



## GENERAL STUDIES (PAPER-I)

### PRE-PREEKSHAN-1

**Time Allowed: 2 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. This Test Booklet contains **100** items (questions). Each item is printed in **English Only**. 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.
3. You have to mark all your responses **ONLY** on the separate Answer Sheet (OMR sheet) provided. Read the directions in the Answer Sheet.
4. **All** items carry equal marks.
5. 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 contained therein.
6. 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 away with you the Test Booklet.
7. **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.



1. Consider the following pairs:

S.N.	Pre-historic sites	Location
1.	Keeladi	Guntur
2.	Lakhudiyar	Kumaon
3.	Kupgallu	Bellary

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

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

2. Consider the following statements with respect to the Indus Valley Civilization/Harappan Civilization:

- 1. Imprint of dog's paw on a brick is found in Dholavira.
- 2. Methods of field ploughing were in prevalence.
- 3. Wells and canals were used to irrigate agricultural lands.

Which of the statements given above is/are correct?

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

3. Asokan Pillars with capital figures have been found at which of the following places?

- 1. Basarah-Bakhira
- 2. Lauriya-Nandangarh
- 3. Rampurva
- 4. Sankisa

Select the correct answer using the code given below:

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

4. Consider the following statements:

- 1. *Uposatha* was the fortnightly meetings of the Jain assembly.
- 2. *Patimokkha* was Buddhist monastic code.

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

5. Which of the following statements is/are correct?

- 1. The Eran Inscription throws light on the Lakulisha Pashupata sect.
- 2. In the Lakulisha Pashupata sect, there was strong emphasis on Yoga.

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

6. In '*Das Muqami Rekhta*', the saint, in his own way, reproduces the whole story of Prophet Muhammad's Miraj (miracle journey), as developed in the later Muslim tradition. It is a symbolic path which the saint follows in his inward flights towards ineffable goal, like the butterfly towards the light. The saint is-

- (a) Dadu Dayal
- (b) Nizamuddin Auliya
- (c) Qutubuddin Bakhtiyar Kaki
- (d) Kabir

- 7.** Consider the following statements about Amir Khusrau:
1. In “Nuh Sipahr”, Amir Khusrau shows his fascination with India’s birds and animals, flowers and trees, its languages and the people.
  2. He invented the Sitar and many other instruments in addition to melodies, such as Tarana and Khayal compositions.
- 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
- 8.** The Jataka story painted at the Ajanta caves in which Boddhisattva is seen as removing his own tusk and giving it to the hunter, Sonuttar. It is related to which of the following?
- (a) Ruru Jataka
  - (b) Queen Mahadayi’s dream
  - (c) Chaddanta Jataka
  - (d) Kukkuta Jataka
- 9.** Consider the following statements:
1. The maintenance of public records was the salient feature of Harsha’s administration.
  2. Hiuen Tsang’s accounts mention the victory of Harshavardhana over Pulakesin II.
- Which of the statements given above are correct?
- (a) 1 only
  - (b) 2 only
  - (c) Both 1 and 2
  - (d) Neither 1 nor 2
- 10.** “The size of this city I do not write here, because it cannot all be seen from any one spot, but I climbed a hill whence I could see a great part of it; I could not see it all because it lies between several ranges of hills. What I saw from thence seemed to me as large as Rome, and very beautiful to the sight; there are

many groves of trees within it, in the gardens of the houses, and many conduits of water which flow into the midst of it, and in places there are lakes; and the king has close to his palace a palm-grove and other rich fruit-bearing trees.”

This is an excerpt from which of the following traveller’s description of Vijayanagara?

- (a) Fernao Nuniz
- (b) Domingo Paes
- (c) Duarte Barbosa
- (d) Abdur Razzaq

- 11.** Consider the following statements:

1. Buranjis are the texts of the Ahom dynasty which give historical information.
2. Maidams are the structures which preserve the mortal remains of the Ahom royalty.
3. Ahoms rule followed a forced labour system, called the Paik system.

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

- 12.** Which of the following statements are correct about the monotheists during Medieval India?

1. Most of the monotheists belonged to the low castes.
2. Most of them were aware of each other’s teachings and influences.
3. The monotheists followed a path which was independent of both dominant religions of the time - Hinduism and Islam.

