



VIDHVATH ACADEMY FOR COMPETITIVE EXAMS

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FULL LENGTH TEST: VPT050

GENERAL STUDIES

TEST BOOKLET

Time Allowed: 120 mins

Maximum Marks: 200

INSTRUCTIONS

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS BOOKLET DOES NOT HAVE ANY UNPRINTED OR TURN OR MISSING PAGES OR ITEMS, ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
 2. ENCODE CLEARLY THE TEST BOOKLET SERIES 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. Do NOT write anything else on the Test Booklet.
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4. This Test Booklet contains 100 items (Questions). Each item 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 with 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 direction in the answers sheet.
 6. All items carry equal marks. Attempt all items. Your total marks will depend only on the number of correct responses marked by you in the answer sheet. For every incorrect response $1/3^{\text{rd}}$ (0.66) of the allotted marks will be deducted.
 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 sheets as per instruction sent to you with your Admission Certificate.
 8. After you have completed filling in all responses on the answer sheet and the examination has concluded, you should hand over to Invigilator only the answer sheet. You are permitted to take away with you the Test Booklet.
 9. Sheet for rough work are appended in the Test Booklet at the end.

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE ASKED TO DO SO

1. "Socialist", the objective of the Constitution has been provided in:
 - (a) The Preamble
 - (b) The Preamble and Fundamental rights
 - (c) The Preamble and Fundamental Duties
 - (d) The Preamble and Directive Principles of State Policy

2. Consider the following :
 1. Merge two or more states to create a new state
 2. Merge two or more states to create a new Union Territory
 3. Split a state into two or more states
 4. Split a state into two or more Union Territories
 5. Split a Union Territory into two or more states
 6. Split a Union Territory into two or more Union Territories

How many of the actions mentioned above can be done by the Parliament under Article 3 without getting the consent of the State?

 - (a) Only three
 - (b) Only four
 - (c) Only five
 - (d) All six

3. Who among the following person's Oath or affirmation is not mentioned in the Third Schedule of the Indian Constitution?
 - (a) President
 - (b) Judges of the Supreme Court
 - (c) Comptroller and Auditor General
 - (d) Members of the State Legislature

4. Which one of the following issues is the 'World Employment and Social Outlook Trends' report periodically?
 - (a) World Economic Forum
 - (b) Organization for Economic Cooperation and Development
 - (c) World Bank
 - (d) International Labour Organization

5. Which of the following rights is granted to Indian citizens but not to foreigners?
 - (a) Right to elementary education
 - (b) Freedom to manage religious affairs
 - (c) Right against discrimination on the grounds of place of birth
 - (d) Equality before law and equal protection of laws

6. A person holding any office of profit under the state may accept any gift or payment from a foreign state only with the consent of which of the following?
 - (a) Government of India
 - (b) Foreign Affairs Minister
 - (c) President
 - (d) Consulate General of India

7. Consider the following statements:
 1. Statement-I: Part III of the Indian Constitution prohibits discrimination on grounds of religion, race and caste.
 2. Statement-II: The state shall make a special provision for the admission of socially and educationally backward citizens into private educational institutions, whether aided or unaided by the state.

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 is the correct explanation for Statement-I.
 - (b) Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-I.
 - (c) Statement-I is correct but Statement-II is incorrect
 - (d) Statement-I is incorrect but Statement-II is correct

8. In the context of modern scientific research, consider the following statements about the 'Thirty Meter Telescope,' which was recently in the news:
 1. It will be the world's advanced ground-based observatory that will operate in optical and mid-infrared wavelengths.

2. It is an international collaboration involving India, the US, Canada, China and Japan.
3. It is proposed to be built near the summit of Kilauea Volcano, Hawaii.

Which of the above statements is/are correct?

