

VAJIRAM & RAVI

StepUp Mentorship Program 2026 Scholarship Test TEST BOOKLET

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 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. You have to enter your Roll Number on the Test Booklet in the Box provided alongside.
DO NOT write *anything else* on the Test Booklet.
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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.
 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. **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 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. Which of the following principles generally apply in direct democracy?
1. Inalienability of the sovereignty of the people
 2. Representatives can be recalled by the people
 3. People make decisions directly through a referendum
 4. Removal of distinction between State and civil society
- Select the correct answer using the code given below:
- (a) 2, 3 and 4 only
(b) 1, 2, 3 and 4
(c) 1 and 3 only
(d) 1, 2 and 4 only
2. Which of the following were 'reserved subjects' under the Government of India Act, 1919?
1. Health
 2. Law and order
 3. Local government
 4. Land revenue
 5. Irrigation
- Select the correct answer using the code given below:
- (a) 1 and 2 only
(b) 2, 3 and 4 only
(c) 1, 3 and 5 only
(d) 2, 4 and 5 only
3. Which one of the following Acts established a system of dual Government in British India?
- (a) Regulating Act of 1773
(b) Pitt's India Act of 1784
(c) Charter Act of 1813
(d) Charter Act of 1853
4. Consider the following statements regarding the Directive Principles of State Policy (DPSP):
1. They resemble the 'Instrument of Instructions' enumerated in the Government of India Act, 1935.
 2. They act as guidelines for both legislative as well as executive organs 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
5. Consider the following statements:
The Right to Property is a:
1. Fundamental Right under Part III of the Constitution of India
 2. Legal Right as per Article 300A of the Constitution of India
 3. Human Right under Universal Declaration of Human Rights
- 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
6. Consider the following statements regarding the executive powers of the President of India:
1. S/He can make rules for the more convenient transactions of business of the Union Government.
 2. S/He can make rules specifying the manner in which the orders executed in her/his name shall be authenticated.
 3. S/He can seek any information relating to the administration of affairs of the Union.
- 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

7. Consider the following statements:

1. Unlike the Vice President of the United States, the Vice President of India assumes the office of the President when it falls vacant for the remaining term.
2. The Vice President of the United States serves as the President of the Senate while the Vice-President of India is the ex-officio Chairperson of the Rajya Sabha.

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. Consider the following statements:

Statement-I:

A Prime Minister cannot vote in her/his favour during a no-confidence motion if s/he is a member of the Rajya Sabha.

Statement-II:

A Member of Parliament can only vote in the House of Parliament where s/he is a member.

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

9. Consider the following statements regarding Cabinet Committees:

1. They are not mentioned in the Constitution of India.
2. They are set up by the President.
3. Only Cabinet Ministers are members of such committees.

Which of the statements given above is/are correct?

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

10. Which of the following bills lapse in the case of the dissolution of the Lok Sabha?

1. A bill pending in the Lok Sabha
2. A bill passed by the Lok Sabha but pending in the Rajya Sabha
3. A bill pending in the Rajya Sabha but not passed by the Lok Sabha
4. A bill passed by both Houses but pending assent of the President

Select the correct answer using the code given below:

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

11. Consider the following statements with reference to the No-Confidence Motion and Censure Motion:

1. A No-Confidence Motion should state the reasons for its adoption in the Lok Sabha while a Censure Motion need not do so.
2. While the Censure Motion can be moved against an individual minister, the No-Confidence Motion can be moved against the entire Council of Ministers only.
3. If a Censure Motion is passed in the Lok Sabha, the Council of Ministers need not resign from office while they must resign in case of a No-confidence motion.

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. Consider the following statements:

Statement-I:

The President's Rule can be imposed if the government of a State cannot be carried on in accordance with the provisions of the Constitution.

Statement-II:

As per Article 355 of the Constitution, the Centre has to protect every State against external aggression and internal disturbance.