Select the correct answer using the code given below:

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

**13.** Consider the following statements about the First Factory Act, 1881:

1. The First Factory Act, 1881, was passed during the reign of Lord Ripon.
2. The Act prohibited the employment of children under the age of nine.
3. It required that dangerous machinery should be fenced.

Which of the statements given above is/are correct?

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

**14.** Consider the following statements about the Indian Councils Act of 1861:

1. It initiated the process of decentralisation by restoring the legislative powers to the Bombay and Madras Presidencies.
2. It gave recognition to the 'portfolio' system.
3. It empowered the Viceroy to issue ordinances, without the concurrence of the Legislative Council, during an emergency.

Which of the statements given above is/are correct?

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

**15.** Consider the following statements about the Satyasodhak Samaj:

1. They did not believe that the Brahmins were required for rituals.
2. Ghulamgiri, the foundation text of the Satyasodhak Samaj, argued that the lower castes were the original inhabitants of India.

3. 'Deenbandhu' was the journal of the Satyasodhak Samaj.

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

**16.** Which of the following statements is/are correct about the Subsidiary Alliance System?

1. It was introduced by the British for the first time in India.
2. The Subsidiary Treaty Negotiation provided for non-interference by the East India Company in the internal affairs of the Subsidiary State.
3. Europeans could be employed by a Subsidiary State only after consultation with the Company.

Select the correct answer using the code given below:

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

**17.** Consider the following statements about Sawai Jai Singh:

1. He erected observatories at Delhi, Ujjain and Kolkata.
2. He drew up a set of tables, entitled Zij Muhammadshahi, to enable people to make astronomical observations.
3. He had Euclid's 'Elements of Geometry' translated into 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

18. With reference to Lord Ripon's Resolution of 1882, which of the following statements is **incorrect**?
- The powers of the municipalities were increased.
  - The Chairmen of the municipalities were to be non-officials.
  - District and Taluk Boards were created.
  - The local bodies were given executive powers with no financial resources of their own.

19. Consider the following statements about the Indian freedom struggle:

- During the Swadeshi Movement, the original idea behind the boycott of the British goods was to secure the sympathy of the British manufacturers.
- The Extremists encouraged co-operative organisations.
- A National Scheme of Education was to replace the boycott of the Government-controlled universities and colleges during the Swadeshi Movement.

Which of the statements given above are correct?

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

20. Which of the following pairs are **incorrectly** matched?

S.N.	Handicrafts and industries	Their famous place
1.	Lippan Kaam	Kashmir
2.	Papier mache	Kutch
3.	Bidri	Solan

Select the correct answer using the code given below:

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

21. Cartaz System was a sea-pass in the Indian Ocean region, including the Bay of Bengal in the early sixteenth century. The Cartaz entitled its holder freedom of movement in the Indian Ocean. It was introduced by which of the following?

- English
- Dutch
- Portuguese
- French

22. Which of the following can be attributed as the reasons for the birth of Indian Federalism having a strong Centre?

- Stem disintegration, and bring about social and political change.
- Presence of the Princely States at the time of Indian independence, aiming for independence.
- To ensure harmony in the functioning of the centre and the state governments.

Select the correct answer using the code given below:

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

23. Consider the following statements about the Inner Line Permit:

- The Inner Line Permit has no legislative backing.
- The provisions of the Citizenship (Amendment) Act, 2019, will not apply to the 6<sup>th</sup> Schedule areas and the Inner Line Permit states.

Which of the statements given above is/are correct?

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

**24.** Which of the following are the essential criteria for a country to be called 'republic'?

1. Head of the State is elected.
2. Absence of any privileged class.
3. Parliamentary form of government.

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

**25.** Consider the following statements about Kautilya's political thought:

1. The Saptanga theory gives importance to finances, army and forts for the stability of a State.
2. The king is considered to be the most important part of the Kautilya's polity.
3. The Mandala theory of Kautilya highlights how the nations should conduct their foreign policy.

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

**26.** Consider the following statements:

1. The term 'minority' has been defined in the Constitution.
2. Protection under Article 30 is confined only to the minorities.
3. The framers of the Constitution did not include any restrictions under Article 30.

Which of the statements given above is/are correct?

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

**27.** Which of the following are included in the Indian Constitution?

1. Time limit to ratify a Bill by the State Legislature in case of a Constitutional amendment affecting federal structure.
2. Legislative council also ratifies constitutional amendments affecting federal structure.

