
MOCK PRELIMINARY EXAM

MOCK TEST - 2
GENERAL STUDIES
PAPER-I

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. 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.
4. This Test Booklet contains 200 items (questions). Each item is printed only in English. Each item comprises four responses (answers). You will select the response which you want to mark on the Answer Sheet. In case you feel that there is more than one correct response, mark the response which you consider the best. In any case, choose *ONLY ONE* response for each item.
5. You have to mark all your responses *ONLY* on the separate Answer Sheet provided. See directions in the Answer Sheet.
6. All items carry equal marks.
7. Before you proceed to mark in the Answer Sheet the response to various items in the Test Booklet, you have to fill in some particulars in the Answer Sheet as per instructions sent to you with your Admission Certificate.
8. After you have completed filling in all your responses on the Answer Sheet and the examination has concluded, you should hand over to the Invigilator *only the Answer Sheet*. You are permitted to take away with you the Test Booklet.
9. Sheets for rough work are appended in the Test Booklet at the end.
10. Penalty for wrong answers :
THERE WILL BE PENALTY FOR WRONG ANSWERS MARKED BY A CANDIDATE IN 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.

MOCK TEST SERIES FOR CIVIL SERVICES PRELIMINARY EXAM

1. A fourteenth-century text, the *Lilatilakam*, dealing with grammar and poetics, was composed in Manipravalam– literally, “diamonds and corals” referring to the two languages. These languages are:
- Sanskrit and Tamil
 - Sanskrit and Malayalam
 - Tamil and Malayalam
 - Sanskrit and Kannada

2. Consider the following statements about patents:
- It can be granted only by the sovereign state.
 - It gives the patentee the exclusive right over the idea or invention in normal cases.
 - Patents are also granted under International laws which are binding on all the nations under the United Nations (U.N.)

Choose the correct answer using the codes below:

- 1 and 2
- 2 and 3
- 1 and 3
- All of the above

3. As per resource classification, which of the following can be the examples of potential resources?
- Uranium found in Ladakh
 - High speed wind in Netherlands
 - Dark soils of Deccan plateau

Choose the correct answer using the codes below:

- 1 and 2
- 2 and 3
- 1 and 3
- Only 1

4. The distribution of natural resources on Earth can be dependent on which of the following factors?
- Terrain
 - Climate
 - Altitude

Choose the correct answer using the codes below:

- 1 and 2
- 2 and 3
- 1 and 3
- All of the above

5. Apart from minimizing the depletion and degradation of natural resources, which of the following can be considered as the principles of sustainable development?
- Respect and care for all forms of life
 - Improve the quality of human life
 - Enable communities to care for their own environment
 - Conserve the biodiversity on earth

Choose the correct answer using the codes below:

- 1, 2 and 3
- 2, 3 and 4
- 4 only
- All of the above

6. Consider the following matches of countries with highest percentage proportion of land use for each category (both within the country and overall in the world).
- India – Crop Land
 - Australia – Pasture
 - Japan – Forest

Select the correct matches.

- 1 and 2
- 2 and 3
- 1 and 3
- All of the above

7. Which of the following have a bearing on the degradation of land resources?

1. Deforestation
2. Excessive use of chemical fertilizers
3. Excessive use of chemical pesticides
4. Overgrazing

- a) Bhils
- b) Gonds
- c) Santhals
- d) None of the above

Choose the correct answer using the codes below:

- a) All of the above
- b) All except 3
- c) All except 2 and 3
- d) All except 1 and 4

8. Which of the following factors affect soil formation?

1. Relief features
2. Climate
3. Parent rock
4. Flora, fauna and microorganism

11. Which of the following techniques help counter land degradation?

1. Contour bunding
2. Contour barriers
3. Intercropping

Choose the correct answer using the codes below:

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) All of the above

Choose the correct answer using the codes below:

- a) 2 and 3 only
- b) 1 and 4 only
- c) All of the above
- d) 2, 3 and 4 only

12. Which of the following techniques for soil conservation is best used in coastal and dry areas to prevent soil erosion?

- a) Sheltered belts
- b) Terrace farming
- c) Contour barriers
- d) Contour ploughing

9. Consider the following statements about mulching – technique to conserve soil:

1. In the technique, bare ground between plants is covered with a layer of organic matter.
2. Mulching helps retain soil moisture.
3. It stops soil erosion.