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

13. Consider the following statements regarding the Senior Advocates in the Supreme Court of India:

1. A person to be designated as a Senior Advocate should have ten years of practice and service as a judicial officer.
2. The Committee for Designation of Senior Advocates is headed by the Chief Justice 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

14. Consider the following:

1. Supreme Court Legal Services Committee
2. High Court Legal Services Committee
3. State Legal Services Authority
4. Taluk Legal Services Committee

How many of the above can organise Lok Adalats in India?

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

15. With reference to the Finance Commission of India, consider the following statements:

1. It is a quasi-judicial body.
2. Its members hold office for a fixed period of five years.
3. Its members are eligible for re-appointment.
4. Its recommendations are binding on the Government.

How many of the above statements are correct?

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

16. Consider the following subjects:

1. Education
2. Alcoholic liquors
3. Trade Unions
4. Forests

How many of the above are listed in the Concurrent List under the Seventh Schedule of the Constitution of India?

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

17. The administration of the Contingency Fund of India is vested with which one of the following authorities?

- (a) Secretary to the Department of Economic Affairs on behalf of the President
- (b) Secretary to the Department of Revenue on behalf of the Parliament
- (c) Secretary to the Department of Economic Affairs on behalf of the Parliament
- (d) Secretary to the Department of Revenue on behalf of the President

18. With reference to the Metropolitan Planning Committee (MPC), consider the following statements:

1. It is set up for metropolitan areas that have a population of more than 10 lakh.
2. It is responsible for preparing the draft development plans for the metropolitan area.
3. Two-thirds of its members are elected by the elected members of the Municipalities and Chairpersons of the Panchayats within its area.
4. The State Legislature can provide for the Central Government representation in the MPC.

How many of the above statements are correct?

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

19. Consider the following statements with reference to the election candidates in India:

1. A maximum of two nomination papers can be filed by a candidate or on his behalf for a constituency.
2. A candidate is required to make a separate security deposit for each of the nomination papers filed from the same constituency.

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

20. Consider the following statements regarding the Asian Development Bank (ADB):

1. ADB has more than 100 members.
2. China is the largest shareholder in the Bank.
3. Membership of ADB is open to regional countries and non-regional developed countries.
4. Its headquarters is located in Manila, Philippines.

How many of the above statements are correct?

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

21. Consider the following:

1. Global Competitiveness Report
2. Global Information Technology Report
3. Global Financial Stability Report
4. Financial Development Report

How many of the above are published by the World Economic Forum (WEF)?

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

22. Consider the following statements:

1. The mixed economy is characterised by the coexistence of private ownership and State ownership of the means of production.
2. In the socialist economy, the government plays a regulatory role to ensure welfare and equal opportunity to the people in a society.
3. The capitalist economic system can lead to inequalities of wealth and income in an economy.

How many of the above statements are correct?

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

23. Which of the following undergo depreciation?

1. Investments in bonds
2. Machines
3. Land
4. Office buildings
5. Vehicles

Select the correct answer using the code given below:

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

24. Consider the following statements with reference to the opportunity cost:

1. It is the potential benefit that an individual loses while making one choice of an alternative over others.
2. It helps maximize economic efficiency by selecting the best investment opportunities.
3. It is included in accounting profit as well as in the external financial reporting made by a company.

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

25. Consider the following statements with reference to the tax-to-GDP ratio in an economy:

1. Developed countries generally have higher tax-to-GDP ratios than developing countries.
2. Countries with large informal sectors tend to have lower tax-to-GDP ratios.
3. Certain countries that serve as tax havens often have high tax-to-GDP ratios.

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. Which one of the following best describes the concept of a 'circular economy'?

- (a) An economy focused solely on reducing production costs
- (b) An economic model that involves reusing and recycling existing materials as long as possible
- (c) A system where resources are extracted, used and discarded as waste
- (d) A traditional approach to maximize short-term profits through mass production

27. With respect to the Reserve Bank of India (RBI), which of the following statements is/are correct?

1. It was established on the recommendations of the Hilton-Young Commission, 1926.
2. Originally, RBI was privately owned but it was nationalized in 1949.
3. It is responsible for keeping monetary reserves with a view to securing monetary stability of the country.