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

**28.** Which of the following statements is **incorrect** with respect to the Rajya Sabha's resolution to authorize the Parliament to make laws on the State List?

- (a) It should be passed by absolute majority.
- (b) It remains in force for a maximum period of one year.
- (c) It can be renewed any number of times, but not exceeding one year at a time.
- (d) This provision does not restrict the power of a State Legislature to make laws on the same matter.

**29.** Who of the following come under the Electoral College for the President?

1. The elected members of the Rajya Sabha.
2. The nominated members of the Lok Sabha.
3. The elected members of the Legislative Assemblies of the Union Territories of Delhi and Puducherry.
4. The nominated members of the State Legislative Assemblies.

Select the correct answer using the code given below:

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

**30.** On which of the following items the state governments have the exclusive power to levy taxes?

1. Supply of goods in the course of import or export
2. Agricultural income
3. Land revenue
4. Excise duty on tobacco

Select the correct answer using the code given below:

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

**31.** Consider the following statements about the Joint Sitting of the Parliament:

1. The power to summon the Joint Sitting upon a Bill is vested with the Cabinet.
2. In the absence of the Speaker, the Chairman of the Rajya Sabha presides over the Joint Sitting.
3. The Joint Sitting can only be called when a Bill passed by one House is rejected by the other House or there is a disagreement over amendments over a Bill.

Which of the statements given above is/are **incorrect**?

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

**32.** Consider the following statements about Money Bill:

1. The decision of the Speaker to qualify a Bill is final and there can be no judicial review of this decision.

2. Appropriation of funds out of the Consolidated Fund of India, the Contingency Fund of India and the Public Accounts of India can only be done by Money Bill.

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

**33.** Consider the following statements about internet shutdown in India:

1. The Government, in case of grave emergency or national security threat, can suspend internet for indefinite period of time, without approval from the Competent Authority.
2. The order to suspend internet by the Competent Authority must be forwarded to the Review Committee formed under the Temporary suspension of Telecom Services (Public Emergency or Public Safety) Rules, 2017.
3. The Review Committee constituted by the Central Government shall be chaired by the Union Home Secretary.

Which of the statements given above is/are correct?

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

34. Consider the following statements:

1. An arrested person has the right to be informed about the grounds of arrest and to be represented by a legal representative of his choice.
2. While arresting a person, the police cannot detain him for more than 48 hours, unless allowed or approved by the Judicial Magistrate.
3. The Judicial Magistrate may extend police custody of the accused upto 15 days.

Which of the statements given above are correct?

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

35. Which of the following can be categorized as "Public Authority" under the Right to Information Act, 2005?

1. An institution of self- government established or constituted under the Constitution or law made by the Parliament or the State Legislature.
2. Non-Government Organization, substantially financed, directly or indirectly by funds provided by the appropriate Government.
3. Any organization owned, controlled or substantially financed by any Pressure Group or Self Help Group.

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

36. Which of the following is **not** a voluntary provision of the 73<sup>rd</sup> Constitutional Amendment Act of 1992?

- (a) Endowing the Gram Sabha with the powers and functions at the village level.
- (b) Determining the manner of election of the Chairperson of the Village Panchayat.

- (c) Making the grants-in-aid to the Panchayats from the Consolidated Fund of the State.
- (d) Direct elections to all seats in the Panchayats at the village, intermediate and district levels.

37. Consider the following statements about the Governor of State:

1. He/she can appoint any member of the State Legislative Assembly to preside over its proceedings, when the offices of both the Speaker and the Deputy Speaker fall vacant.
2. He/she can withdraw an Ordinance anytime.
3. No demand for a grant can be made except on his recommendation.

Which of the statements given above is/are correct?

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

38. Which of the following statements are correct regarding the Attorney General for India?

1. He must be a person qualified to be appointed as a Judge of the Supreme Court.
2. In the performance of his duties, he has the right of audience in all Courts in India, as well as the right to take part in the proceedings of the Parliament.
3. The term of office of the Attorney General is fixed by the Constitution.

