

Model Test Paper 25
General Study Paper I

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TEST BOOKLET
GENERAL STUDIES
Paper-I

A

Time Allowed : Two Hours

Maximum Marks : 200

INSTRUCTIONS

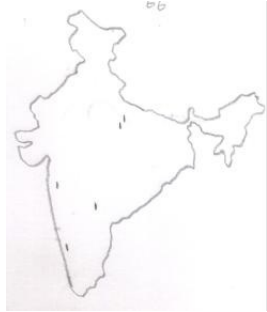
1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION YOU SHOULD CHECK THAT THE TEST BOOKLET *DOES NOT* HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS, ETC, IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
2. **Please note that it is the candidate's responsibility to encode and fill in the Roll Number and Test Booklet Series A, B, C or D carefully and without any omission or discrepancy at the appropriate place 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.
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.
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.

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<p>1. Charcoal is added to the sugar at the time of manufacturing because</p> <p>(a) It reduces all impurities (b) It oxidises the sugar (c) It reduces the colouring (d) It causes the whiteness in the sugar</p> <p>2. Match the following</p> <p>A. Leishmania 1. Yellow fever B. Trypanosoma 2. Malaria C. Tse-Tse fly 3. Lack of sleeping D. Plasmodia 4. Kala Azar</p> <p>(a) A-2, B-1, C-4, D-3 (b) A-1, B-3, C-2, D-4 (c) A-4, B-3, C-1, D-2 (d) A-3, B-4, C-1, D-2</p> <p>3. Fiscal policy means</p> <p>(a) The credit policy (b) The external debt policy (c) The policy of expenditure and public debt (d) All of these</p> <p>4. Why is water in a pond cooler even on a hot day</p> <p>(a) Surface water goes on evaporating taking heat from the water so water becomes cooler (b) The surrounding earth of the pond absorbs the heat of the water (c) Water cannot be heated from the surface downwards (d) None of these</p> <p>5. Which of the following statements are correct?</p> <p>1. The projected average rate gross capital formation in the 12th Plan is 37 per cent of GDP 2. The projected gross domestic savings rate is 34.2 per cent of GDP 3. The net external financing needed for macro economic balance has been placed at 2.9 per cent of GDP</p> <p>(a) 1 and 2 (b) 1 and 3</p>	<p>(c) 2 and 3 (d) 1, 2 and 3</p> <p>6. The 12th Plan seeks to achieve ---- agriculture sector growth during 2012-17</p> <p>(a) 3 per cent (b) 3.2 per cent (c) 3.5 per cent (d) 4 per cent</p> <p>7. The growth target for manufacturing sector in the 12th plan has been pegged at?</p> <p>(a) 9 per cent (b) 10 per cent (c) 11 per cent (d) 12 per cent</p> <p>8. Which of the following statements are correct about the growth of agriculture in India?</p> <p>1. Agriculture in the 11th plan period grew at 3.3 percent 2. In the 10th plan agriculture grew at 2.4 percent</p> <p>(a) Only 1 is correct (b) Only 2 is correct (c) Both 1 and 2 are correct (d) Neither 1 nor 2 is correct</p> <p>9. The total 12th five year plan size has been estimated at</p> <p>(a) Rs.47.0 lakh crore (b) Rs.47.2 lakh crore (c) Rs.47.5 lakh crore (d) Rs.47.7 lakh crore</p>
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<p>10. Which of the following statements are correct about the 12th plan target on poverty alleviation?</p> <ol style="list-style-type: none">1. It plans to bring down the poverty ratio by 10 percent2. At present, the poverty is around 30 per cent of the population <p>(a) Only 1 is correct (b) Only 2 is correct (c) Both 1 and 2 are correct (d) Neither 1 nor 2 is correct</p> <p>11. Which of the following are the are major thrust areas in 12th plan</p> <p>(a) transport and banking (b) Infrastructure and bond market (c) Health and education (d) Health and rural development</p> <p>12. Who gave Rabindra Nath Tagore the title of "Gurudev"?</p> <p>(a) British crown (b) Jawaharlal Nehru (c) Shantiniketan people (d) Mahatma Gandhi</p> <p>13. Which one of the following is not required for the formation of photochemical smog?</p> <p>(a) Oxygen (b) Oxide of nitrogen (c) Carbon mono oxide (d) Sun light</p> <p>14. With reference to earthquakes, which of the following statements is not correct?