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

28. Consider the following statements:

1. A person may refuse to accept the payment through a limited legal tender money beyond a certain limit.
2. Coins are unlimited legal tender in 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

29. Which of the following assets are **not** included under the Statutory Liquidity Ratio (SLR)?

1. Government securities
2. Cash
3. Corporate bonds
4. Loans and advances
5. Equity shares

Select the correct answer using the code given below:

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

30. 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

31. 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

32. Consider the following statements:

1. Grants for creation of capital assets form the part of effective revenue deficit.
2. A high fiscal deficit is an indicator of future liabilities of the government.
3. Primary deficit occurs when a government spends more than it earns from taxes and other sources.

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

33. With reference to 'Anchor Investors', consider the following statements:

1. They subscribe to the shares before the Initial Public Offer opens.
2. They are required to take up the share at a fixed price.
3. They can sell their shares within 10 days after the allotment.

Which of the statements given above is/are correct?

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

34. Consider the following statements with reference to the public issues of shares:

1. An Initial Public Offer (IPO) is the issuance of shares for the first time by a private company.
2. Only those companies, which have been listed on the exchanges before, can go for an Follow-on-Public Offer (FPO).
3. The IPO is generally less profitable and less riskier than the FPO.

Which of the statements given above is/are correct?

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

35. Which of the following factors are most likely to contribute to the currency depreciation in an economy?

1. Interest rate differentials
2. Political instability
3. Risk aversion among investors

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. A country 'X' considers imposing a specific form of duty on solar panel imports from country 'Y'. This is to protect domestic producers by countering the negative impact of subsidies provided by country 'Y'. Which one of the following duties is imposed by country 'X' in the above situation?

- (a) Anti-dumping duty
- (b) Safeguard duty
- (c) Countervailing duty
- (d) Additional customs duty

37. Consider the following statements with reference to the a reverse currency war:

1. It is a situation in which the Central Banks work for currency appreciation.
2. Its main goal is to help control inflation rather than boosting growth.

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

38. Consider the following statements with reference to the ecological succession:

1. Unlike autogenic succession, the allogenic succession deals with modification of an ecosystem by the living beings through their growth, death and decay.
2. A succession in a highly disturbed or eroded area is an example of allogenic succession, whereas replacement of one kind of community with another depicts autogenic succession.

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

39. Consider the following statements with reference to the perfect nutrient cycle:

1. In a perfect nutrient cycle, the nutrients are replaced as fast as they are used up.
2. Sedimentary nutrient cycles are considered perfect cycles, unlike the gaseous nutrient cycles.
3. Calcium cycle and sulphur cycle are examples of the perfect nutrient cycles.

Which of the statements given above is/are correct?

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

40. Consider the following:

1. Azotobacter
2. Anabaena
3. Nostoc
4. Pseudomonas

How many of the above are nitrogen fixing bacteria?

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

41. Consider the following statements with reference to the 'phagotrophs':

1. Unlike autotrophs, they cannot produce their own food.
2. Some planktons are phagotrophs of the ocean ecosystem.

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

42. Consider the following:

1. Migratory birds getting distracted to wrong routes
2. Increase in pollination activities by insects
3. Change in physiology and behaviour of bats
4. Species becoming more vulnerable to predators

How many of the above are the likely impacts of Artificial Light at Night (ALAN) on biodiversity?

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

43. Which of the following statements is/are correct with reference to the Biochemical Oxygen Demand (BOD)?

1. It is the amount of oxygen needed by the microorganisms to biologically degrade the wastes.
2. A higher value of BOD indicates a low Dissolved Oxygen (DO) content of water. 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

44. Consider the following:

1. Synthetic rubber
2. Coal ash
3. Leather
4. Silver foils

How many of the above are biodegradable pollutants?