13. Surface runoff is a major agent in soil erosion by water. Which of the following techniques can reduce or minimize surface runoff of water?

1. Water harvesting
2. Sprinkler irrigation
3. Afforestation

Choose the correct answer using the codes below:

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) All of the above

Choose the correct answer using the codes below:

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) All of the above

10. Garha Katanga, now in the Narsinghpur district within the state of Madhya Pradesh, was once a kingdom of

14. Which of the following International Conventions (India being a signatory) have a bearing on conservation of wildlife in India?

1. International Whaling Commission (IWC)
2. Convention on International Trade in Endangered Species of wild fauna and flora (CITES)
3. United Nations Educational, Scientific and Cultural Organization-World Heritage Convention (UNESCO-WHC)
4. Convention on Migratory Species (CMS)
5. International Union for Conservation of Nature and Natural Resources (IUCN)

17. Consider the following statements

1. Bengali language is derived from Sanskrit
2. Mangalakavyas, literally auspicious poems, dealing with local deities were folk tales from original Bengali language

Which of the above is/are correct?

- a) 1 Only
- b) 2 Only
- c) Both
- d) None

Choose the correct answer using the codes below:

- a) 1, 2 and 3 only
- b) 3, 4 and 5 only
- c) 2 only
- d) All of the above

15. Series of protected areas linked through a global network, intended to demonstrate the relationship between conservation and development – They are?

- a) National Parks
- b) Biosphere reserves
- c) Wildlife Sanctuaries
- d) Reserved forests

18. Which of the following, inter alia, are major physiographic regions of North America?

1. Canadian Shield
2. Appalachian mountains
3. Western Cordillera

Choose the correct options from the codes given below:

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) All of the above

16. Consider the following matches of ores with the continent they are most abundant in or they are most produced in:

1. Iron ore – Asia and Europe
2. Bauxite – Australia
3. Uranium – Australia

19. While travelling through the states of Jharkhand, Chhattisgarh and Odisha, which of these mines you are likely to find in any one or more states?

1. Bauxite
2. Uranium
3. Limestone

Choose the correct matches from the codes given below:

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) All of the above

Choose the correct options from the codes given below:

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) All of the above

20. Consider the following statements:
1. India is a leading producer and exporter of salt.
 2. There is no known Gold mine in India.
 3. Koderma district in Jharkhand state in India had the largest deposits of mica in the world.

Choose the correct statements from the codes below:

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) All of the above

21. A rise in price of Petroleum ore may have a bearing on which of the following industries?
1. Plastic
 2. Wax-making industry
 3. Kerosene

Choose the correct answer using the codes below:

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All of the above

22. Consider the following statements about Natural Gas:
1. It is found with Petroleum deposits.
 2. It consists mainly of Methane.
 3. Compressed Natural gas (CNG) and Liquefied Petroleum Gas (LPG) used in vehicles and gas cylinders respectively are composed of almost the same composition as that of natural gas.

Choose the correct answer using the codes below:

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

- c) 1 and 3 only
- d) All of the above

23. With reference to Queen Elizabeth I (1558-1603) of England, consider the following statements

1. She was a contemporary of Mughal emperor, Humayun
2. She sided with Protestants and tried to establish the independence of the Church of England from Roman control
3. She supported the famous English playwright William Shakespeare

Which of the above statements is/are correct?

- a) 1 and 2 Only
- b) 2 and 3 Only
- c) 1 and 3 Only
- d) All

24. Which of the following energy conversions happen in a nuclear reactor?

1. Thermal energy to Kinetic energy
2. Kinetic energy to electrical energy
3. Kinetic energy to potential energy
4. Nuclear energy to thermal energy

Choose the correct answer using the codes below:

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

25. Tidal energy is based on which of the following?

- a) Difference in temperature of tides
- b) Difference in height of tides
- c) Marine upwelling
- d) Difference in the height of waves

26. Which of the following is NOT used in organic farming?

1. Natural pesticides
2. Chemical fertilizers
3. Genetically modified crops/seeds

Choose the correct answer using the codes below:

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All of the above

27. Which of the following can be included under „Commercial farming“?

1. Plantation agriculture
2. Mixed farming
3. Commercial grain farming

Choose the correct answer using the codes below:

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All of the above

28. Mixed farming is the technique of

- a) Growing food and fodder crops and rearing livestock.
- b) Growing more than one crops in the same field simultaneously.
- c) Intercropping more than one crops in the same field in different seasons for achieving commercial sustainability of the farm
- d) None of the above

29. Consider the following statements about the cultivation of rice.

1. It is grown in tropical and sub-tropical regions.
2. It requires high temperature, high humidity and high rainfall.
3. It grows best in soils like alluvial and clay which can retain water.

