the launch of innovative financial tools such as Tiger Bonds and the Tiger Landscapes Investment Fund.
- 4. The SFTLC was hosted by the government of Bhutan and supported by a coalition of wildlife experts and institutions.

Which of the above statements are correct?

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

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

**67. Match the following naval operations and missions with their correct objectives:**

**List I (Naval Vessel/Operation) List II (Objective)**

- |                            |   |
|----------------------------|---|
| A. INS Sumitra             | 1. Responded to hijacking of FV Iman          |
| B. Gulf of Aden Deployment | 2. Anti-piracy and maritime security          |
| C. FV Iman                 | 3. Iranian fishing vessel hijacked by pirates |
| D. 28 January 2024         | 4. Rescue operation by Indian Navy warship    |

Choose the correct match:

- (a) A-2, B-1, C-3, D-4
- (b) A-1, B-2, C-3, D-4
- (c) A-2, B-3, C-1, D-4
- (d) A-3, B-4, C-2, D-1

**68. Assertion Reason type question:**

**Assertion (A):** Biocovers are effective in reducing fugitive methane emissions from old dumpsites.

**Reason (R):** Biocovers create anaerobic conditions that help methane-producing bacteria to thrive.

- (a) Both A and R are true, and R is the correct explanation of A
- (b) Both A and R are true, but R is not the correct explanation of A
- (c) A is true, but R is false
- (d) A is false, but R is true

**69. Which one of the following pesticides, recently banned by the U.S. Environmental Protection Agency (EPA), is known to cause developmental issues such as low birth weight and impaired brain development in fetuses?**

- (a) Glyphosate
- (b) DCPA (Dacthal)
- (c) Atrazine
- (d) Paraquat

**70. Consider the following statements regarding the findings of the State of Forest Report 2023:**

1. India's total forest and tree cover is approximately 29% of its total land area.
2. The recent increase in forest and tree cover is largely attributed to plantations, which do not provide significant biodiversity or traditional forest resources.

Which of the statements given above is/are correct?

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

**71. Consider the following statements with reference to Extrachromosomal DNA (ecDNA):**

1. ecDNA exists as circular DNA loops within the nucleus and can replicate independently of chromosomal DNA.
2. ecDNA follows the standard Mendelian inheritance pattern during cell division.
3. ecDNA is commonly found in aggressive cancer cells and contributes to drug resistance and tumor growth.

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

**72. Consider the following statements regarding the Indian government's expenditure:**

1. Fertilizer subsidy accounts for the highest share among subsidies, with the food subsidy having a lower share.
2. The largest component of the Central Government's expenditure is on defense, surpassing interest payments.
3. Revenue expenditure includes non-asset-creating expenses such as salaries, pensions, subsidies, and interest payments, and often exceeds 10% of GDP.

Which of the statements given above is/are correct?

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

**73. Which of the following statements regarding the IRIS<sup>2</sup> satellite communication project by the European Union is/are correct?**

1. IRIS<sup>2</sup> aims to enhance Europe's digital sovereignty by reducing dependence on foreign satellite networks.
2. The project's objectives include providing encrypted satellite communication services for EU governments and ensuring continuity during cyberattacks.
3. IRIS<sup>2</sup> is part of the broader EU strategy to focus solely on global broadband coverage, without any emphasis on strategic autonomy.

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

**74. Consider the following statements regarding inflation and the Inflation Targeting Framework of the Reserve Bank of India (RBI):**

1. CPI-Combined inflation has consistently increased in the last five years.
2. Wholesale Price Index (WPI) inflation was positive in FY24.
3. The CPI-Combined for the year 2022-23 was within the RBI's permitted inflation range of 2% to 6%.

Which of the statements given above is/are correct?

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

**75. Which of the following statements regarding Sufi literature and poetry are correct?**

1. Sufi poetry composed in regional languages such as Persian, Hindi, Punjabi, Sindhi, and Bengali played a significant role in propagating Sufi ideas among the common people.
2. Sufi literature primarily focused on political and historical themes, with the aim of interacting with rulers.
3. Most Sufi poetry expressed ideas of divine love, spiritual longing, and devotion to God, using metaphors of love and union with the divine.

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

**76. Which of the following statements regarding Agaléga Island, Assumption Island, and Solomon Islands are correct?**

1. Agaléga Island is located about 1,000 kilometers north of Mauritius Island.
2. Assumption Island, situated southwest of Seychelles, was leased to the Indian Navy for establishing a base in 2015.
3. Solomon Islands is an island country located in the Pacific Ocean, and scientists have discovered the world's largest coral near it.

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

**77. Which of the following statements regarding the 'Pratibimb' module are correct?**

1. The 'Pratibimb' module was launched by the Union Ministry of Home Affairs through the Indian Cyber Crime Coordination Centre (I4C).
2. It is a tool designed to map the locations of cybercriminals and crime infrastructure to assist law enforcement agencies.
3. The 'Pratibimb' module helps in enhancing the real-time tracking of cybercriminals and strengthens coordination among different states.

