

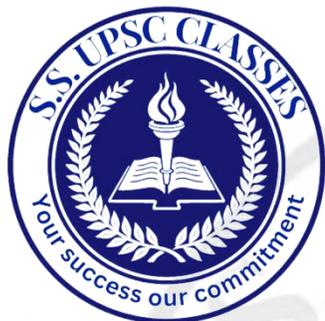
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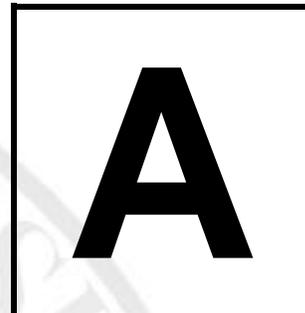
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**SSUPSC0042**

**Test Booklet Series**



**TEST BOOKLET**  
**GENERAL STUDIES**  
**PAPER - I**



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**Time Allowed : Two Hours**

**Maximum Marks : 200**

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**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.
2. ENCODE CLEARLY THE TEST BOOKLET SERIES CODE A, B, C OR D AS THE CASE MAY BE IN THE APPROPRIATE PLACE IN THE ANSWER SHEET.
3. You have to enter your Roll Number on the Test Booklet in the Box provided alongside this line. DO NOT write anything else on the Test Booklet.
4. This Test Booklet contains 100 questions. Each question is printed in English. 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. All items carry equal marks.
6. Penalty for wrong answers: THERE WILL BE PENALTY FOR WRONG ANSWERS MARKED BY A CANDIDATE IN THE OBJECTIVE TYPE QUESTION PAPERS.
  - I. There are four alternatives for the answer to every question. For each question for which a wrong answer has been 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.

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Q1. Consider the following statements with respect to freedom from taxation for the promotion of a religion:

1. State should not spend the money collected by way of tax for the promotion of any particular religion.
2. This provision prohibits the levy of a tax and fee to control the secular administration of religious institutions.

Which of the statements given above is/are correct?

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

Q2. Which of the following statements is/are correct with regard to the consequences of the proclamation of a Financial Emergency?

1. Centre acquires full control over the states in financial matters.
2. President may reserve all money bills or other financial bills for consideration after they are passed by the legislature of the state.
3. President may issue directions for the reduction of salaries and allowances of the judges of the Supreme Court and the high court.

Select the correct answer using the code given below.

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

Q3. Which of the following has the power to admit a new state into the Union of India?

- (a) Parliament
- (b) President
- (c) Union Government
- (d) Supreme Court

Q4. Consider the following statements:

Statement-I: Temperature inversion occurs near the ground on cloudless and calm nights.

Statement-II: Air near the ground cools through conduction on cloudless and calm nights.

Which one of the following is correct in respect of the above statements?

- (a) Both Statement-I and Statement-II are correct and Statement-II explains Statement-I
- (b) Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I
- (c) Statement-I is correct, but Statement-II is incorrect
- (d) Statement-I is incorrect, but Statement-II is correct

Q5. Consider the following pairs:

Atmospheric phenomenon	Description
1. Convection	Vertical heating of air confined only to the troposphere
2. Advection	Transfer of heat through the vertical movement of air
3. Sublimation	Substance changes directly from a solid to a gas without becoming a liquid

How many of the pairs given above are correctly matched?

- (a) Only one pair
- (b) Only two pairs
- (c) All three pairs
- (d) None

Q6. Match the following Köppen climate zones with their characteristics:

Climate Zone	Characteristic
A. Zone A	1. Temperature of the coldest month is 18 °C or higher
B. Zone B	2. Defined by aridity, including deserts and steppes
C. Zone C	3. Found in regions with Warm temperate climates
D. Zone E	4. Includes tundra and ice-cap climates

Select the correct answer using the code given below:

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

Q7. The staple commodities of export by India to Greece and Rome during the Sangam age were:

- (a) Gold ornaments, pepper and diamonds
- (b) Cotton textiles, sandal paste and rice
- (c) Copper, gold coins and sapphire
- (d) Cardamom, glass and sweet wine

Q8. Which of the following statements are correct with reference to Ashvaghosha?