Choose the correct answer using the codes below:

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All of the above

30. Consider the following statements about the cultivation of wheat.

1. It thrives best in soils which do not drain water easily like loamy soil.
2. It is a crop of temperate region.
3. It requires moderate rainfall during growing season and bright sunshine at the time of harvest.

Choose the correct answer using the codes below:

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All of the above

31. Consider the following statements about the cultivation of millets.

1. It can be grown on less fertile and sandy soils.
2. It can be grown in areas of low rainfall and high temperature.
3. Jowar, Bajra and Ragi are millets.

Choose the correct answer using the codes below:

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All of the above

32. Crop „X“ requires high temperature, light rainfall, several frost-free days and bright sunshine for its growth. It grows best on black and alluvial soils. X can be?

- a) Jute
- b) Maize
- c) Cotton
- d) Coffee

33. In the mid-eighteenth century, Soft colours including cool blues and greens, and a lyrical treatment of themes inspired by Vaishnavite traditions was prominent in which of the following schools of painting?

- a) Pahari
- b) Mughal
- c) Kangra
- d) Rajput

34. Jute requires which of the following?

- 1. Alluvial soil
- 2. High temperature
- 3. Heavy rainfall

Choose the correct answer using the codes below:

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All of the above

35. Cooperative sector industries can be owned and operated by

- a) Producers of raw materials
- b) Supplier of raw materials
- c) Workers in the cooperative industry
- d) All three of (a), (b) and (c)

36. Which of the following fibres are NOT natural?

- 1. Rayon
- 2. Linen
- 3. Acrylic

Choose the correct answer using the codes below:

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All of the above

37. Which of the following factors may have contributed to the spread of cotton industry over India?

- 1. Cotton is not a weight losing raw material.
- 2. The favourable humid climate condition required for cotton can be created artificially too.

Choose the correct option from the codes below:

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) None

38. Consider the following stages in the demographic and human development of a country.

- 1. Low birth rate and low death rate
- 2. High Birth rate and high death rate
- 3. High Birth rate and Low death rate

Choose the correct order of the status of human development.

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

39. Consider the following statements about population pyramid.

- 1. The population pyramid for countries with low level of human development will be broad at base and narrow at the top.
- 2. The population pyramid for countries with high level of human development and steady population size will not show much variation in width from base to top.

Which of these is/are true?

- a) 1 only
- b) 2 only
- c) Both
- d) None

40. Consider the following statements:
1. Having a constitution guarantees that the concerned country will be democratic.
 2. Not having a written constitution guarantees that the concerned country will be autocratic.

Which of these is/are true?

- a) 1 only
- b) 2 only
- c) Both
- d) None

41. Which of the following are enshrined in the Indian constitution?
1. Societal ideals
 2. Nature of Indian society
 3. Nature of country's political system

Choose the correct answer using the codes below:

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) All of the above

42. Which of the following are the aspects of the Indian constitution?
1. Separation of powers
 2. Federalism
 3. Fundamental Rights

Choose the correct answer using the codes below:

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) All of the above

43. Consider the following statements:
1. State governments in India draw their authority from the Central government.
 2. State governments in India are subordinate to the Central government.

Which of these is/are true?

- a) 1 only
- b) 2 only
- c) Both
- d) None

44. In the Ahom kingdom, each village had to send a number of *paiks* by rotation. Who were these *paiks*?

- a) Forced labourers
- b) Soldiers of the King's army
- c) Craftsmen
- d) Women workers

45. Which of the following can be considered valid under the Indian concept of „Secularism“?

1. The state not promoting officially any peculiar religion.
2. There is no discrimination at all by the state, whether legal, administrative etc. among religions.
3. The state does not intervene at all in matters of religion.