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

9. Which one of the following duties is not embodied in the Part IVA of the Indian Constitution?

- (a) To develop Humanism
- (b) To develop the spirit of inquiry and reform
- (c) To uphold Sovereignty and unity
- (d) To promote equal justice

10. Consider the following:

1. Prescribing residence as a condition for certain employment or appointments.
2. Prescribing punishment for the practice of untouchability.
3. Prohibition of traffic in human beings and forced labour.

For which of the actions given above do both Parliament and the State Legislature have the power to make laws?

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

11. Consider the following statements with reference to Article 31C:

1. It ensures that laws promoting the equitable distribution of resources and preventing the concentration of wealth are not protected.
2. It was introduced by the 25th Constitutional Amendment Act, of 1971, citing the Bank Nationalization Case.

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

12. The Indian Councils Act of 1909 considerably increased the size of,

1. Central Legislative councils
2. Provincial Legislative councils

Which of the above statements is/are correct?

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

13. Consider the following statements:

1. Limitation of Powers
2. Equality before law
3. People's responsibility to the Government
4. Liberty and civil rights

How many of the above-mentioned are regarded as the main features of the "Rule of Law"?

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

14. Consider the following statements regarding Snow leopards:

1. They mostly prefer steep and rugged terrains.
2. They are most active at dawn and dusk.
3. They are solitary animals.
4. They can roar like other large cats.

Which of the statements given above are correct?

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

15. In the context of Article 23, which legislative measure was introduced to address the issue of human Trafficking

and ensure compliance with the constitutional mandate?

- (a) The Child Labor (Prohibition and Regulation) Act, 1986
- (b) The Immoral Traffic (Prevention) Act, 1956
- (c) The Payment of Wages Act, 1936
- (d) The Protection of Human Rights Act, 1993

16. Consider the following statements :

- 1. Statement 1: Water vapour, nitrogen, carbon dioxide and oxygen are a few gases that significantly contributed to the Earth's early atmosphere.
- 2. Statement 2: Continuous volcanic eruptions contribute water vapour and gases to the atmosphere.

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

- (a) Both Statements I and Statement II are correct, and Statement II is the correct explanation of Statement I
- (b) Both Statements I and Statement II are correct, but Statement II is not the correct explanation of Statement I
- (c) Statement I is correct, but Statement II is incorrect
- (d) Statement I is incorrect, but Statement II is correct

17. Who among the following is the author of the book Satyarth Prakash?

- (a) Swami Shraddhanand
- (b) Lala Hansraj
- (c) Aurobindo Ghosh
- (d) Dayanand Saraswati

18. The Earth's core comprises iron and nickel, yet it remains in both solid and liquid states. Which of the following factors contribute to this dual state in the inner and outer core?

- 1. The immense pressure at the core keeps the inner core solid despite high temperatures.
- 2. Due to lower pressure, the outer core remains liquid, allowing the iron to remain molten.

Select the correct answer using the codes given below:

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

19. Vancouver, an important port city in South Western Canada, experiences which of the following climate?

- (a) Siberian Climate
- (b) China type Climate
- (c) Laurentian Climate
- (d) British Climate

20. Consider the following statements:

- 1. Sedimentary rocks are formed by the weathering of preexisting rocks.
- 2. Fossils are embedded in the strata of sedimentary rocks.
- 3. Metamorphic rocks are formed under the influence of heat or pressure on sedimentary rocks.
- 4. Metamorphic rocks are hard in comparison to the igneous rocks.

Which of the statements given above are correct?

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

21. Consider the following:

- 1. Food Processing
- 2. Coal & Lignite
- 3. Air Transport Services
- 4. Defence Manufacturing
- 5. Space

In how many of the sectors mentioned above is 100% FDI allowed under the Automatic route?

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

22. "About 60 per cent of total earthquakes in the world are caused in the Circum

Pacific belt.” In this regard, consider the following statements:

1. Zone of active volcanoes
2. Zone of young folded mountains
3. Subduction zone of convergent plate boundaries

Which of the above are the ideal conditions for earthquakes in this belt?