- 1. He was the contemporary of Kushana ruler Kanishka.
- 2. He composed a biography of Buddha, the Buddhacharita.
- 3. He popularised the style of Sanskrit poetry known as kavya.

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

Q9. Consider the following pairs:

Site	Feature
1. Tawang	Largest Buddhist monastery in India
2. Alchi	A prominent Buddhist center during the Pallava dynasty
3. Bharhut	Representation of Buddha in the form of symbols

How many of the pairs given above are correctly matched?

- (a) Only one pair
- (b) Only two pairs
- (c) All three pairs
- (d) None

Q10. With reference to the history of India, Alarippu, Jatiswaram, Shabdham and Varnam are elements of:

- (a) Hindustani music
- (b) Bharatanatyam dance
- (c) Persian miniature painting
- (d) Vedic chants

Q11. The Bayesian Convolutional Neural Network (BCNN), sometimes seen in the news, aims to:

- (a) forecast cyclone induced storm surges
- (b) asses different landforms due to volcanic eruptions
- (c) identify and document earthquakes
- (d) predict the emergence of El Niño and La Niña conditions

Q12. The Government of India has signed the Initiative on Critical and Emerging Technologies (iCET) with which one of the following countries?

- (a) Germany
- (b) Canada
- (c) United States of America
- (d) Japan

Q13. The INDUS-X initiative sometimes seen in the news is associated with:

- (a) controlling the construction of dams across the tributaries of Indus river
- (b) renaming of the recently excavated sites of the Harappan Civilisation
- (c) distribution of water from the Indus river between India and Pakistan
- (d) defence partnership between India and the United States of America (USA)

Q14. With reference to the Environmental flows (E-flows) Monitoring System, consider the following statements:

- 1. It enables the real-time analysis of the water quality of river Ganga, Yamuna and their tributaries.
- 2. It monitors the performance of Sewage Treatment Plants along the river course.
- 3. It has been developed by the Central Pollution Control Board (CPCB).

Which of the statements given above is/are correct?

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

Q15. Consider the following statements:

Statement-I: Higher interest rates lead to a smaller speculative demand for money.

Statement-II: At higher interest rates, people prefer to invest in interest-earning assets rather than holding money.

Which one of the following is correct in respect of the above statements?

- (a) Both Statement-I and Statement-II are correct and Statement-II explains Statement-I
- (b) Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I
- (c) Statement-I is correct, but Statement-II is incorrect
- (d) Statement-I is incorrect, but Statement-II is correct

Q16. With reference to Capital to Risk (Weighted) Assets Ratio (CRAR), consider the following statements:

- 1. It is a financial metric used to ensure that banks have sufficient capital to absorb potential losses and protect depositors' funds.
- 2. It is decided by the Reserve Bank of India for all financial institutions in India.
- 3. Its requirement is higher for banks in India than given in Basel III norms.

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

Q17. Consider the following statements regarding the Priority Sector Lending (PSL) in India:

- 1. It aims to promote inclusive growth and address the credit needs of marginalized sections of society.
- 2. Small Finance Bank (SFB) must lend at least 60 percent of the adjusted net bank credit to the priority sector.
- 3. Individual farmers, regardless of their scale of operations, qualify for classification under PSL.

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

Q18. Consider the following leaders:

- 1. Mahadev Govind Ranade
- 2. Narayan Ganesh Chandavarkar
- 3. Atma Ram Pandurang

How many of the leaders given above were associated with the Prarthana Samaj?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

Q19. Consider the following pairs:

Treaty under the Colonial Rule in India	Associated Country
1. Treaty of Lhasa	Burma
2. Treaty of Sagauli	Tibet
3. Treaty of Gandamak	Afghanistan

How many of the pairs given above is/are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

Q20. With reference to the British colonial rule in India, consider the following statements:

1. Dastak was the land agreement between British planters and indigo labours under the Nij system of Indigo Cultivation.
2. Dadani was a revenue collection system where land revenue for a village was collected by an agent appointed by the East India Company.