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

**78. Which of the following statements about the "Spring" initiative launched by the UN-backed Principles for Responsible Investment (PRI) are correct?**

1. The initiative aims to halt or reverse nature loss by 2030 and is supported by a coalition of 200 investors managing a combined \$15 trillion in assets.
2. The focus of the initiative is on engaging with 40 key companies, as well as an additional 20 focus companies, to improve corporate practices and political engagement on nature-related risks.
3. Target sectors include food and agriculture, mineral mining, automotive, chemicals, and banking, with prominent companies such as L'Oreal, Toyota, and Bayer being central to the strategy.
4. The initiative targets emerging markets like Brazil and regions sourcing forestry-risk commodities and focuses on geographies with critical ecosystems at risk of forest loss and land degradation.

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

**79. Which of the following statements about Article 3 and Article 4 of the Indian Constitution are correct?**

1. Article 3 deals with the formation of new states, alteration of state boundaries, and other territorial adjustments within India. However, the cession of Indian territory to a foreign country requires a constitutional amendment under Article 368, not just a simple majority under Article 3.
2. Article 4 of the Indian Constitution specifies that any law made under Articles 2 and 3 to amend the First and Fourth Schedules is not considered an amendment under Article 368, meaning it can be passed with a simple majority in Parliament.

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

**80. Which of the following statements about corporate bonds is/are correct?**

1. Corporate bonds are typically issued as unsecured debt, meaning bondholders have no claim on the company's assets in case of default.
2. Corporate bonds generally carry a higher interest rate than government bonds due to the higher credit risk associated with them.
3. In India, the corporate bond market is relatively underdeveloped, with a corporate bond market size of only 18% of GDP compared to 80% in Korea and 36% in China.

- (a) Only statement 1 is correct  
(b) Only statements 2 and 3 are correct  
(c) All three statements are correct  
(d) None of the statements are correct

**81. With reference to India's Digital Rupee (₹), consider the following statements:**

1. It is currently being used for settlement of secondary market transactions in Government Securities.
2. It supports offline transactions and can be used without internet connectivity.
3. It is issued under Section 26 of the RBI Act, 1934 and is not considered a legal tender.

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

**82. Which of the following initiatives has been developed by the Reserve Bank of India to detect mule bank accounts used for financial fraud?**

- (a) DigiSecure AI  
(b) MuleHunter.ai  
(c) FraudBlocker 2.0  
(d) CyberShieldX

**83. Consider the following statements regarding the Eurasian Otter (*Lutra lutra*) in India:**

1. It is the only otter species found in India, primarily inhabiting Himalayan river systems.
2. It is classified as 'Near Threatened' by the IUCN and is protected under Schedule II of the Wildlife Protection Act, 1972.

Which of the statements given above is/are correct?

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

**84. With reference to the impacts of climate change on the water cycle, consider the following statements:**

1. A 1°C rise in global temperature increases the air's capacity to hold water vapour by approximately 7%.
2. Intense rainfall events automatically improve soil moisture in arid regions over the long term.
3. Climate change can simultaneously lead to both increased flooding and worsening droughts.
4. Rapid evaporation in hot regions due to climate change contributes to flash droughts.

Which of the statements given above are correct?

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

85. Match the following events related to Subhash Chandra Bose with their corresponding details:

- | A. Indian Civil Services (ICS) | 1. Established in Germany to spread nationalist messages  
| B. Azad Hind Radio | 2. Resigned from service in 1921 despite securing 4th rank  
| C. Congress President at Haripura | 3. Led to ideological conflict with Gandhi and formation of Forward Bloc  
| D. Provisional Government of Free India | 4. Declared on 21st October 1943

Select the correct match using the code given below:

- (a) A-2, B-1, C-3, D-4  
(b) A-3, B-2, C-1, D-4  
(c) A-1, B-2, C-4, D-3  
(d) A-2, B-3, C-4, D-1

86. Assertion – Reason type Question

**Assertion (A):** Sakkarakottai Bird Sanctuary in Tamil Nadu is an important site along the Central Asian Flyway and supports several species of migratory waterfowl.

**Reason (R):** It is located near the Gulf of Mannar and serves as a breeding ground for resident and migratory birds.

**Options:**

- (a) Both A and R are correct, and R is the correct explanation of A  
(b) Both A and R are correct, but R is not the correct explanation of A  
(c) A is correct, but R is incorrect  
(d) A is incorrect, but R is correct

87. Which of the following statements best describes the Human Coronavirus HKU1 (HCoV-HKU1)?

- (a) It is a newly discovered strain of coronavirus first reported in India in 2024  
(b) It is a coronavirus strain that typically causes gastrointestinal infections in humans  
(c) It is one of the known human coronaviruses, first identified in 2005, and causes respiratory illnesses  
(d) It is a zoonotic virus that primarily infects animals but has not been reported in humans yet

88. Consider the following statements regarding the development of Indian Railways during British rule:

1. The British Government of India guaranteed a minimum return of 5% to private companies investing in railway construction, irrespective of profitability.
2. The primary motivation behind railway construction in colonial India was the developmental needs of Indian society.

Which of the statements given above is/are correct?