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

23. Consider the following statements :

1. It is characterized by eruptions of relatively cooler and more viscous lava than basalt.
2. It often results in explosive eruptions.
3. It consists of large quantities of pyroclastic material, ashes, and lava.

Which of the following types of volcanoes is described above?

- (a) Caldera
- (b) Mid-Ocean Ridge Volcanoes
- (c) Composite Volcanoes
- (d) Shield Volcanoes

24. Consider the following statements regarding the West European type of climate :

1. It is surrounded by a Mediterranean climate in the south, a continental dry climate in the east and a semi-arctic climate in the north.
2. The temperature in this climate is affected by warm ocean currents and prevailing winds.
3. It is characterized by abundant and uniformly distributed precipitation throughout the year.

Which of the above statements are correct?

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

25. Recently, “SARTHI” - a comprehensive digital insurance platform for farmers—

was launched in India in collaboration with which of the following organizations?

- (a) World Bank
- (b) Food and Agricultural Organization
- (c) United Nations Environment Programme
- (d) United Nations Development Programme

26. Consider the following statements regarding the salinity of ocean waters :

1. The Mediterranean Sea records a low salinity due to the influx of large quantities of river waters.
2. The Black Sea records higher salinity due to high evaporation rates.

Which of the above statements is/are correct?

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

27. Consider the following statements :

1. Statement 1: The equatorial counter current is an eastward flow of ocean water primarily between latitudes 3° and 10° N.
2. Statement 2: The Earth's rotation influences the direction of winds and ocean currents.

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 is the correct explanation of Statement I
- (b) Both Statement I and Statement II are correct, but Statement II is not the correct explanation of Statement I
- (c) Statement I is correct, but Statement II is incorrect
- (d) Statement I is incorrect, but Statement II is correct

28. Consider the following statements :

Irrigation Project - River

1. Shanan hydropower project - 1.River Chenab
2. Mekedatu dam - 2.River Kaveri

3. Kiru Hydroelectric Project - 3.River Ravi
 4. Ranjit Sagar Dam - 4.River Uhl
 Select the correct code given below:
 (a) A-4; B-2; C-1; D-3
 (b) A-3; B-4; C-2; D-1
 (c) A-1; B-4; C-1; D-2
 (d) A-4; B-2; C-3; D-1

29. Which of the following is the primary criterion used to allocate the major share of union taxes to each state in India?

- (a) Income distance
 (b) Demographic performance
 (c) Area
 (d) Population

30. Consider the following:

1. Zeugen
2. Yardangs
3. Ventifacts
4. Barchans

Which of the above landform results from wind deposition in the Desert?

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

31. Consider the following statements :

1. The Government of India has brought all transactions involving Virtual Digital Assets, such as crypto assets, under the Prevention of Money Laundering Act.
2. In India, the crypto asset service providers should register with the Financial Intelligence Unit as reporting entities.

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

32. Consider the following statements regarding Aflatoxins:

1. They are toxins produced by bacteria that are found in agricultural crops such as maize and peanuts.
2. They are associated with an increased risk of liver cancer in humans.
3. Natural cell wall thickening has been developed as a natural defence mechanism in some varieties of peanuts against this infection.

How many of the statements given above are correct?

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

33. Consider the following:

1. The commodity should have a relatively large demand and supply
2. Prices of the commodity should be adequately volatile
3. The commodity should be free from substantial control from Government regulations in terms of supply, distribution and prices
4. The commodity should be capable of standardization
5. The commodity should have long shelf-life

How many of the requirements mentioned above must a commodity fulfil to be notified by the Central Government for commodity derivative trading?

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

34. With reference to the financing of a company to raise its capital needs, which of the following statements is/are correct?

1. Debt financing involves selling of company's shares in return for capital.
2. Equity financing places no obligation to repay the money acquired from investor in case of business failure.