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

Q21. Which of the following crops were referred to as 'jins-i-kamil' in Mughal India?

- (a) Rice and barley
- (b) Tea and tobacco
- (c) Millets and pulses
- (d) Cotton and sugarcane

Q22. Consider the following statements:

Statement-I: Akbar built the Buland Darwaza at Fatehpur Sikri.

Statement-II: Akbar wanted to commemorate his successful military campaign of Gujarat.

Which one of the following is correct in respect of

the above statements?

- (a) Both Statement-I and Statement-II are correct and Statement-II explains Statement-I
- (b) Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I
- (c) Statement-I is correct, but Statement-II is incorrect
- (d) Statement-I is incorrect, but Statement-II is correct

Q23. Consider the following statements with reference to the active noise cancellation technology in headphones:

1. It uses microphones to pick up ambient sounds and generate sound waves of opposite polarity to cancel them out.
2. It only blocks out high-pitch sounds, leaving low-pitch sounds unaffected.

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

Q24. Consider the following statements with reference to the working of solid-fuel technology:

1. Solid propellants use metallic powders such as aluminium as fuel.
2. Solid fuels can remain in storage for an extended period.
3. Solid-fuel missiles need to be fuelled immediately ahead of launch.

Which of the statements given above is/are correct?

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

Q25. Which one of the following statements best describes the term Generative Adversarial Networks (GANs)?

- (a) It is a satellite system developed for enabling the 6G infrastructure network.
- (b) It is a machine learning model where two neural networks are used against each other to produce highly realistic data.
- (c) It is a blockchain-based encryption technique used to enhance cybersecurity by generating adversarial attack models.
- (d) It is a wireless transmission technology that can use air as a medium for the transfer of data.

Q26. Which one of the following refers to the ability of an organism to maintain constant internal conditions with respect to changing external conditions?

- (a) Plasmolysis
- (b) Exocytosis
- (c) Endocytosis
- (d) Homeostasis

Q27. With reference to the per- and poly-fluoroalkyl substances (PFAS), consider the following statements:

- 1. They are synthetic polymers resistant to heat.
- 2. They are not considered as ozone-depleting substances.
- 3. They are known to biomagnify in terrestrial mammals and birds.

Which of the statements given above is/are correct?

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

Q28. Consider the following statements with reference to the lake ecosystem:

- 1. The littoral zone is the near shore area where sunlight penetrates all the way to the sediment.
- 2. The pelagic zone is the open water area where light does not penetrate to the bottom.
- 3. The benthic zone is at the bottom of the lake which is covered by fine layers of mud.

How many of the statements given above are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

Q29. Which of the following are the advantages of parliamentary democracy?

- 1. Responsible Government
- 2. Wide Representation
- 3. Strict Separation of powers
- 4. Harmony Between Legislature and Executive

Select the correct answer using the code given below.

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

Q30. Which of the following provisions of the constitution ensure political equality?

- 1. Elections based on adult suffrage.
- 2. Abolition of titles.
- 3. No ineligibility for inclusion in electoral rolls on grounds of religion, race, caste, or sex.

Select the correct answer using the code given below.

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

Q31. Consider the following statements regarding the amendment procedure of the constitution of India:

1. A constitutional amendment bill cannot be introduced by the nominated members of the Lok Sabha.
2. A constitutional amendment bill that seeks to amend the federal provisions of the Constitution must be ratified by the Legislatures of half of the States by a special majority.

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

Q32. Consider the following statements:

1. Majority of the Earth's atmosphere mass is contained in the stratosphere.
2. Earth's magnetosphere is the strongest among all rocky planets in the solar system.
3. Earth's plasmasphere is an inner part of the magnetosphere.

Which of the statements given above is/are correct?