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

39. Consider the following statements with respect to the Mahatma Gandhi National Rural Employment Guarantee Act:
1. It provides only unskilled volunteer work to the adult members of a rural household.
  2. The type of work to be undertaken is decided by the District Collector.
  3. Social audit is taken up if it is demanded by the Gram Panchayat.
- Which of the statements given above is/are correct?
- (a) 1 only
  - (b) 3 only
  - (c) 1 and 2 only
  - (d) 2 and 3 only
40. Which of the following is/are the likely implication(s) of "Lazy Banking" by the Indian banks?
1. Increase in NPAs.
  2. Higher investment by the banks in Government Bonds.
  3. Decrease in credit creation.
- Select the correct answer using the code given below:
- (a) 1 only
  - (b) 2 only
  - (c) 2 and 3 only
  - (d) 1 and 3 only
41. Consider the statement: "*The rate of inflation in the present month of the year is extremely low due to high base effect.*" What does this statement denote?
- (a) The rate of inflation in the previous month was high.
  - (b) The rate of inflation in the corresponding month of the previous year was high.
  - (c) The rate of inflation in the present month is higher due to change in the base year.
  - (d) The rate of inflation in the corresponding month of the base year was high.
42. If the Gross Domestic Product (GDP) of a particular country "X" is equal to the Gross National Product (GNP), what does it *necessarily* denote?
- (a) The country "X" has adopted the 'closed economic model'.
  - (b) The country "X" does not receive any foreign investments.
  - (c) Net Factor Income from abroad for the country "X" is zero.
  - (d) The country "X" has adopted the 'open economic model'.
43. Which among the following steps the RBI/Government is **not** likely to take to counter Rupee Appreciation?
1. Enhancing FPI limit in G-Secs
  2. Buy Dollars from Market
  3. Liberalized norms on External Commercial Borrowings (ECBs)
- Select the correct answer using the code given below:
- (a) 1 and 2 only
  - (b) 3 only
  - (c) 1 and 3 only
  - (d) 1, 2 and 3
44. Which among the below is/are the likely benefits of Fixed-term employment introduced under the Industrial Relations Code 2020?
1. Greater Flexibility to Industries to manage their workforce.
  2. Increase in the permanent workforce in the Industries.
  3. Increase in Coverage of Social Security Benefits for the workers.
- Select the correct answer using the code given below:
- (a) 1 only
  - (b) 1 and 2 only
  - (c) 2 and 3 only
  - (d) 1 and 3 only

45. Consider a scenario: "In a particular country, agriculture has become unviable due to rising input costs and lower yields, leading to decline in the income levels of the farmers. In comparison, workers employed in the manufacturing sector earn almost 3 times that of the farmers. On account of this, a greater number of farmers give up agriculture and find employment in the manufacturing sector." Which of the following best describes the scenario in terms of opportunity cost?
- Opportunity cost for the farmers is higher.
  - Opportunity cost for the farmers is lower.
  - Opportunity cost for the worker in the manufacturing sector is higher.
  - Opportunity cost is the same for both the farmers and the workers.
46. Which of the following statements best describes the relationship between 'inflation' and 'employment' in a country?
- Increase in the rate of inflation leads to decrease in unemployment.
  - Increase in the rate of inflation leads to increase in unemployment.
  - Increase in the rate of inflation leads to decrease in unemployment to a certain level, and beyond that, unemployment remains constant.
  - Increase in the rate of inflation leads to increase in unemployment to a certain level, and beyond that, unemployment remains constant.
47. Which of the following statements is **incorrect** about the Micro-finance Sector?
- Micro-finance loans are given by the Scheduled Commercial Banks, Cooperative Banks and NBFC-MFIs.
  - Presently, the interest rate on the micro-finance loans is completely market determined.
  - The RBI's guidelines on micro-finance sector are applicable only to the NBFC-MFIs.
  - Presently, a single borrower cannot borrow from more than two NBFC-MFIs.
48. A particular curve shows relationship between economic growth and inequality. The curve is inverted U shaped, meaning that initially economic growth leads to greater inequality. Later, as the economy becomes more developed, the inequality starts to reduce. Which of the following curves highlights such a relationship between growth and inequality?
- The Lorenz Curve
  - The Kuznets Curve
  - The Engel Curve
  - The Rahn Curve
49. Consider the following statements about the Account Aggregator Framework:
- The Account Aggregators are regulated by the Ministry of Finance.
  - The Account Aggregators own the data, and can mine and process them.
- Which of the statements given above is/are correct?
- 1 only
  - 2 only
  - Both 1 and 2
  - Neither 1 nor 2
50. The New Arrangements to Borrow (NAB) is a financing arrangement related to which of the following?
- World Bank
  - International Monetary Fund
  - New Development Bank
  - Asian Development Bank

**51.** With respect to recent Telecom Reforms package, consider the following statements:

1. Both core and non-core revenues are included in the calculation of the Adjusted Gross Revenue of the telecom companies.
2. Spectrum Usage Charge is the largest duty imposed on the AGR of the telecom operators.