Select the correct answer using the codes given below:

- (a) 1 only

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

35. With reference to the Indian economy, consider the following statements:

1. Rising interest rates typically cause downward pressure on stock prices.
2. A stock market crash can result in a bear market.
3. A fall in the stock market might cause a recession.

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

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

36. Consider the following statements with respect to the National Organ and Tissue Transplant Organization (NOTTO):

1. It is a statutory body.
2. It is set up under the Directorate General of Health Services, Ministry of Health and Family Welfare.
3. National Human Organ and Tissue Removal and Storage Network is a division of NOTTO.

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

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

37. With reference to Masala Bonds, consider the following statements:

1. Masala Bonds are issued by Indian companies in foreign countries denominated with foreign currency.
2. It allows investors outside India to invest in Indian assets where the currency risk is borne by the investor.
3. Indian companies can raise money at lower interest rates in foreign countries.

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

38. Consider the following statements with reference to convertible debentures:

1. It is a type of unsecured long-term debt.
2. It is issued by a private company.
3. It is provided with no underlying collateral.
4. It pays regular interest payments to bondholders.

How many of the above statements is/are correct?

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

39. Consider the following:

1. Collateralized Borrowing and Lending Obligations
2. Call Money
3. Cash management bills
4. Government Bond

Which of the given above is/are included in capital markets?

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

40. Consider the following statements:

1. Lal Kot, established by the Tomar Rajputs, was the first fortification in Delhi.
2. Quwwat-ul-Islam, built by Iltutmish, was the first mosque of India.
3. The tomb of Maulana Jamali, a sixteenth-century Sufi saint, was built in Mehrauli.

Which of the statements given above are correct?

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

41. Which of the following is/are the potential benefits of Foreign Direct Investment (FDI) flow into India?

1. Reduction in unemployment
2. Increase in technology transfer
3. Integration of Indian companies into global value chains
4. Boost to domestic manufacturing sector

Select the correct answer using the code given below:

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

42. Consider the following statements:

1. In India, the Ministry of Statistics has the responsibility to disseminate Balance of Payments data.
2. India has consistently witnessed a current account surplus since the year 2022.
3. Special Drawing Rights helps the member nations of International Monetary Fund to address Balance of Payment issues

How many of the statements given above is/are not correct?

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

43. With reference to the External Commercial Borrowings (ECBs), consider the following statements

1. ECBs are loans that Indian scheduled banks take from non-resident entities with some end-use restrictions.
2. The services sector accounts for the majority share in India's total external commercial borrowing (ECB) inflows in FY24.

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

44. Consider the following pairs:

Women personalities Contributions

1. Begum Aizaz Rasul - Presented the first national flag on behalf of the women of India on August 15, 1947
2. Dakshayani Velayutham - First and only Dalit woman to be elected to the Constituent Assembly in 1946
3. Annie Mascarene - First woman to hold a ministerial and legislative assembly position in Travancore

How many of the above pairs are correctly matched?

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

45. Which of the following helps sustain investment inflow into India?

1. Complex rules and regulations
2. Availability of skilled workforce
3. Uncertainty about political stability
4. Lack of dispute resolution mechanisms
5. Ease of repatriation

Select the correct answer using the code given below:

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

46. Which of the following was the possible direct consequence of the attack on India by Ahmad Shah Abdali from Afghanistan in 1761?

- (a) Emergence of the Maratha empire in the Northern part of India
- (b) A new Afghan kingdom was established in Delhi
- (c) Paved the emergence of the British empire at Delhi immediately
- (d) None of the given above statements is correct

47. Consider the following statements regarding the French East India Company:

1. The French East India Company was founded in 1664 under the reign of Louis XIV.
2. Francois Martin played a key role in developing Pondicherry as the nerve centre of French power in India.
3. The French were the first European power to establish a trading centre in India.

Which of the statements given above is/are correct?

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

48. Consider the following pairs:

Newspaper/Journal - Founder/Editor

1. Mirat-ul-Akbar - Raja Rammohan Roy
2. The East Indian - Henry Vivian Derozio
3. Rast Goftar - Dadabhai Naoroji

Which of the pairs given above are correct?