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

Q33. Consider the following statements with reference to Marine Heat Waves:

1. These can occur both in summer or winter.
2. Weak winds can enhance the warming in a Marine Heat Wave.
3. Marine Heat Waves driven by the advection are typically shallower and shorter in duration.

How many of the above statements are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

Q34. Consider the following pairs:

Meteorological phenomenon	Description
1. Hadley cell	Atmospheric circulations between the equator and subtropics in both hemispheres
2. Ferrel cell	Atmospheric circulations between 30° and 60° latitudes in both hemispheres
3. Polar cell	Atmospheric circulations between 60° latitude and the poles in both hemispheres

How many of the pairs given above are correctly matched?

- (a) Only one pair
- (b) Only two pairs
- (c) All three pairs
- (d) None

Q35. Pratihana (modern Paithan, Maharashtra), served the apex political centre and the capital throughout the history of which one of the following dynasties?

- (a) Ikshvaku
- (b) Solanki
- (c) Satavahana
- (d) Kanva

Q36. Which of the following functions were performed by the shrenis in ancient India?

1. They procured raw material and distributed the finished product.
2. They served as banks, where rich men and women deposited money.
3. They financially supported the construction of religious institutions such as monasteries.

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

Q37. With reference to Kathakali, consider the following statements:

1. Its characters are broadly divided into satvika, rajasika and tamasika types.
2. It is the only classical dance that uses Hindustani music.
3. It is exclusively performed by women.

How many of the above statements are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

Q38. "Ankia Naat" is associated with which one of the following dance-drama traditions?

- (a) Kathak
- (b) Sattriya
- (c) Mohiniyattam
- (d) Manipuri

Q39. Which one of the following groups/organizations was formed post the Indian Ocean Tsunami and currently represents 24% of the world's population and represents 35% of the world's GDP and 18% of global trade?

- (a) AUKUS
- (b) BRICS
- (c) Quad
- (d) I2U2

Q40. Consider the following:

1. Dichlorodiphenyltrichloroethane (DDT)
2. Hexachlorobenzene
3. Polychlorinated Biphenyls (PCBs)
4. Chlordane

How many of the above chemicals are considered Persistent Organic Pollutants (POPs)?

- (a) Only one
- (b) Only two
- (c) Only three
- (d) All four

Q41. Consider the following statements:

1. Some mushrooms are edible.
2. Some mushrooms are poisonous.

3. Some mushrooms exhibit bioluminescent properties.

How many of the above statements are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

Q42. With reference to the crocodile species, consider the following statements:

1. The Gharials exhibit sexual dimorphism.
2. Unlike other crocodiles, estuarine crocodiles lay eggs by creating a mound.
3. All the three species of crocodiles in India are listed under Schedule I of the Wild Life (Protection) Act, 1972.

How many of the above statements are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

Q43. With reference to the Standing Deposit Facility (SDF), consider the following statements:

1. It enables commercial banks to deposit their excess liquidity with the Central Bank with a minimum collateral requirement.
2. Access to SDF is available at the discretion of the Central Bank.

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

Q44. The Reserve Bank of India (RBI) undertakes sterilization operations to:

- (a) increase the money supply in the economy during a financial crisis
- (b) neutralise the impact of its foreign exchange operations on the domestic money supply
- (c) control inflation by directly fixing interest rates
- (d) ensure foreign exchange reserves are not affected by fluctuations in the global market

Q45. With reference to the Monetary Policy Committee (MPC), consider the following statements:

1. It was instituted by the Central Government under the Reserve Bank of India (RBI) Act of 1934.
  2. The Governor of the RBI acts as the ex officio chairperson of the MPC.
  3. The Cabinet Secretary and Economic Affairs Secretary are part of the Selection Committee for the appointment of external members of the MPC.
- 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

Q46. Which among the following groups of states/UTs were ranked as the top three performers on the State Food Safety Index 2024?