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

89. Consider the following statements regarding fumaroles:

1. Fumaroles are surface openings that emit volcanic gases and steam, typically found near active volcanoes or magmatic intrusions.
2. Fumaroles are permanent geological features that continue emitting gases irrespective of volcanic activity.
3. Monitoring fumaroles helps scientists forecast volcanic eruptions by tracking changes in gas emissions and temperature.

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

**90. Consider the following statements regarding Mpox (formerly known as monkeypox):**

1. Mpox is caused by a single clade of the monkeypox virus and does not have distinct subclades.
2. Mpox primarily spreads through close contact between individuals, and can also be transmitted from parent to fetus during pregnancy.
3. Mpox vaccination is available, but it is not recommended for individuals at high risk.
4. Mpox can lead to severe outcomes such as stillbirth or death in newborns if contracted during pregnancy.

Which of the statements given above is/are correct?

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

**91. Match the following inscriptions with their respective regions/dynasties:**

**Inscriptions**

**Regions/Dynasties**

- |  |                     |
|--|---------------------|
| 1. Uttaramerur inscription             | a) Pallava dynasty  |
| 2. Vaikunta Perumal Temple inscription | b) Chola dynasty    |
| 3. Aihole inscription                  | c) Chalukya dynasty |
| 4. Kudal inscription                   | d) Gupta dynasty    |

Select the correct pairings:

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

**92. Consider the following statements regarding diseases and their causative agents:**

1. Tuberculosis is caused by Mycobacterium tuberculosis and primarily affects the lungs but can spread to other organs.
2. Dengue is caused by a protozoan parasite and transmitted by the Aedes aegypti mosquito.
3. Chickenpox is caused by the Varicella-Zoster virus, which is highly contagious and spreads through direct contact or airborne droplets.
4. Malaria is caused by the Plasmodium species, transmitted by the Anopheles mosquito.

Which of the statements given above are **correct**?

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

**93. Which of the following is most closely associated with the concept of Competitive Federalism?**

- (a) States negotiate for financial resources and special status.
- (b) States compete to attract investment, improve governance, and enhance economic performance.
- (c) Emphasizes collaboration between the center and states.
- (d) States have varying levels of autonomy and powers.

**94. Consider the following statements regarding the Appropriation Bill:**

1. It gives power to the government to withdraw funds from the Consolidated Fund of India for meeting the expenditure during the financial year.
2. The Appropriation Bill includes both voted demands and charged expenditures.
3. Amendments can be proposed to the Appropriation Bill in either house of Parliament to vary the amount or alter the destination of any grant.

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

**95. Consider the following species:**

1. Harriotta avia is a species of chimaera, also known as ghost sharks or ratfish, which typically inhabits deep-sea environments.
2. Sauron's Piranha (Myloplus sauron), named after the villain from The Lord of the Rings, is a freshwater species found in the Amazon River Basin.
3. Halichoeres sanchezi is a species of wrasse, found in coral reef ecosystems, known for its vibrant colors and role in maintaining coral reef health.

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

**96. Consider the following statements regarding the Nagoya Protocol on Access and Benefit Sharing (ABS):**

1. The Nagoya Protocol was adopted in Nagoya, Japan, in 2010 and entered into force in 2014 under the Convention on Biological Diversity (CBD).
2. The protocol aims to ensure the fair and equitable sharing of benefits derived from the use of genetic resources to contribute to biodiversity conservation and sustainable use.
3. The Convention on International Trade in Endangered Species (CITES) and the Ramsar Convention are directly related to the Nagoya Protocol.
4. The Nagoya Protocol helps developing countries economically benefit from their rich biodiversity and strengthens the rights of indigenous communities.

Which of the above statements is/are correct?

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

**97. Consider the following statements regarding the National Biodiversity Authority (NBA):**

1. The NBA was established under the Biological Diversity Act, 2002, and regulates access to biological resources and knowledge for research, commercial, and industrial purposes.
2. The Chairperson of the NBA is appointed by the President of India and serves a term of three years, with eligibility for reappointment.

Which of the above statements is/are correct?

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

**98. Consider the following statements regarding coastal fog:**

1. Coastal fog is primarily caused by the condensation of moist air as it passes over warm ocean currents near coastal regions.
2. Onshore winds and cold ocean currents play key roles in the formation of coastal fog by cooling the moist air and causing condensation.

Which of the above statements is/are correct?

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

**99. Consider the following statements regarding the concept of conditional convergence in economic growth:**

1. Conditional convergence suggests that countries will converge to the same long-run per capita income level regardless of their economic characteristics.
2. Conditional convergence proposes that economies will converge to their own steady-state income levels, provided they share similar structural characteristics like savings rates, population growth, and institutional quality.

Which of the above statements is/are correct?

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

**100. Consider the following statements regarding Plastic Ice VII:**

1. Plastic Ice VII allows water molecules to rotate freely while maintaining a rigid lattice structure.
2. It forms under pressures above 3 gigapascals and temperatures above 450 Kelvin.
3. The existence of Plastic Ice VII was first predicted in 2008 and confirmed through neutron-scattering experiments.

Which of the above statements is/are correct?

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