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

49. The organisms "Jansen's Wrasse, Checkerboard Wrasse and Moon Wrasse" recently seen in the news are:

- (a) Birds
- (b) Fish
- (c) Insects
- (d) Reptiles

50. With reference to Portuguese settlements in India, consider the following statements:

1. They set up military garrisons in India in order to avoid conflicts with the Zamorins of Calicut and Muslim rulers.

2. The Portuguese controlled the trade in the Indian Ocean with their superior naval technology.

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

51. Consider the following pairs:

Tribal Uprisings - Prominent Leaders

1. Larka Rebellion - Nilamber and Pitamber brothers
2. Khasi Rebellion - Tirot Sing
3. Koya Revolt - Alluri Seetharama Raju

Which of the above-given pairs is/are correct?

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

52. Consider the following statements with respect to Pandita Ramabai:

1. She started Arya Mahila Samaj to improve the condition of child widows.
2. She was the author of the book "The High Caste Hindu Woman".

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

53. Which among the following is not correct regarding the National Disaster Risk Management Fund?

- (a) It was established based on the recommendations of the 15th Finance Commission.
- (b) The funds will be utilised for disaster mitigation and disaster response activities.
- (c) The funds are equally shared for disaster mitigation and disaster response.

- (d) It accepts voluntary contributions from Individuals, Organizations, Trusts, Companies and Institutions.

54. Wellesley introduced a subsidiary alliance system in India because:

- (a) It gave the power to Indian states to maintain their own army.
- (b) Indian states are allowed to ally with other supreme powers.
- (c) To protect the Indian rulers by the British against external threats.
- (d) To have foreign influences in the Indian courts.

55. Which of the following group of items was exported from India to various parts of the countries in the 18th Century?

- (a) Indigo, Ivory and Pepper
- (b) Indigo, Opium and Pepper
- (c) Opium, Tea and Dry fruits
- (d) Tea, Dates and Dry fruits

56. Consider the following statements with reference to mass and energy:

- 1. Both matter and energy can neither be created nor destroyed.
- 2. Though energy can be transformed from one form to another, the total energy of an isolated system remains constant.
- 3. Though the principle of conservation of energy cannot be proved, no violations have ever been observed.

How many of the above statements are correct?

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

57. Consider the following pairs:
Scientific technologies Principles

- 1. Tokamak - Magnetic confinement of plasma
- 2. Neuromorphic computing - Spiking neural network
- 3. Optical fibres - Total internal reflection of light

How many of the above pairs are correctly matched?

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

58. With respect to Missions to planet Mars, consider the following statements:

- 1. The Mars Orbiter Mission is the India's first interplanetary mission to study the Martian surface features, morphology and mineralogy and return the samples to the Earth.
- 2. The MAVEN mission is the first mission by NASA to study the Martian upper atmosphere.

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

59. The 'Helmand, Harirod-Murghab, Panj-Amu' are the river basins of which among the following countries?

- (a) Afghanistan
- (b) Bhutan
- (c) Nepal
- (d) Bangladesh

60. Consider the following statements:

- 1. The surface web search engines cannot discover or display results for web pages within the dark web.
- 2. The dark web is hidden by various network security measures like firewalls and encryption.
- 3. The peer-to-peer (P2P) overlay network technique is used to TOR browsers to provide access to dark web.

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

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

61. End-to-end encryption (E2EE) is a type of messaging that keeps messages private from everyone, including the messaging service. How many of the following apps used in India have E2EE Facility?

1. What's App
2. Telegram
3. Gmail
4. Instagram
5. Facebook

Choose the correct answer using the codes given below:

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

62. Which of the following is not an example of exothermic reactions?

- (a) Burning of natural gas.
- (b) Decomposition of vegetable matter into compost.
- (c) Decomposition of calcium carbonate to calcium oxide and carbon dioxide on heating.
- (d) Breaking down of carbohydrates to form glucose, combines with oxygen to provide energy.