</p> <p>(a) L waves travel along the surface of the earth's crust (b) As the waves propagate, they move material in a path parallel to the direction of movement (c) S waves move objects at right angle to their direction of movement (d) S waves propagate through even liquid material</p>	<p>15. Which of the following statements are correct?</p> <ol style="list-style-type: none">1. Youthful topography is characterised by comparatively a few streams but ususally with low gradients.2. In mature topography, the main streams have their valleys cut to base level and are at grade <p>(a) 1 only (b) 2 only (c) Both 1 and 2 (d) Neither 1 nor 2</p> <p>16. The following map shows the industrial distribution of</p>  <p>(a) Coaches and Wagons (b) Machine tools (c) Aircrafts (d) Pharmaceuticals</p> <p>17. Which of the following statements are correct?</p> <ol style="list-style-type: none">1. The structure of the interior of the earth is deduced with the help of seismic waves2. The 'S' waves travel in solid, liquid and gas while the 'P' waves travel only in solid <p>(a) 1 only (b) 2 only (c) Both 1 and 2 (d) Neither 1 nor 2</p> <p>18. The Gujral Doctrine is a set of five principles to guide the conduct of India's foreign relations with</p> <p>(a) Asia (b) South Asia (c) World (d) Pakistan</p>
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<p>19. Which of the following statements are correct about the Micronutrient deficiency in Indian soils?</p> <ol style="list-style-type: none"> 1. Micronutrient deficiency in Indian soils is on increase 2. Zn deficiency was first noticed in rice in tarai soils & in wheat in soils of Punjab 3. The alluvial soils are rich in potash and calcium but are deficient in organic matter, nitrogen and phosphorus <p>(a) 1 and 2 (b) 2 and 3 (c) 1 and 2 (d) 1, 2 and 3</p> <p>20. The word "Satyagraha" was used for the first time in</p> <p>(a) Champaran (b) Kheda (c) Anti Rowlatt agitation (d) Civil Disobedience movement</p> <p>21. In an electronic watch, the component corresponding to pendulum of a pendulum clock is a</p> <p>(a) transistor (b) crystal oscillation (c) diode (d) balance wheel</p> <p>22. What is the correct sequence of the following in a heart attack?</p> <ol style="list-style-type: none"> 1. Narrowing of the inner orifice of the vessel 2. 'Plaque' from fibrous tissue and high cholesterol 3. Inadequate supply of blood and oxygen 4. Clots of blood carried into the coronary arteries <p>(a) 1, 2, 3, 4 (b) 2, 4, 1, 3 (c) 2, 3, 1, 4 (d) 4, 2, 1, 3</p> <p>23. In the case of a 'Test tube baby'</p> <p>(a) fertilization takes place inside the test-tube (b) development of the baby takes place inside the</p>	<p>test-tube</p> <p>(c) fertilization takes place outside the mother's body (d) unfertilized egg develops inside the test-tube</p> <p>24. Which one of the following is the most fundamental difference between the Mahayana Buddhism and Hinayana Buddhism?</p> <p>(a) Emphasis on ahimsa (b) Casteless society (c) Worship of gods and goddesses (d) Worship of stupa</p> <p>25. Which one of the following is the correct sequential order in which these appeared under simulated primitive earth condition?</p> <p>(a) Methane, Hydrogen cyanide, nitrites, aminoacids (b) Hydrogen cyanide, methane, nitrites, aminoacids (c) Aminoacids, nitrites, Hydrogen cyanide, methane (d) Nitrites, aminoacids, methane, Hydrogen cyanide</p> <p>26. Which of the following is/are used as a biofertilizers?</p> <ol style="list-style-type: none"> 1. Azolla 2. Blue-green algae 3. Alfalfa <p>(a) 1 alone (b) 1 and 2 (c) 1 and 3 (d) 1, 2 and 3</p> <p>27. Even though an animal is fed with carbohydrate-rich diet, its blood sugar concentration tends to remain constant. This is on account of the fact that in the case of an animal</p> <p>(a) hormones of pituitary glands control metabolic process (b) hormones of pancreas cause such a condition (c) blood sugar is readily absorbed by the liver (d) glucose undergoes autolysis</p>