Choose the correct answer using the codes below:

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) Only 1

46. The presiding officer (Chairman or Speaker) of which of the following is **NOT** elected by its members?

1. Rajya Sabha
2. Lok Sabha
3. State Legislative assembly
4. State Legislative Council

Choose the correct answer using the codes below:

- a) 1, 3 and 4
- b) Only 1
- c) 1 and 4
- d) None of the above

47. The word „Parliament“ means
- Lok Sabha
 - Lok Sabha and Rajya Sabha
 - President, Lok Sabha and Rajya Sabha
 - President, Council of Ministers, Lok Sabha and Rajya Sabha

48. Consider the following statements about the executive branch of government in India.
- It is concerned with implementing laws made by the Parliament.
 - It can make laws too for short periods.
 - The whole Council of Ministers is a part of the executive.

Choose the correct answer using the codes below:

- 1 and 2
- 2 and 3
- 1 and 3
- All of the above

49. Consider the following statements:
- A bill is required to pass through the Rajya Sabha for it to become a law.
 - A bill cannot become an Act without the assent of the President.

Which of these is/are true?

- 1 only
- 2 only
- Both 1 and 2
- None

50. Consider the following statements:
- Rajya Sabha contains both nominated and indirectly elected members.
 - The members of Rajya Sabha are elected by both Legislative assembly and Legislative council of the states.

Which of these is/are true?

- 1 only
- 2 only
- Both 1 and 2
- None

51. Surat which was a thriving commercial cosmopolitan hub, began to decline towards the end of the seventeenth century. Consider the following reasons.

- The loss of markets and productivity because of the decline of the Mughal Empire
- Control of the sea routes by the Portuguese and competition from Bombay

Which of the above is/are correct?

- 1 Only
- 2 Only
- Both
- None

52. Consider the following statements about the proceedings of the Indian Parliament:

- The proceedings of the Parliament begin with zero hour.
- The question hour which follows zero hour, is characterized by MP asking questions from the government.
- Opposition parties are not allowed to raise any matter in the zero hour.

Choose the correct answer using the codes below:

- 1 and 2
- 2 and 3
- 1 and 3
- None of the above

53. Consider the following statements:

- A citizen can move the Supreme Court if s/he finds a law unfair or unconstitutional.
- The Supreme Court and High courts can scrap a law completely if it does not

conform to the constitutional framework.

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) Only 2

Which of these is/are true?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) None

54. The judiciary in India can resolve disputes legally between

- 1. Citizens
- 2. Citizens and Government
- 3. State governments
- 4. Central government and State governments

Choose the correct answer using the codes below:

- a) 1 and 2 only
- b) 1, 3 and 4 only
- c) All of the above
- d) 2, 3 and 4 only

55. Which of the following tribes belonged to nomadic pastoralists during medieval times in India?

- a) Banjara
- b) Koraga
- c) Bhil
- d) Vetars

56. Consider the following statements:

- 1. The Judiciary in India is an organ of the Government.
- 2. There is a hierarchy of courts in India with the Supreme Court at the top to which the other courts are subordinate.
- 3. All the courts in India have the power to uphold the law and enforce fundamental rights.

Choose the correct answer using the codes below:

57. Consider the following statements about Public Interest Litigation (PIL).

- 1. It need not be filed by the aggrieved party only.
- 2. It may be introduced *suo motu* by the court.
- 3. The provision of PIL is mentioned in the constitution of India.

Choose the correct answer using the codes below:

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) All of the above

58. Consider the following statements about the criminal justice system:

- 1. The right to be defended by a lawyer is a fundamental right.
- 2. The constitution places a duty on the state to provide a lawyer to any citizen who is unable to engage on due to poverty or other disability.

Which of these is/are true?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) None

59. Which of the following are a part of the Criminal Justice system in India?

- 1. Police
- 2. Public Prosecutor
- 3. Judge
- 4. Defense lawyer

Choose the correct answer using the codes below:

- a) Only 3
- b) 2, 3 and 4
- c) All of the above
- d) 1 and 2 only

- 3. The police can arrest a person for a cognizable offence without the permission of the court.

Choose the correct answer using the codes below:

60. Consider the following stages in the working of the Criminal Justice system.
- 1. Trial
 - 2. Sentencing
 - 3. Prosecution

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) All of the above

Arrange in the correct order in which they happen.

- a) 132
- b) 123
- c) 321
- d) 312

63. Safeguarding the rights of minorities in India is important for which of the following reasons?

- 1. To protect the rich cultural heritage
- 2. To ensure social justice
- 3. To prevent majority authoritarianism on issues related to political power and access to resources

61. In the criminal justice system, consider the following statements about the role of the Police.

- 1. It investigates complaints about the commissioning of a crime with the statement of witnesses and evidences.
- 2. It files a charge sheet in the court.
- 3. It can punish the criminal based on the charges it has framed against him or her.