63. Which of the following States has banned oleander flowers in temple offerings after a woman died after accidentally chewing the leaves of the oleander plant?

- (a) Kerala
- (b) Tamil Nadu
- (c) Uttar Pradesh
- (d) Haryana

64. Consider the following statements:

1. Statement 1: The Gravitational force plays a key role in the formation and evolution of stars, galaxies and galactic clusters.
2. Statement 2: The gravitational force is the weakest force among the Fundamental forces in nature.

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 is the correct explanation of Statement I
- (b) Both Statement I and Statement II are correct, but Statement II is not the correct explanation of Statement I
- (c) Statement I is correct, but Statement II is incorrect
- (d) Statement I is incorrect, but Statement II is correct

65. With reference to Multiple Independently Targetable Re-entry Vehicle (MIRV) technology, consider the following statements:

1. It enables single missiles to target multiple locations hundreds of kilometres apart.
2. India's longest-range ballistic missile, Agni-V, has been tested with this technology recently.
3. MIRV-equipped missiles can be launched from land only.

Which of the statements given above are correct?

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

66. With reference to Indian wild ass (*Equus hemionus khur*) species, consider the following statements:

1. The little Rann of Kutch is the only remaining habitat of this species.
2. Their digestive systems are adept at processing xerophytic vegetation.
3. These species are protected under Schedule I of the Wildlife Protection Act.

Which of the statements given above are correct?

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

67. With respect to Biological Diversity Amendment Act 2023, consider the following statements:

1. As per the act, the National Biodiversity Authority takes measures to oppose the grant of intellectual property rights to Indian biological resources outside India.
2. As per the act, biological resources include the genetic material of plants and animals, human genetic material and their by-products.

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

68. Which one of the following has not been constituted under the Wildlife Protection amendment act, 2022?

1. National Board for Wildlife
2. National Tiger Conservation Authority
3. National Green Tribunal
4. Wildlife Crime Control Bureau

Select the correct answer using the codes given below:

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

69. With reference to the Post Office Act 2023, consider the following statements:

1. The Act provides for the office of Director General of Postal Services to regulate postal services in India.
2. The Act prescribes penal punishment for unauthorized interception of postal articles by a central government officer.

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

70. Consider the following pairs:

Species - Activity pattern

1. Andaman White-toothed Shrew
Diurnal
2. Pygmy hog Nocturnal
3. Malabar Civet Nocturnal

How many of the above pairs is/are correct?

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

71. Which of the following ecological pyramids can't be inverted?

- (a) Pyramid of Energy
- (b) Pyramid of biomass
- (c) Pyramid of numbers
- (d) None of the above

72. With reference to the National Biodiversity Authority (NBA), consider the following statements:

1. NBA is a constitutional body that advises State Governments to notify areas of biodiversity importance as heritage sites
2. NBA's headquarters is situated in New Delhi.
3. Tungkyong Dho in Ladakh and Gupteswar forest in Odisha are Biodiversity Heritage Sites under the Biological Diversity Act of 2002.

How many of the above statements is/are correct?

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

73. With reference to the Ayush survey conducted from July 2022 to June 2023, consider the following statements:

1. The National Sample Survey Office collected information on the prevalence of traditional systems of healthcare in India through the Ayush survey.

2. Urban areas saw prevalence of Ayush for prevention of illnesses more than the rural areas 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

74. Consider the following statements with respect to Bird species endemism in India:

- 1. Though India is home to many bird species, only 5% of the species are endemic to India.
- 2. The Western Ghats Bio-geographic zone has the highest number of bird species endemism followed by the Andaman and Nicobar Islands.
- 3. Among the states, Tamil Nadu has more number of endemic bird species in the country.

How many of the statements given above are correct?