Which of the statements given above are correct?

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

**52.** Consider the following statements about the Scale Based Regulation, recently unveiled by the Reserve Bank of India (RBI):

1. These regulations deal with Scheduled Commercial Banks, Small Finance Banks and Non-Banking Financial Companies (NBFCs).
2. The regulatory structure shall comprise of four layers.
3. The top layer will comprise top 10 eligible entities in terms of their asset size.

Which of the statements given above is/are correct?

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

**53.** Consider the following statements about All India Financial Institutions (AIFI):

1. All AIFIs being regulated by the RBI have been established by statutory backing.

2. There are 9 All India Financial Institutions currently being regulated by the RBI.

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

**54.** Which of the following steps will be undertaken by authorities in the face of a raging inflation?

1. Removing structural bottlenecks in the economy
2. Increasing duties on imported goods
3. Increasing indirect taxes
4. Reducing the repo rate

Select the correct answer using the code given below:

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

**55.** Which among the following factors would lead to decline in Credit Deposit Ratio?

1. Higher Financial Savings with the Banks
2. Increase in Credit Creation in Economy
3. Sudden increase in the GDP Growth Rate

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

**56.** Which of the following statements is/are correct about G33?

1. The G33 is established prior to the 2003 Cancun Ministerial Conference of WTO.
2. It is a coalition of the developing countries which focuses on securing their interests on climate change financing.

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

**57.** Which of the following statements is/are correct?

1. Wind speed over water bodies is high and is consistent in direction.
2. Offshore wind is stronger during the daytime.

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

**58.** Consider the following statements about Geoid Low:

1. Geoid Lows are formed due to gravity anomalies.
2. The Indian Ocean Geoid Low (IOGL) is located close to the Madagascar Islands.
3. The IOGL is the lowest Geoid on the Earth.

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

**59.** Consider the following statements about the passes in India:

1. The Thal Ghat connects Mumbai with Pune.
2. The Bhor Ghat connects Mumbai with Nashik.
3. The Braganza Ghat connects Goa with Karnataka.
4. The Pal Ghat connects Cochin with Chennai.

Which of the statements given above are correct?

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

**60.** Consider the following statements regarding the Moon:

1. It is the only natural satellite of the Earth.
2. It revolves around the orbit of the Sun.

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

**61.** Which of the following pairs are correctly matched?

S.N.	Places in news	Country
1.	Agalega Island	Maldives
2.	Masirah	Oman
3.	Panjshir	Afghanistan
4.	Chengdu	Myanmar

Select the correct answer using the code given below:

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

62. Which of the following are the tributaries of the Godavari River?

1. Indravati
2. Bhima
3. Penganga
4. Pranhita

Select the correct answer using the code given below:

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

63. Which of the following statements are correct?

1. The Meghalaya Plateau is a part of the Peninsular Plateau.
2. Satpura range is a type of Fold Mountain.
3. Deccan plateau has volcanic origin.

Select the correct answer using the code given below:

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

64. Port Blair is located in which of the following islands?

- (a) Great Nicobar Island
- (b) Little Nicobar Island
- (c) South Andaman Island
- (d) Little Andaman Island

65. Which of the following statements is/are **incorrect**?

1. The presence of El-Nino certainly leads to drought situation in India.
2. The impact of El-Nino is restricted to the Pacific Ocean and the Indian Ocean only.

3. El-Nino is a cyclic event which follows a definite temporal scale.

Select the correct answer using the code given below:

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

66. "They swell and become sticky when wet and shrink when dried. So, during the dry season, these soils develop wide cracks. Thus, there occurs a kind of 'self-ploughing'. Because of this character of slow absorption and loss of moisture, the soil retains the moisture for a very long time, which helps the crops, especially the rain-fed ones, to sustain even during the dry season." This is most likely the description of which of the following?

- (a) Alluvial soils
- (b) Semi-arid soils
- (c) Red soils
- (d) Regur soils

67. Which of the following statements are correct?

1. Veld and Downs grasslands are the example of the Steppes grasslands.
2. Trees are very scarce in the Steppe's regions, because of the scanty rainfall.
3. Towards the Equator, the Steppe grass becomes shorter and sparser.