- (a) Sikkim, Tamil Nadu, Jammu Kashmir
- (b) Kerala, Tamil Nadu, Jammu & Kashmir
- (c) Kerala, Maharashtra, Tamil Nadu
- (d) Sikkim, Kerala, Uttarakhand

Q47. In the first quarter of seventeenth century, in which of the following was/were the factory/factories of the English East India Company located?

1. Broach
2. Chicacole
3. Trichinopoly

Select the correct answer using the code given below:

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

Q48. With reference to the Third Battle of Panipat (1761), consider the following statements:

1. The immediate cause of Ahmad Shah Abdali's invasion was primarily in response to the Maratha's expansion into Punjab region.

2. The battle marked the collapse and end of the Maratha empire.

3. The alliance of Ahmad Shah Abdali with the Rohilla Afghans of the Doab and Shuja-ud-Daula, the Nawab of Awadh played a crucial role in his decisive victory over the Marathas.

Which of the statements given above are correct?

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

Q49. Consider the following statements with reference to the kingdoms of Bijapur and Ahmednagar in medieval India:

1. They were formed as a result of the disintegration of the Bahamani kingdom.
2. The Adil Shahi Dynasty was founded by Ismail Adil Shah of Bijapur.
3. Ahmednagar was established as an independent sultanate by Malik Ahmad Shah Bahri of the Nizam Shahi dynasty.

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

Q50. Consider the following pairs:

	<b>Battle</b>	<b>Outcome</b>
1.	Battle of Khanua, 1527	Babur proclaimed himself as "Emperor of Hindustan"
2.	Battle of Chausa, 1539	Sur empire was established
3.	Battle of Bilgram, 1540	Afghans were defeated by Akbar

How many of the above pairs are correctly matched?

- (a) Only one pair
- (b) Only two pairs
- (c) All three pairs
- (d) None

Q51. Consider the following statements:

1. Quantum entanglement is used to send communications faster than the speed of light.
2. Quantum key distribution allows secure communication through the exchange of encryption keys.

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

Q52. What is Llama 3.2?

- (a) A new blockchain-based cryptocurrency
- (b) A generative AI model
- (c) A cyber threat detection software
- (d) A cloud-based database management system

Q53. Consider the following statements with reference to the Neural Processing Unit (NPU):

1. It is a machine learning algorithm that mimics the human brain for processing data.
2. Unlike the Central Processing Unit, the NPU employs a sequential computing method to execute numerous calculations.

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

Q54. The 'Zombie fire' is a most common phenomena in which one of the following regions?

- (a) Coral reefs
- (b) Mid oceanic ridges
- (c) Deserts
- (d) Arctic

Q55. The term 'African Plume' refers to:

- (a) a series of rapid volcanic eruption in the Horn of Africa
- (b) a heat wave originating from Africa
- (c) warm winds carrying hot air from Africa to other

regions

- (d) a plume of smoke from African wildfires

Q56. Consider the following statements with reference to the adaptive radiation:

1. It is the diversification of species from a common ancestor into various ecological niches.
2. Ecological opportunity is always a prerequisite for adaptive radiation.
3. Australian Marsupial mammals exhibit adaptive radiation.

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

Q57. Consider the following statements with respect to the Right to Equality:

1. Equality before the law is a positive concept which means the absence of any special privileges in favour of any person.
2. Where equals and unequals are treated differently, Article 14 does not apply.

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

Q58. Which of the following are the unitary features of Indian Constitution?

1. Single constitution
2. Emergency Provisions
3. All-India Services
4. Integrated Election Machinery
5. Appointment of Governor

Select the correct answer using the code given below.

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

Q59. Which one of the following rights abolished untouchability and prohibits its practice as a fundamental right?