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

75. Which of the following sets of insects are considered to be indicators of freshwater quality in lakes and rivers?

- (a) Fruit flies and damselflies
- (b) Dragonflies and damselflies
- (c) Dragonflies and Butterflies
- (d) Fruit flies and Butterflies

76. Consider the following statements with reference to Steinernema:

- 1. It is a nematode species to control insect parasites without pesticides.
- 2. These species can control crop pests in warm and humid places where other nematode species couldn't survive.
- 3. It has been found that it is harmful to mammals and humans.

How many of the above statements is/are correct?

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

77. With reference to future circular collider, consider the following statements:

- 1. It is a particle accelerator that will be within the Large Hadron Collider.
- 2. It is a single-stage proton-proton machine that will be three times bigger and faster than the Large Hadron Collider.

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

78. With reference to ultracold atoms, consider the following statements:

- 1. At absolute zero temperatures, the original properties of atoms are governed by laws of classical mechanics.
- 2. Fluorescence or phase-contrast imaging techniques are used to study Ultracold atoms.

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. The new fungal species named Trichoglossum syamviswanathii that was recently seen in the news has been discovered in which part of India?

- (a) Western Ghats
- (b) Eastern Ghats
- (c) Andaman and Nicobar Islands
- (d) Mizo hills

80. The Weimar Triangle consists of which of the following countries?

- 1. France
- 2. Germany

3. Italy
4. Poland
5. Austria
6. Hungary

Select the correct answer using the code given below:

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

81. With reference to the Global Initiative on Digital Health (GIDH), consider the following statements:

1. It is a World Bank-led initiative to align resources toward country-led digital health transformation through strengthened collaboration and knowledge exchange.
2. This will encourage local development, maintenance, and adaptation of digital health technologies for the continuously changing needs.
3. India is a part of this initiative.

Which of the statements given above is/are correct?

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

82. Consider the following pairs :
Ramsar sites - Location

1. Nanjarayan Bird Sanctuary - Tamil Nadu
2. Tawa Reservoir - Gujarat
3. Ankasamudra Bird Conservation Reserve - Karnataka
4. Longwood Shola Reserve Forest - Kerala

How many of the above pairs are correctly matched?

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

83. With reference to Cantor's giant softshell turtle, consider the following statements:

1. They are native to the rivers of Latin American countries.
2. They live in freshwater, estuaries, lakes and coastal areas.
3. They are primarily carnivores feeding on fish, crustaceans, and mollusks but they also feed on some aquatic plants.

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

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

84. Consider the following statements with respect to Pangolins:

1. They are the only mammals wholly covered in scales.
2. They are nocturnal animals.
3. The females are larger in size than males.
4. Most females give birth only to a single offspring at a time.
5. They dig burrows below the roots of the trees to store food.

How many of the statements given above are correct?

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

85. Consider the following statements regarding the Pakke Paga Hornbill Festival (PPHF):

1. It is the state festival of Nagaland
2. It is celebrated for recognizing the efforts of the Nyishi tribal hunters
3. The Nyishi tribes had formerly hunted hornbills and used their bills to craft traditional headgear.

Which of the above-given statement(s) is/are correct?

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

86. Consider the following statements:

1. Atmospheric rivers are relatively long, narrow regions in the atmosphere that transport most of the water vapour outside of the tropics.
2. "Pineapple Express" is a strong atmospheric river that is capable of bringing moisture from the tropics to the West Coast of Mexico.

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

87. Consider the following statements with respect to Advanced Oxidation Technology:

1. This has been developed for the treatment of industrial wastewater, which contains non-biodegradable and persistent organic pollutants.
2. It is developed by the Indian Institute of Technology, Bombay.
3. It aims to ensure sustainable Zero Liquid Discharge (ZLD) compliance set by the Central Pollution Control Board (CPCB).

Which of the statements given above is/are correct?

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

88. The Afar Triangle, also known as the Afar Depression, is a geological feature located in which of the following regions?