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

45. Which one of the following is **not** a herbivore?

- (a) Dugong
- (b) Hangul
- (c) Lion-tailed macaque
- (d) Nilgiri tahr

46. Which one of the following statements best describes the term 'Edge effect'?

- (a) It refers to the changes in population or community structures that occur at the boundary of two habitats.
- (b) It refers to the impact of climate change on the boundaries of ecosystems.
- (c) It refers to the influence of human activities on forest edges leading to habitat loss.
- (d) It refers to the migration of species from one ecosystem to another due to environmental stress.

47. Consider the following statements with reference to Angiosperms and Gymnosperms:

1. The gymnosperms are the plants in which ovules are not enclosed by any ovary wall.
2. Only angiosperms produce flowers and fruits.
3. The dicotyledons and the monocotyledons are types of angiosperms.

How many of the above statements are correct?

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

48. Consider the following information:

	Wetland	Type	Feature
1.	Ropar	Artificial	Breeding place for the nationally protected Smooth Indian Otter
2.	Bhoj	Artificial	Added to the Montreux Record
3.	Hokera	Natural	Only site with remaining reedbeds of Kashmir

In how many of the above rows is the given information correctly matched?

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

49. Consider the following statements:

Statement-I:

Forest fire increases soil fertility.

Statement-II:

Nutrients released from the burned material return more quickly into the soil than if they had slowly decayed over time.

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

50. The Brundtland Commission Report of 1983 was related to:

- (a) monitoring the air quality in Tier one cities across the globe
- (b) controlling the manufacturing of chemical pesticides
- (c) dumping of hazardous waste
- (d) sustainable development

51. Consider the following statements with reference to the Sixth Assessment Report (AR6) of the IPCC:

1. The land-use changes have contributed to the global greenhouse gas emissions to increase continuously.
2. The Arctic region has witnessed global warming higher than the world average.
3. The overall temperature rise over oceans is much higher than over land.

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

52. The Deccan Traps in India are an example of:

- (a) Flood basalt
- (b) Dome volcano
- (c) Ash-flow tuff
- (d) Caldera

53. Consider the following pairs:

	Ocean Relief Feature	Description
1.	Seamount	Found near the boundaries of Earth's tectonic plates
2.	Submarine Canyon	Flat-topped seamounts
3.	Guyot	Steep-sided valleys that cut into continental rises
4.	Atoll	Low islands of coral reefs in the tropical oceans

How many of the pairs given above are correctly matched?

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

- 54.** The term "Polar-fleeing force" is associated with which of the following phenomena?
- Earth's rotation
 - Gravitational forces of the Sun and Moon on Earth
 - Tidal interactions in coastal regions
 - Coriolis effect observed near the poles
- 55.** Consider the following statements:
- The Coriolis force deflects winds towards the right in the northern hemisphere and towards the left in the southern hemisphere.
 - The pressure gradient force becomes weaker where the isobars are close to each other.
 - The Coriolis force is zero at the equator.
- Which of the statements given above are correct?
- 1 and 2 only
 - 2 and 3 only
 - 1 and 3 only
 - 1, 2 and 3
- 56.** The horse latitudes are characterized by:
- cold, wet climates near the poles
 - warm, dry climates between westerlies and trade winds
 - warm, humid climates with frequent rainfall near the equator
 - moderate, humid climates along coastal regions
- 57.** Consider the following statements with reference to the El Niño-Southern Oscillation (ENSO) cycle:
- During El Nino, trade winds are weakened and warm water is pushed back to the west coast of the Americas.
 - El Nino causes an increase in rainfall over the eastern tropical Pacific Ocean.
- Which of the statements given above is/are correct?
- 1 only
 - 2 only
 - Both 1 and 2
 - Neither 1 nor 2

- 58.** Consider the following:

- Spratly Islands
- Paracel Islands
- Scarborough Shoal
- Okinawa Islands

How many of the above are located in the South-China Sea?