- (a) Right to constitutional remedies
- (b) Right to equality
- (c) Right to freedom
- (d) Right against exploitation

Q60. The horse latitudes are characterized by:

- (a) cold, wet climates near the poles
- (b) warm, dry climates between westerlies and trade winds
- (c) warm, humid climates with frequent rainfall near the equator
- (d) moderate, humid climates along coastal regions

Q61. Consider the following statements:

1. Katabatic wind occurs when cold, dense air moves down under the influence of gravity.
2. Anabatic wind is a warm wind that rises up mountain slopes due to warmer slope temperatures than the surrounding air.

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

Q62. Dew forms as a result of:

- (a) evaporation
- (b) condensation
- (c) deposition
- (d) sublimation

Q63. According to accounts of Hiuen Tsang on Harshavardhana, which of the following statements is/are correct?

1. He sent an embassy to China to establish diplomatic ties.

2. He was converted to the Hinayana sect of Buddhism.

3. Unlike the Guptas, his administration was more centralised in nature.

Select the correct answer using the code given below:

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

Q64. Consider the following statements:

1. Unlike Hindustani music, Carnatic music does not have any external influence.
2. Hindustani music follows only one particular prescribed style of singing.
3. Unlike Hindustani music, Carnatic music emphasizes equally on instruments and vocals.

Which of the statements given above is/are correct?

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

Q65. Consider the following statements with reference to the Colombo Process:

1. It is a Regional Consultative Process of migrant worker origin countries from South and Southeast Asia.

2. India has assumed the Chair of Colombo Process for 2024-26, for the first time since its inception.

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

Q66. Consider the following countries:

1. Russia
2. United Kingdom
3. India
4. North Korea
5. Israel

According to the SIPRI Annual Report 2024, which one of the following is the correct order of the above countries in descending order of their nuclear armaments?

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

Q67. Which of the following strategies can help control methane emissions from ruminants?

1. Addition of halogenated derivatives to the forage consumed by animals
2. Addition of ionophores to animal feed
3. Removal of Propionibacteria from the animal feed

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

Q68. Consider the following statements regarding the Regional Rural Banks (RRBs):

1. They were set up under the provisions of the Banking Regulation Act, 1949.
2. They offer banking and credit facilities both in rural and semi-urban areas.
3. They cannot raise capital from sources other than the Centre, States and sponsor banks.

Which of the statements given above is/are correct?

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

Q69. Consider the following statements with reference to the Varying Reserve Requirements:

1. They are imposed on commercial banks to regulate the money supply and credit availability in an economy.
2. Changes in the reserve requirements have less effect in the underdeveloped countries than in the more industrialized countries.

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

Q70. In the context of modern Indian History, consider the following statements:

1. Moamarias Revolt was a peasant-led movement against the British taxation policy in Assam.
2. Moamarias followed the teachings of Aniruddhadeva.

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

Q71. Consider the following statements:

1. The Nawab of Awadh was given the territories of Allahabad and Kara by the East India Company.
2. Shah Alam II issued a farman granting Diwani rights of Bengal, Bihar and Orissa to the East India Company.
3. The Nawab of Awadh agreed to pay war indemnity and acknowledged Balwant Singh's possession of Banaras.

Which of the above statements are correct with respect to the outcomes of the Treaty of Allahabad (1765)?

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

Q72. With reference to Neuromorphic computing, consider the following statements:

1. Unlike traditional computers, it can integrate processing and memory functions.
2. Unlike traditional computing methods, it can adapt and learn instantly.
3. It is widely used in audio and image recognition and robotics.

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

Q73. Which one of the following best describes a phenomenon in quantum theory whereby particles that interact with each other become permanently dependent on each other's quantum states and properties, to the extent that they lose their individuality?

- (a) Quantum contextuality
- (b) Quantum computing
- (c) Quantum nonlocality
- (d) Quantum entanglement

Q74. Which of the following statements is/are correct with reference to a parasite?

1. It obtains food without usually harming the host organism on which it feeds.
2. Fleas, ticks and mosquitoes are examples of parasites.