- (a) Horn of Africa
- (b) Sahel region
- (c) Maghreb region
- (d) Nile river delta

89. It is the lowest temperature to which a surface can be cooled by water evaporating from it. It is also the lowest temperature at which the surface of the skin can be cooled by sweating. Spending even short periods in temperatures

beyond this threshold could be harmful to human health. Which of the following is described in the passage?

- (a) Dry bulb temperature
- (b) Dew point temperature
- (c) Wet bulb temperature
- (d) None of the above

90. Consider the following statements with respect to the National Quantum Mission:

1. To develop atomic clocks for precision timing, communications and navigation.
2. To secure satellite-based quantum communications within India.
3. To develop quantum computers in various platforms like superconducting and photonic technology.
4. To scale up scientific and industrial R&D in Quantum Technology.
5. To develop multi-node quantum repeater networks for entanglement distribution-based quantum communication.

How many of the above are the objectives of the National Quantum Mission?

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

91. With reference to the TAPI gas pipeline project, consider the following statements:

1. It will aim to supply natural gas from Tajikistan.
2. It is financed by the World Bank.

Which of the statements mentioned above is/are correct?

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

92. The "Cali Fund", which was established at the 16th Council of Parties of the Convention on Biological Diversity (CBD) Summit, aims:

- (a) To identify and protect biologically significant marine areas
- (b) To ensure fair and equitable sharing of benefits from the use of digital sequence information on genetic resources
- (c) To include the Indigenous groups and local communities in biodiversity conservation
- (d) To address the impacts of invasive alien species

93. Consider the following statements with respect to the World Green Economy Organization:

1. It was established as an outcome of the Rio+20 United Nations Conference on Sustainable Development.
 2. India is a member of this organization.
- 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

94. Consider the following pairs:

S.No. Mineral Application

1. Bismuth - Thermoelectric devices
2. Silicon - Solar panels
3. Titanium - Aerospace industry
4. Tellurium - Pharmaceuticals

How many of the above pairs is/are correct?

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

95. Consider the following statements with respect to the UN Forum on Forests:

1. It is a functional commission of the UN Economic and Social Council.
2. Both member and non-member states of the United Nations can become members of the forum.

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. Consider the following:

1. Canada
2. China
3. Colombia
4. Ecuador
5. Japan
6. Singapore

How many of the countries mentioned above are members of the Asia-Pacific Economic Cooperation (APEC)?

- (a) Only three
- (b) Only four
- (c) Only five
- (d) All six

97. Which of the statements given below is not correct regarding the World Health Organization (WHO)?

- (a) The World Health Assembly is the decision-making body of WHO.
- (b) The Astana Declaration of WHO vows to achieve universal health coverage by 2030.
- (c) A special session of the World Health Assembly was conducted during the COVID-19 since the formation of WHO.
- (d) WHO's Global Center of Traditional Medicine was established in India.

98. Consider the following statements regarding the Zojila tunnel:

1. It is the longest tunnel in Asia.
2. The tunnel cuts through the Himalayas at the Pir Panjal Pass to reach Kargil.
3. It is located on National Highway NH-01, which connects Sonamarg in Kashmir to Minimarg in Ladakh.

Which of the statements given above is/are correct?

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

99. Which of the following is not correct regarding the Global Plastics Treaty?

- (a) It is an international legally binding instrument to end plastic pollution.
- (b) It limits the use of toxic chemicals in all virgin and recycled plastics.
- (c) It promotes the reuse systems to move away from a linear packaging economy.
- (d) It enables the use of Plastic Credits to reduce plastic pollution

100. "It has focused exclusively on rural poverty reduction, working with poor rural populations in developing countries to eliminate poverty, hunger and malnutrition; raise their productivity and incomes; and improve the quality of their lives."

The above description outlines the aim of which of the following organizations?

- (a) World Food Programme
- (b) Food and Agriculture Organization
- (c) International Fund for Agricultural Development
- (d) United Nations Development Programme