Choose the correct answer using the codes below:

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) All of the above

Choose the correct answer using the codes below:

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) All of the above

64. Consider the following provisions.

- 1. Reservation of SCs and STs in government jobs
- 2. SC & ST (Prevention of Atrocities) Act 1989
- 3. Employment of Manual Scavengers and Construction of Dry Latrines (Prohibition) Act.

62. Consider the following statements about First Information Report (FIR).

- 1. Only with the filing of an FIR can the police start investigating a complaint.
- 2. It is registered whenever a person gives information about a cognizable offence.

Which of these have been enacted in the spirit of Article 15, 16 and 17 of the Indian constitution?

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) All of the above

65. A system called rakhi was introduced by the Sikh army to

- a) To protect samanthas on payment of tribute
- b) To protect cultivators on payment of certain tax
- c) To villages on payment of property tax
- d) None of the above

66. Consider the following statements about the Forest Rights Act 2006 concerning Scheduled Tribes and other Traditional forest dwellers.

- 1. It recognizes their right to homestead and cultivable land in the forest.
- 2. It allots these land deprived communities one-tenth of an acre of land in the forest land.
- 3. It recognizes the right of these communities to conserve biodiversity and forests.
- 4. It recognizes their right to timber as well as non-timber produce from forests.
- 5. Gram Sabha is the authority identifying the forest rights of these communities and individuals therein.

Choose the correct answer using the codes below:

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

67. Which of the following diseases can be caused due to drinking non-potable water?

- 1. Diarrhoea
- 2. Cholera
- 3. Dysentery
- 4. Chickengunya
- 5. Japanese Encephalitis

Choose the correct answer using the codes below:

- a) 1, 2 and 3

- b) All of the above
- c) 3, 4 and 5 only
- d) 1 and 2 only

68. Which of the following rights have been recognized under the Right to Life under Article 21 by the courts?

- 1. Right to safe drinking water
- 2. Right to food
- 3. Right to a speedy trial

Choose the correct answer using the codes below:

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) All of the above

69. Consider the following statements about the Government annual budget.

- 1. It includes an account of the expenses on programmes incurred in the last financial year.
- 2. It mentions the sources of revenue for the government to meet its expenses in the coming financial year.
- 3. It mentions all the sources of capital for the government to meet its expenses in the coming financial year.

Choose the correct answer using the codes below:

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) All of the above

70. Ibadat khana at Fatehpur Sikri was used by Akbar

- a) To have leisure time with his royal family members
- b) To discuss religious matters with various religious scholars
- c) To pursue his literary activities
- d) None of the above

71. Consider the following statements:
1. Minimum wages in India is regulated by government.
 2. Working at lower than minimum wages can be classified as exploitation under the Fundamental rights enshrined in the Indian constitution.

Which of these is/are true?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) None

72. Researchers at the Cavendish Laboratory of the Cambridge University for the very first time have developed a graphene-based flexible screen. Consider the following statements about Graphene.

1. Graphene is a 2D (two-dimensional) material comprising of sheets of carbon atoms.
2. It is amongst the strongest, most lightweight and flexible materials identified till date.
3. Graphene is more elastic than usual ceramic substitutes like Indium-Tin oxide (ITO) and more transparent than metal films.

Choose the correct answer using the codes below:

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) All of the above

73. Which of the following gases are powerful ozone depletors?

1. Chloro-fluoro carbons (CFCs)
2. Hydro- fluoro carbons (HFCs)
3. Halons
4. Nitrous oxide

Choose the correct answer using the codes below:

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

74. The Union Ministry of Science & Technology has announced KIRAN (Knowledge, Involvement, Research, and Advancement through Nurturing) scheme. Consider the following statements about it.

1. The scheme aims to bring about gender equality, as far as possible, in the field of Science and Technology.
2. It will provide research grants particularly to those female researchers and technologists who had to take a break in career owing to household reasons.

Which of these is/are true?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) None

75. The Central Board of Excise and Customs (CBEC) has warned its offices at ports about smuggling of ozone-depleting materials as there has been a fresh surge in efforts to unlawfully ship R-22 gas. Consider the following statements about this gas.