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<p>28. Fiscal deficit in the Union Budget means</p> <p>(a) the sum of budgetary deficit and net increase in internal and external borrowings</p> <p>(b) the difference between current expenditure and current revenue</p> <p>(c) the sum of monetized deficit and budgetary deficit</p> <p>(d) net increase in the Union Government's borrowings from the Reserve Bank of India</p> <p>29. Who among the following are appointed by the President of India?</p> <p>1. The chairman, Finance Commission 2. The Deputy Chairman, Planning Commission 3. The Chief Minister of a Union Territory</p> <p>(a) 1 only (b) 1 and 2 (c) 1 and 3 (d) 1, 2 and 3</p> <p>30. Those who joined Mahatma Gandhi during Champaran struggle included</p> <p>(a) Vallabhbhai Patel and Vinobha Bhave (b) Jawaharlal Nehru and Rajendra Prasad (c) Rajendra Prasad and Anugraha Narayan (d) Mahadev Desai and Maniben Patel</p> <p>31. Which of the following are characteristics shown by a breast fed baby when compared to a bottle fed baby?</p> <p>1. It is less obese 2. It shows greater capacity to resist disease 3. It gets more vitamins and proteins 4. Its growth in height is abnormal</p> <p>(a) 1, 2 and 3 (b) 1, 2 and 4 (c) 1, 3 and 4 (d) 2, 3 and 4</p> <p>32. The founder of the Boy Scouts and Civil Guides movement in India was</p> <p>(a) Charles Andrews (b) Robert Montgomery</p>	<p>(c) Richard Temple (d) Baden Powell</p> <p>33. Acid precipitation is now regarded as a serious problem in some European and Asian countries. Its major cause or source is</p> <p>(a) discharge of acidic effluents into neutral or slightly alkaline land where the acidic components precipitate</p> <p>(b) emission of sulphur oxidized and nitrogen oxides from thermal power plants and burning of fossil fuels : these oxides dissolve in atmospheric water vapour and fall back on earth as acid rain</p> <p>(c) natural carbon dioxide released during respiration of living organism dissolves in water, forming carbonic acid which is the chief contributor to acidity in rain water</p> <p>(d) chlorofluorocarbons readily react with various chemicals near the earth's surface, producing acidic intermediates which cause acid precipitation</p> <p>34. The growth rate of which one of the following sectors has very low employment elasticity?</p> <p>(a) Manufacturing (b) Construction (c) Financial services (d) Mixed farming</p> <p>35. Which one of the following colloidal system is represented by fog</p> <p>(a) Liquid in gas (b) Gas in liquid (c) Solid in gas (d) Liquid in liquid</p> <p>36. Which of the following were the main objectives of the Khilafat Movement?</p> <p>1. To rouse Anti-British feelings among the Muslims of India 2. To reform the Muslim society 3. To demand separate electorates and preserve Khilafat 4. To save the Ottoman empire and preserve Khilafat</p> <p>(a) 1 and 2 (b) 2 and 3 (c) 3 and 4 (d) 1 and 4</p>
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<p>37. The earnings of India from diamond exports is quite high. Which one of the following factors has contributed to it?</p> <p>(a) Pre-independence stock-piling of diamonds in the country which are now exported</p> <p>(b) Large production of industrial diamonds in the country</p> <p>(c) Expertise available for cutting and polishing of imported diamonds which are then exported</p> <p>(d) As in the past, India produces huge quantity of gem diamonds which are exported</p> <p>38. When the Couple Protection Rate is going up</p> <p>(a) birth rate must necessarily fall</p> <p>(b) birth rate will fall only if couples are of younger age</p> <p>(c) death rate must necessarily fall</p> <p>(d) infant mortality rate must be falling</p> <p>39. Poison glands of snakes are homologous to</p> <p>(a) electric organs of fishes</p> <p>(b) stings of rays</p> <p>(c) sebaceous glands of mammals</p> <p>(d) salivary glands of vertebrates</p> <p>40. Which one of the following is not an astronomical object</p> <p>(a) Pulsar</p> <p>(b) Brittle Star</p> <p>(c) Black hole</p> <p>(d) Quasar</p> <p>41. A Zero rate of inflation obtains necessarily in a year where the annual rate of inflation</p> <p>(a) in every week of the year is Zero</p> <p>(b) is falling in every year of the week</p> <p>(c) is both falling and rising in a year</p> <p>(d) is constant in every week of the year</p>	<p>42. Match the following</p> <p>(Characteristic) (Animal)</p> <p>A. Wingless