Select the correct answer using the code given below:

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

Q75. Consider the following statements with reference to the intraguild predation:

1. It occurs when a natural enemy feeds on another natural enemy to obtain a shared prey species.

2. It can decrease or eliminate resource competition.

3. It is a widespread phenomenon among arthropod food webs.

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

Q76. Consider the following statements regarding the State Human Rights Commission (SHRC):

1. The commission has no power to punish the violators of human rights, nor to award any relief including monetary relief to the victim.
2. The commission submits its annual or special reports to the governor of the state.

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

Q77. Which one of the following is the best description of 'Tidal Disruption Event', that was seen in the news recently?

- (a) It is a lapse in time interval between two diurnal tides.
- (b) It is a reversal in magnetism of Earth.
- (c) It is a gravity anomaly on surface of moon.
- (d) It is a destruction of a star by a black hole.

Q78. Articles 358 and 359 of the Indian Constitution deal with which of the following situations?

- (a) Proclamation of National Emergency under Article 352
- (b) Financial emergency under Article 360
- (c) President's rule under Article 356
- (d) President's rule under Article 365

Q79. Consider the following pairs:

Type of rain	Associated with
1. Convectional rain	Vertical movement of air due to the transfer of heat from Earth's surface to air
2. Cyclonic rain	Occurs when the warm and the cold air meet each other
3. Orographic rain	Condensation of the moisture over mountain slopes.

How many of the pairs given above are correctly matched?

- (a) Only one pair
- (b) Only two pairs
- (c) All three pairs
- (d) None

Q80. Consider the following statements:

1. The rainfall is more over the oceans than on the land masses of the world.
2. In the temperate zone, rainfall is heavier on the western coasts and goes on decreasing towards the east.
3. In the equatorial belt, rainfall is distributed evenly throughout the year.

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

Q81. Consider the following:

1. Loo
2. Foehn
3. Chinook
4. Mistral

How many of the above local winds result in a hot and dry climate?

- (a) Only one
- (b) Only two
- (c) Only three
- (d) All four

Q82. In which one of the following groups are all rabi crops for which the MSP is declared by the Government of India?

- (a) Masur, Bajra, Maize, Soybean
- (b) Masur, Rapeseed, Safflower, Barley
- (c) Rice, Wheat, Cotton, Gram
- (d) Jowar, Groundnut, Urad, Sunflower

Q83. Consider the following statements with reference to the Krishi Sakhi Convergence Program (KSCP):

1. It is one of the components of the 'Lakhpati Didi' program.
  2. It aims to impart training and certification of Krishi Sakhi as Para-extension Workers.
- 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

Q84. It was initially established as a large center of learning called 'Mahavihara'. It was the world's first residential university. It attracted scholars from all over India, China, Tibet, Persia and other parts of Asia. reached the peak of its fame and glory during the reign of the Pala dynasty in the 8th and 9th centuries CE.

This is the most likely description of:

- (a) Odantapuri University
- (b) Nalanda University
- (c) Vikramshila University
- (d) Valabhi University

Q85. Consider the following statements:

Statement-I: Fiat money does not have intrinsic value like a gold or silver coin.

Statement-II: The purchasing power of fiat money is derived from the relationship between supply and demand.

Which one of the following is correct in respect of the above statements?

- (a) Both Statement-I and Statement-II are correct and Statement-II explains Statement-I
- (b) Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I
- (c) Statement-I is correct, but Statement-II is incorrect
- (d) Statement-I is incorrect, but Statement-II is correct

Q86. Consider the following statements with reference to the types of banking:

1. Under full-reserve banking, banks are mandated to hold all money that they receive as demand deposits from customers in their vaults at all times.
2. Under fractional-reserve banking, banks can give loans from demand deposits.

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

Q87. Notre Dame Cathedral is a medieval Catholic cathedral located on an island in the Seine River. The cathedral is dedicated to the Virgin Mary and is a UNESCO World Heritage Site. In which of the following country, the Notre Dame Cathedral is located?

- (a) France
- (b) Italy
- (c) Germany
- (d) Russia

Q88. In the context of Modern Indian History during the first half of 1860s, consider the

following statements:

Statement-I: During this time, there was a the surge in cotton production in India.