1. It is used in refrigerants and air-conditioners (ACs).
2. The gas is banned in India.
3. It has Ozone Depletion Potential (ODP) and High Global Warming Potential (GWP).

Choose the correct answer using the codes below:

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) All of the above

76. *Tarikh* (singular) / *tawarikh* (plural), written in Persian, the language of administration under the Delhi Sultans, were „histories“ written by scholars then. With reference to this, consider the following statements

1. The authors of *tawarikh* advised rulers on governance, emphasising the importance of just rule
2. The authors of *tawarikh* lived in cities
3. They often wrote their histories for Sultans in the hope of rich rewards

Which of the above statements is/are correct?

- a) 1 and 2 Only
- b) 2 and 3 Only
- c) 1 and 3 Only
- d) All

77. The government initiative „digital cloud“ for every Indian means

- a) Every Indian citizen will get a personal storage space on the web for storing the data s/he wants.
- b) Every Indian citizen will get a personal storage space on the web on which his/her identity details like biometric identity, educational background, work history, criminal history etc. will be accessible.
- c) Every Indian citizen’s government issued certificates (like education, birth etc.) will be stored in a digital locker on the web.
- d) None of the above

78. “The Green Bus project” was recently launched in Nagpur with the launch of an environment-friendly public bus. The buses launched under the project will run on

- a) Ethanol
- b) Biodiesel
- c) Green Diesel
- d) Biofuel gasoline

79. The World Health Organisation (WHO) has recently approved the use of drug ZMapp to combat the spread of a fatal disease. It has been done to contain?

- a) Ebola Virus
- b) Enterovirus
- c) Corona virus
- d) None of the above

80. Consider the following statements about the „Pulayar“ community in Kerala.

1. They believe in practices like exorcism.
2. Kōlam-thullal, a mask dance, is performed by them.
3. Mudi-āttam, hair-dance, which has its origins in a fertility ritual, is also performed by them.

Choose the correct answer using the codes below:

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) All of the above

81. The carbon stored in these is known as „blue carbon“ as they absorb carbon dioxide from atmosphere. Which of the fall in this category?

1. Mangrove forests
2. Pytoplanktons
3. Marsh grass

Choose the correct answer using the codes below:

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All of the above

82. With reference to tax collection and revenue matters during the Delhi Sultanate period, consider the following statements

1. Alauddin Khalji brought the assessment and collection of land revenue under the own control of the state
2. The rights of the local chieftains to levy taxes were cancelled and they were also forced to pay taxes
3. Kharaj was a tax imposed on ownership of cattle

Which of the above statements is/are correct?

- a) 1 and 2 Only
- b) 2 and 3 Only
- c) 1 and 3 Only
- d) All

83. A web portal named MyGov.in was recently launched by the new government. The portal allows which of the following activities by the youth?

1. Discussing ideas
2. Volunteering for a local social cause
3. Donation for social causes

Choose the correct answer using the codes below:

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All of the above

84. Consider the following statements

1. Nouveau of Guillaume de l'Isle, a French scholar, visited India and stayed here during early Eighteenth century
2. Al Idrisi was an Arabic geographer who drew first accurate map of India including Sri Lanka in 12th century showing their positions exactly as they are today

3. Minhaj-I-Siraj was a Persian scholar who the principal historian for the Mamluk Sultanate of Delhi

Which of the above statements is/are correct?

- a) 1 and 2 Only
- b) 3 Only
- c) 1 and 3 Only
- d) 2 Only

85. Consider the following statements

1. In the thirteenth century, the word „Hindustan“ connoted land between Kashmir and South India
2. By sixteenth century, the word „Hindustan“ had come to be associated with the political and national connotation

Which of the above statements is/are correct?

- a) 1 Only
- b) 2 Only
- c) Both
- d) None

86. Consider the following statements

1. Hanafi and Shafi'i are two of the four schools of jurisprudence within the Sunni branch of Islam
2. The Shafi'i school is the dominant school of jurisprudence amongst Muslims in India

Which of the above statements is/are correct?

- a) 1 Only
- b) 2 Only
- c) Both
- d) None

87. In the apsidal end of the Vishwakarma chaitya hall is a stupa on the face of which a colossal 3.30 m high seated Buddha in *vyakhyana mudra* (teaching posture) is carved.

The above mentioned statue of Buddha is found in which of the following places in India?