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

68. Which of the following statements is/are correct?

1. Halocarbons containing bromine usually have much higher ozone-depleting potential, than those containing chlorine.
2. HCFCs (hydrochlorofluorocarbons) release much less chlorine per molecule.

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

69. Which of the following statements is/are correct about the Slender Loris?

1. The Slender Loris is secretive and has nocturnal habits.
2. It usually travels from the canopy of one tree to another.
3. It has been brought under Schedule I of India's Wildlife (Protection) Act, 1972.

Select the correct answer using the code given below:

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

70. Consider the following statements about the E-Waste Management Rules, 2016:

1. Components and spare parts of electronics items are not covered under the Rules.
2. Collection of e-waste is exclusively the responsibility of the producers.
3. Extended Producer Responsibility authorization is given by the State Pollution Control Boards.

Which of the statements given above is/are **incorrect**?

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

71. Consider the following statements about the Basel Convention:

1. Plastic waste is not tackled under the Convention.
2. The 'Basel Ban' Amendment bans the exports of hazardous waste to all developing countries.

Which of the statements given above are correct?

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

72. Consider the following pairs:

1.	Bhindawas Sanctuary	Wildlife	Haryana
2.	Thol Lake Sanctuary	Wildlife	Gujarat
3.	Wadhvana Wetland		Punjab

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

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

73. Which of the following correctly defines "primary production"?

- (a) Amount of biomass or organic matter produced per unit area over 100 years by the plants during respiration.
- (b) Amount of biomass or organic matter produced per unit area over a time period by the secondary consumers.
- (c) Amount of biomass or organic matter produced per unit area over a time period by the plants during photosynthesis.
- (d) Amount of biomass or organic matter produced per unit area over a time period by the primary consumers.

**74.** Which of the following statements is/are correct?

1. India has set a target of being Net Zero by 2050.
2. Net Zero aims at reducing the CO<sub>2</sub> emissions only.

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

**75.** With respect to the 'global dimming', consider the following statements:

1. It refers to the substantial declines in the amount of the Sun's energy reaching the Earth's surface.
2. It is only due to the changes in the Sun's luminosity.

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

**76.** The Carbon Border Adjustment Mechanism is a fiscal method to address climate change. It was introduced by which of the following organization/countries?

- (a) The European Union
- (b) The USA
- (c) China
- (d) Japan

**77.** Which of the following statements is/are correct regarding the Global Climate Risk Index (GCRI)?

1. It is published annually by the United Nations Environment Programme (UNEP).
2. GCRI ranks countries on the basis of their impacts of weather-related loss events.

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

**78.** India's first Dugong Conservation Reserve will be built in which of the following states?

- (a) West Bengal
- (b) Kerala
- (c) Odisha
- (d) Tamil Nadu

**79.** Which of the following targets are correct regarding the "Panchamrit Strategy", as unveiled by India recently?

1. To raise the non-fossil fuel-based energy capacity of the country to 5000 GW by 2030.
2. To reduce carbon intensity of the economy to less than 45% by 2030.

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

**80.** "The Wildlife Sanctuary is rich in coal and oil – and is believed to be the last remaining contiguous patch of lowland rainforest area in Assam. The area is especially a draw for the ornithologists, since it is said to have the highest concentration of the rare endangered White Winged Wood Duck. It was recently notified as a National Park."

The above paragraph is talking about which of the following Wildlife Sanctuaries/National Parks?

- (a) Kaziranga National Park
- (b) Orang National Park
- (c) Manas National Park
- (d) Dehing Patkai National Park

**81.** “Landraces” term, recently seen in the news, is related to:

- (a) Ethnic groups belonging to cultural hearths.
- (b) Commercial crops which are grown over vast stretches of land.
- (c) Invasive species which outcompete the native breeds.
- (d) Naturally occurring variants of commonly cultivated crops.

**82.** The Climate Finance Leadership Initiative is launched by which of the following?

- (a) The Intergovernmental Panel on Climate Change (IPCC)
- (b) The United Nations Framework Classification for Resources (UNFC)
- (c) France and the United Kingdom
- (d) India and the United Kingdom

**83.** Which of the following statements is/are correct about the Green Status of Species?

- 1. The World Wide Fund for Nature launched the Green Status of Species.
- 2. The Green Status of Species reports not only a species’ current Green Score and corresponding recovery category, but also how conservation actions have affected the current status.