- Only one
- Only two
- Only three
- All four

- 59.** What is common to the places known as Jaduguda, Narwapahar and Turamdih?

- Uranium ore processing plants
- Nuclear fuel processing facilities
- Copper ore mines
- Crude oil reserves

- 60.** Consider the following pairs:

	River	Flows into
1.	Rhine	North Sea
2.	Euphrates	Persian Gulf
3.	Volga	Black Sea
4.	Danube	Caspian Sea

How many of the pairs given above are correctly matched?

- Only one pair
- Only two pairs
- Only three pairs
- All four pairs

- 61.** The Sukri, Jojari and Jawai are the tributaries of:

- Sabarmati
- Banganga
- Luni
- Berach

- 62.** Consider the following statements:

- The Tibetan Plateau was formed by the collision of tectonic plates while the Deccan Plateau was formed due to ancient volcanic activity.
- The Tibetan Plateau has a higher average elevation than the Deccan Plateau.

Which of the statements given above is/are correct?

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

63. Which one of the following is an example of a plateau in India, with one being a Piedmont Plateau?

- (a) Meghalaya Plateau
- (b) Kolar Plateau
- (c) Malwa Plateau
- (d) Deccan Plateau

64. Consider the following statements with reference to the Indian Meteorological Department (IMD) guidelines on heatwave:

1. It is declared when the maximum temperature departure is 2 degrees celsius than normal in coastal regions.
2. Severe heatwave is declared in the plains when actual maximum temperatures reach 47 degrees Celsius or more.

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

Therefore, option (b) is the correct answer.

65. In tropical regions particularly in northern India, during summer season local winds called 'loo' is the outcome of:

- (a) radiation
- (b) advection
- (c) conduction
- (d) convection

66. Consider the following statements:

1. Alluvial soil is generally rich in potash but poor in phosphorus.
2. Black soils are rich in lime, iron, magnesia and alumina.
3. Laterite soils are poor in iron oxide and potash.

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

67. Consider the following statements regarding Littoral and Swamp Forests in India:

1. They can survive and grow in both fresh and brackish water.
2. Palms and screw pines are the predominant tree species in these forests.
3. Myristica swamps are found in the Andaman and Nicobar Islands of India.

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

68. With reference to the Indus Valley Civilisation, 'Dilmun', 'Magan' and 'Meluhha' were:

- (a) terracotta sculptures
- (b) script symbols
- (c) trading centers
- (d) regional deities

69. Consider the following statements with reference to the Vedic literature:

1. All the four vedas are a type of Shruti literature.
2. The Upanishads contain abstract discussions of ultimate philosophical problems.
3. The Aranyakas were taught by men in Vanprastha and dealt with life beyond death.

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

70. Consider the following pairs:

	Term	Description
1.	<i>Therigatha</i>	Female Buddhist monastic
2.	<i>Bhikkhuni</i>	Songs of religious lyrical poetry
3.	Basadis	Jaina temples

How many of the above pairs are correctly matched?