Statement-II: There was a disruption of cotton production in the United States due to the onset of the American Civil War.

Which one of the following is correct in respect of the above statements?

- (a) Both Statement-I and Statement-II are correct and Statement-II explains Statement-I
- (b) Both Statement-I and Statement-II are correct and Statement-II does not explain Statement-I
- (c) Statement-I is correct but Statement-II is incorrect
- (d) Statement-I is incorrect but Statement-II is correct

Q89. Which of the following statements is/are correct with reference to Edge computing?

1. It enables the remote delivery of various models, including storage, servers and applications over the Internet.
2. It is primarily beneficial for latency-sensitive applications such as autonomous vehicles and real-time analytics.

Select the correct answer using the code given below:

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

Q90. Which one of the following best describes the term 'Cybersquatting'?

- (a) Gaining unauthorized access to a computer system
- (b) Registering a domain name to exploit a trademark or personal name for profit
- (c) Deceiving individuals through fraudulent emails to steal information
- (d) Creating fake social media profiles for impersonation

Q91. Which one of the following is not a saprotroph?

- (a) Bacteria
- (b) Fungi
- (c) Water mold
- (d) Virus

Q92. Consider the following statements with reference to the 'Reconciliation ecology':

1. It studies ways to encourage biodiversity in human-dominated ecosystems.
2. It is generally dominated by invasive alien species.
3. Agroforestry practices and stormwater treatment ponds are examples of reconciliation ecologies.

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

Q93. Which of the following services, at present, are regulated under Information Technology (Intermediary Guidelines and Digital Media Ethics Code) Rules, 2021?

1. Social media sites
2. Over-the-top (OTT) streaming services
3. Online gaming services
4. Digital news sites

Select the correct answer using the code given below.

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

Q94. Consider the following statements:

1. In the USA, a citizen by birth, as well as a naturalized citizen, is eligible for the office of President.

2. In India, only a citizen by birth and not a naturalized citizen is eligible for the office of President.

Which of the statements given above is/are not correct?

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

Q95. In the context of the Indian Constitution, consider the following statements regarding fundamental duties:

1. Fundamental Duties are confined to Indian citizens only.
2. Constitution does not provide any legal sanctions against their violation.

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

Q96. With reference to aerosols, consider the following statements:

1. They can modify the size of cloud particles in the lower atmosphere.
2. They act as nuclei for the polar stratospheric clouds during winters in the polar region.

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

Q97. Consider the following pairs:

Type of Drought	Characteristic
1. Meteorological Drought	Seasonal rainfall received is less than 75% of long-term average value
2. Hydrological Drought	Stream flows are inadequate to supply established use of water
3. Agricultural Drought	The productivity of a natural ecosystem fails due to shortage of water

How many of the pairs given above are correctly matched?

- (a) Only one pair
- (b) Only two pairs
- (c) All three pairs
- (d) None

Q98. Consider the following statements with reference to the Madden Julian Oscillation (MJO):

1. It is an equatorial travelling pattern of anomalous rainfall which is planetary in scale.
2. It is associated with both enhanced and suppressed tropical rainfall over the Indian Ocean and Pacific Ocean.
3. It is an eastward-moving tropical disturbance of clouds and rainfall, completing its cycle in 30–60 days.

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

Q99. Consider the following statements:

1. India currently imports about half of its annual requirement of bitumen.
2. India's Bitumen consumption has decreased in the last five years due to the use of organic materials as alternatives.

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

Q100. It is a type of manipulation activity that involves artificially inflating the price of a stock through false and misleading information, only to sell the stock at the inflated price and leave investors with significant losses. It is particularly prevalent in the micro-cap and small-cap sectors, where companies often have limited public information and trading volumes are lower.

This is the most likely description of:

- (a) Initial Public Offering
- (b) Front running
- (c) Pump and dump scheme
- (d) Short selling