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

**84.** Which of the following statements is/are correct about the ‘Red Tide’?

- 1. A ‘Red Tide’ is a common term used for a harmful algal bloom.
- 2. It is caused by the microscopic algae that produce toxins that kill fish and make shellfish dangerous to eat.

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

**85.** Consider the following statements about Salt marshes:

- 1. They are coastal wetlands that are flooded and drained by salt water brought by tides.
- 2. They are mostly found in tropical and equatorial areas.
- 3. India has no presence of salt marshes.

Which of the statements given above is/are correct?

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

**86.** Which of the following statements is/are correct about Western tragopan?

- 1. Western tragopan is related to the pheasant family.
- 2. It lives in the high altitudes of the Himalaya.
- 3. It is the state bird of Arunachal Pradesh.

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

**87.** Coupled Model Intercomparison Project (CMIP), recently in news, is related to which of the following?

- (a) Biodiversity
- (b) Climate change
- (c) Air Pollution
- (d) Artificial Intelligence

**88.** Which of the following is used for removing Methane from Atmosphere?

1. Afforestation
2. Iron Salt aerosols
3. Titanium Oxide
4. Porous Polymer Networks
5. Biotrickling filters

Select the correct answer using the code given below:

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

**89.** Which of the following are common water pollutants?

1. Streptococcus faecalis
2. Polychlorinated biphenyls
3. Methylmercury

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

**90.** Super enzyme formed by stitching MHETase and PETase, sometime seen in news, has been found to be effective in?

- (a) Removal of excessive pesticides from soil
- (b) Faster Biodegrading of farm stubble
- (c) Breaks polymeric Plastic Waste into monomers
- (d) Efficient ripening of fruits

**91.** Which of the following is/are the application(s) of the transparent ceramics?

1. Optical fibres

2. Infrared night vision
3. Thermal imaging

Select the correct answer using the code given below:

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

**92.** Which of the following statements are correct about the Medicines Patent Pool (MPP)?

1. The Medicines Patent Pool (MPP) is a United Nations-backed public health organization.
2. The MPP's mandate is to accelerate access to affordable quality treatments for the people living with HIV, hepatitis C and tuberculosis.
3. COVID-19 treatments are included in the MPP's mandate.

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

**93.** Consider the following statements:

1. Tricyclazole is a fungicide used in rice.
2. Buprofezin is an insecticide which is toxic to the aquatic organisms.

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

**94.** Consider the following statements about Aflatoxins:

1. They are produced by the fungi present in the crops, such as maize.
2. They are associated with stunted growth and delayed development in children.

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

**95.** Consider the following statements:

1. The term “hypersonic” describes any speed faster than four times that of sound.
2. Hypersonic cruise missiles are highly manoeuvrable and they fly at lower altitudes, making them more difficult to detect.

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

**96.** Which of the following statements is / are correct about Laser Communications Relay Demonstration (LCRD)?

1. LCRD is a technology demonstration that will pave the way for future optical communications missions.
2. LCRD can only undertake one way communication from space missions to ground stations.

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

**97.** Consider the following statements about Solar Panels:

1. In hot climate, crystalline Silicon based solar modules degrade slower than in cold climates.
2. Roof mounted solar modules have lower degradation rate as compared to ground mounted solar modules.
3. Young solar modules have higher degradation rate as compared to old solar modules.

Which of the statements given above is/are correct?

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

**98.** Consider the following statements:

1. An antineutrino has no electric charge.
2. The Glashow resonance is a way to identify an electron antineutrino.
3. IceCube Neutrino Observatory is buried under a huge mass of Antarctic ice and is designed to detect ultra-high-energy (UHE) neutrinos from outer space.

Which of the statements given above is/are correct?

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

**99.** Consider the following statements about Prime Editing:

1. It is a targeted gene editing technique that can focus on specific DNA sites.
2. It can facilitate gene editing without breaking both strands of DNA.
3. It has reduced incidence of unwanted or random by-products of genome editing as compared to CRISPR.

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

**100.** Consider the following pairs:

1.	TR-4 disease	Sugarcane
2.	Karnal Bunt	Rice
3.	Fall Armyworm	Maize
4.	Pink Bollworm	Cotton

Which of the above diseases are correctly matched with the crops affected by them?

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