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

71. Arrange the following dynasties in correct sequence of their arrival in India:
1. Parthians
 2. Kushanas
 3. Sakas
 4. Bactrians
- Select the correct answer using the code given below:
- (a) 3 - 1 - 2 - 4
 - (b) 4 - 2 - 3 - 1
 - (c) 3 - 2 - 1 - 4
 - (d) 4 - 3 - 1 - 2
72. 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
73. With reference to Samudragupta, consider the following statements:
1. He launched the Aryavarta campaign with an aim to conquer the kingdoms of northern India.
 2. He acknowledged the autonomy of the kingdoms of Nepal, Kamarupa and Simhala.
 3. He built the famous Nalanda University.
- How many of the above statements are correct?
- (a) Only one
 - (b) Only two
 - (c) All three
 - (d) None
74. The 'Kudavolai System' during the Cholas was associated with which one of the following?
- (a) Village elections
 - (b) Educational institutions
 - (c) Justice delivery
 - (d) Maintenance of army
75. Consider the following statements with reference to the Rashtrakutas:
1. The '*Visaya*' and '*Bhuktis*' were the administrative units.
 2. Portrait images of feudatories as *dvarapalakas* in temples of the capital city were installed.
 3. The vaishyas were elevated to the status of the Kshatriyas due to the prosperity of commerce.
- 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
76. Which one of the following Mughal rulers established the dah-bisti system in military administration?
- (a) Babur
 - (b) Akbar
 - (c) Shah Jahan
 - (d) Aurangzeb
77. Consider the following statements with reference to the Foreign travelers who visited the Vijayanagara empire:
1. Abdur Razzaq mentioned that Vijayanagara was one of the most splendid cities in the world.
 2. Nicolo de Conti gave accounts on the topography, military administration and politics.
 3. Fernao Nuniz gave accounts of the Dasara festival.
- 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

- 78.** With reference to prehistoric cave paintings, consider the following statements:
1. The Lakhudiyar cave paintings depict human figures in stick-like forms.
 2. The Bhimbetka cave paintings portray both everyday life scenes and sacred imagery.
- 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
- 79.** Which characteristic feature defines Mughal paintings during Jahangir's reign?
- (a) Depicting the scenes of court life than the life of the masses
 - (b) Encouraged the artists to draw and sketch using a pencil
 - (c) Used formalist style with broad and decorated margins
 - (d) Encouraged the use of calligraphy in the paintings
- 80.** Consider the following statements with reference to the Portuguese rule in India:
1. Francisco de Almeida is credited with abolishing Sati under his rule.
 2. Alfonso de Albuquerque developed the cartaz system.
 3. Nuno da Cunha established Hooghly as Portuguese headquarters.
- Which of the statements given above is/are correct?
- (a) 1 and 2 only
 - (b) 2 only
 - (c) 2 and 3 only
 - (d) 3 only
- 81.** Consider the following statements with reference to Pitt's India Act of 1784:
1. It sanctioned a fund of Rupees one lakh for the purposes of education in India.
 2. It led to formal recognition of the British parliamentary right to control Indian Affairs.
- 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

- 82.** With reference to judicial reforms in British India, consider the following statements:
1. William Bentick abolished the Circuit Courts and transferred their functions to collectors.
 2. Cornwallis made government officials answerable to civil courts for their official actions.
- 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
- 83.** With reference to the Sanyasi Rebellion, consider the following statements:
1. It was primarily targeted against the activities of Christian missionaries.
 2. It witnessed the active participation of both Hindus and Muslims.
 3. Bankim Chandra Chattopadhyay wrote 'Anandamath' based on this revolt.
- Which of the statements given above is/are **not** correct?
- (a) 1 and 3 only
 - (b) 1 only
 - (c) 1 and 2 only
 - (d) 2 only
- 84.** With reference to the economic impact of British rule in early Nineteenth century India, consider the following statements:
1. Machine-made imports increased after the enactment of the Charter Act of 1813.
 2. The process of industrialization in India led to a huge increase in rural to urban migration.
 3. Commercialization of agriculture led to regional specialization of crops based on climate.
- 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

85. Consider the following pairs:

Sl. No.	Governor General		Important Event
1.	Lord Wellesley	:	Third Anglo-Mysore war
2.	William Bentinck	:	Introduction of English as an official language
3.	Dalhousie	:	First Anglo-Afghan war

How many pairs given above is/are correctly matched?

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

86. Consider the following statements with reference to Individual Satyagraha:

1. It was launched against the Government's refusal to accept demands of the Indian National Congress.
2. It was mainly confined to the members of the Indian National Congress.
3. Jawaharlal Nehru was the first Individual satyagrahi.

Which of the statements given above is/are correct?