- a) Ellora caves
- b) Ajanta caves
- c) Nagarjunasagar
- d) Rajgir

88. Consider the following statements

- 1. Brahmadeya was a grant of land given to Brahmanas by the South Indian kings
- 2. Nagaram was an association of prominent Brahmanas to look after the administration of towns during the Chola period

Which of the above is/are correct?

- a) 1 Only
- b) 2 Only
- c) Both
- d) None

89. With reference to Qutb Minar and its complex, consider the following statements

- 1. Qutb Minar is made of red sandstone covered with intricate carvings and verses from the Qur'an.
- 2. Smith's Folly is a small structure located in the Qutb Minar complex and was once part of the Qutb Minar itself

Which of the above statements is/are correct?

- a) 1 Only
- b) 2 Only
- c) Both
- d) None

90. With reference to administration during Delhi Sultanate period, consider the following statements

- 1. Bandagan were special slaves bought by Sultans from Persia for military services
- 2. Bandagans were never appointed as generals and governors

Which of the above statements is/are correct?

- a) 1 Only
- b) 2 Only
- c) Both
- d) None

91. With reference to Mughals, consider the following statements

- 1. They were the direct descendants of Mongol warriors from both their mother's and father's sides
- 2. Mughal paintings prominently portray the picture of Chengiz Khan, their ancestor, in most of their miniature paintings

Which of the above statements is/are INCORRECT?

- a) 1 Only
- b) 2 Only
- c) Both
- d) None

92. Consider the following statements:

- 1. Generally, metallic minerals are most likely to be found in igneous and metamorphic rocks.
- 2. Non-metallic minerals are most likely to be found in sedimentary rocks.

Which of these is/are true?

- a) 1 only
- b) 2 only
- c) Both
- d) None

93. With reference to Akbar's idea of *sulh-i kul*, consider the following statements
1. It focused on a system of ethics – honesty, justice, peace – that was universally applicable
 2. This principle was followed by Jahangir and Shah Jahan as well

Which of the above statements is/are correct?

- a) 1 Only
- b) 2 Only
- c) Both
- d) None

94. Between the seventh and tenth centuries architects started adding more rooms, doors and windows to buildings. Roofs, doors and windows were still made by placing a horizontal beam across two vertical columns. This technique of architecture is called as
- a) Trabeate
 - b) Corbelled
 - c) Both a and b
 - d) None of the above

95. During the later years of the Mughal Empire, in certain part of the empire, some developments allowed new social groups, like moneylenders and bankers to emerge. Which of the following development was a major contributor?
- a) Introduction of *jagirdari* system
 - b) Introduction of *ijardari* system
 - c) Introduction of *subadari* system
 - d) None of the above

96. Consider the following statements about the Mars Orbiter Mission (MOM).
1. Mars Orbiter Mission is India's first interplanetary mission to planet Mars.
 2. Its scientific objective is exploration of Mars surface features, mineralogy and Martian atmosphere by indigenous scientific instruments.
 3. One of its technical objectives is to develop and mature technology required for deep space communication, navigation, mission planning and management.

Choose the correct answer using the codes below:

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) All of the above

97. With reference to kathak dance, consider the following statements
1. It was performed in the Mughal court
 2. It was viewed with disfavour by most British administrators in the nineteenth and twentieth centuries
 3. The kathaks were originally a caste of story-tellers in temples of north India

Which of the above statements is/are correct?

- a) 1 and 2 Only
- b) 2 and 3 Only
- c) 1 and 3 Only
- d) All

98. The Right to constitutional remedies is referred to as the „conscience“ of the constitution. A citizen can move the Supreme Court for enforcing which of these rights below?

1. Right to education.
2. Right to a pollution free environment
3. Right to safeguard cultural heritage and religious beliefs of minorities

Choose the correct answer using the codes below:

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) All of the above

99. Thorium is being considered as a future nuclear fuel. Consider the following statements it.

1. Monazite is a commercial source for extracting thorium.
2. Unlike natural uranium, thorium contains very little of the fissile material.

3. India has the highest reserves of thorium in the world.

Choose the correct answer using the codes below:

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All of the above

100. Which of the following towns emerged as temple towns in ancient India?

1. Tanjavur
2. Somanth
3. Vidisha

Choose the correct answer using the codes below

- a) 1 and 2 Only
- b) 2 and 3 Only
- c) 1 and 3 Only
- d) All