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

87. Consider the following statements:

1. Both the Cripps mission and Cabinet mission proposed a fully elected constituent assembly.
2. Cripps mission proposed that the defense of India would remain in British hands until the acceptance of the new constitution.
3. Cabinet mission proposed that the provinces were to have full autonomy and residual powers.

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

88. Consider the following statements with reference to diabetes:

1. In Type 1 diabetes, the body produces enough insulin but the cells lose their sensitivity to insulin.
2. Type 2 diabetes is an autoimmune condition where the cells in the pancreas that make insulin are destroyed.

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. The Pinaka Weapon System, often seen in the news, is:

- (a) an advanced anti-submarine warfare aircraft
- (b) a Multi-Barrel Rocket Launcher (MBRL) System
- (c) a next-generation ballistic missile defense shield
- (d) a high-altitude unmanned combat aerial vehicle

90. With reference to the messenger RNA or mRNA vaccine, consider the following statements:

1. It relies on a modified version of a virus to produce an immune response.
2. In vitro-produced mRNA can give rise to inflammatory reactions.
3. mRNA vaccine-delivered nucleic acid cannot integrate into the host genome.

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

91. Consider the following statements with reference to the Nanozymes:

1. Unlike natural enzymes, they are less expensive and recyclable.
2. They require high temperature, high pressure and extreme pH conditions for its operation.

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

92. The terms 'BlackRock, Snowblind and SOVA', sometimes mentioned in the news, are related to:
- AI-based financial trading algorithms
 - malware attacks
 - cryptocurrency
 - mini satellites

93. Consider the following pairs:

	Dark Pattern	Description
1.	Basket Sneaking	Users face an overload of requests and information
2.	Bait and Switch	Deceptively advertising one outcome and delivering another
3.	Subscription Trap	Forcing users into buying unrelated goods or services
4.	Confirm Shaming	Creating a sense of fear or guilt to influence user actions

How many of the pairs given above are correctly matched?

- Only one pair
 - Only two pairs
 - Only three pairs
 - All four pairs
94. 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?
- Quantum contextuality
 - Quantum computing
 - Quantum nonlocality
 - Quantum entanglement
95. Consider the following statements with reference to the halogens:
- All halogens react with sodium to produce sodium halides.
 - None of the halogen elements are found free in nature.
 - Fluorine is the most reactive of the halogens.
- Which of the statements given above are correct?
- 1 and 2 only
 - 2 and 3 only
 - 1 and 3 only
 - 1, 2 and 3

96. Which of the following statements regarding the NISAR satellite is correct?

- It is a Low Earth Orbit (LEO) observatory being jointly developed by NASA and ISRO.
- It is a Geostationary Orbit (GEO) satellite being developed by NASA and ESA.
- It is a Medium Earth Orbit (MEO) observatory developed by NASA and JAXA.
- It is a Low Earth Orbit (LEO) satellite being developed solely by NASA.

97. Consider the following:

- Leak detection in industrial processes
- Assessing the freshness of food products
- Measuring the amount of alcohol in a person's breath
- Monitoring changes in the concentration of greenhouse gases in atmosphere

How many of the above are the applications of 'chemical sensors'?

- Only one
- Only two
- Only three
- All four

98. Consider the following statements:

- While erythrocytes help in the transport of respiratory gases to different parts of the body, leucocytes help in producing antibodies.
- While the low count of erythrocytes leads to anaemia, the low count of leukocytes results in leukopenia.

Which of the statements given above is/are correct?

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

99. Which one of the following statements best describes the term 'Deep Ecology'?

- It is a practice where natural resources are accounted for in terms of economic profits.
- It deals with the study of ecosystems of Deep-ocean basins.
- It is an environmental philosophy that recognizes the inherent value of nature.
- It is the study of the environment in extreme temperature regions of the world.

100. Which of the following statements are correct with reference to *Azolla*?

1. It is an aquatic fern.
2. It helps to convert atmospheric nitrogen into a biologically usable form.
3. It reduces the formation of weeds in the aquatic ecosystem.

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