insect 1. Kiwi</p> <p>B. Flightless bird 2. Silver fish</p> <p>C. Limbless reptile 3. Turtle</p> <p>D. Lungless insect 4. Snake</p> <p>5. Fish</p> <p>(a) A-1, B-3, C-2, D-5</p> <p>(b) A-2, B-1, C-4, D-5</p> <p>(c) A-2, B-1, C-3, D-4</p> <p>(d) A-3, B-1, C-4, D-2</p> <p>43. In jainism 'perfect knowledge' is referred to as</p> <p>(a) jina</p> <p>(b) ratna</p> <p>(c) kaivalya</p> <p>(d) nirvana</p> <p>44. Three communicable diseases prevalent in developing countries caused by unsafe drinking water and bad sanitation are</p> <p>(a) acute diarrhoea, cancer and gout</p> <p>(b) malaria, acute diarrhoea and schistosomiasis</p> <p>(c) onchocerciasis, leukaemia and arthritis</p> <p>(d) rheumatism, malaria and AIDS</p> <p>45. Which one of the following is a feature common to both the Indian Federation and the American Federation?</p> <p>(a) a single citizenship</p> <p>(b) Three lists in the Constitution</p> <p>(c) Dual judiciary</p> <p>(d) A federal supreme court to interpret the Constitution</p> <p>46. Which one of the following is in the concurrent list in the Constitution of India?</p> <p>(a) Population control and family planning</p> <p>(b) Public health and sanitation</p> <p>(c) Capitation taxes</p> <p>(d) Treasure trove</p>
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<p>47. Which one of the following approaches comes under the category of biotechnology</p> <p>(a) Use of living organisms or substances obtained from them in industrial processes</p> <p>(b) Modernizing the commercial industries to produce products for use in biological research</p> <p>(c) Use of modern technology to investigate biological disorders</p> <p>(d) Use of industrial technology to increase the biosphere</p> <p>48. Which one of the following seeds can benefit a patient of diabetes mellitus by normalising his blood sugar level?</p> <p>(a) Coriander seeds</p> <p>(b) Mustard seeds</p> <p>(c) Cumin seeds</p> <p>(d) Fenugreek seeds</p> <p>49. Consider the following passage :</p> <p>"In the course of a career on the road spanning almost thirty years, he crossed the breadth of the Eastern hemisphere, visited territories equivalent to about 44 modern countries, and put behind him a total distance of approximately 73,000 miles"</p> <p>The world's greatest traveller of pre-modern times to whom the above passage refers is</p> <p>(a) Megasthenes</p> <p>(b) Fa-Hien</p> <p>(c) Marco Polo</p> <p>(d) Ibn Battuta</p> <p>50. Which one of the following statements regarding the office of the Speaker is correct?</p> <p>(a) He holds office during the pleasure of the President</p> <p>(b) He need not be member of the House at the time of his election but has to become a member of the House within six months from the date of his election</p> <p>(c) He loses his office if the House is dissolved before the end of its normal tenure</p> <p>(d) If he intends to resign the letter of his resignation is to be addressed to the Deputy speaker</p>	<p>51. Scratching eases itching because</p> <p>(a) it removes the outer dust in the skin</p> <p>(b) it kills the germs</p> <p>(c) it stimulates certain nerves which direct the brain to increase the production of antihistaminic chemicals</p> <p>(d) it suppresses the production of enzymes which cause itching</p> <p>52. A rainy day as defined by the Indian Meteorological Department is a day when the rainfall at a point received is</p> <p>(a) 0.5 mm to 1 mm in 24 hours</p> <p>(b) 1.2 mm to 1.5 mm in 24 hours</p> <p>(c) 1.6 mm to 2 mm in 24 hours</p> <p>(d) Above 2.5 mm in 24 hours</p> <p>53. Haemophilia is a hereditary disease carried by</p> <p>(a) females and expressed by females</p> <p>(b) females and expressed by males</p> <p>(c) males and expressed by females</p> <p>(d) males and expressed by males</p> <p>54. Soils of western Rajasthan have a high content of</p> <p>(a) Aluminium</p> <p>(b) Calcium</p> <p>(c) Nitrogen</p> <p>(d) Phosphorous</p> <p>55. Which one of the following comes under the jurisdiction of both the High Court and the Supreme Court?</p> <p>(a) Dispute between the Centre and the States</p> <p>(b) Disputes between the States inter se</p> <p>(c) Protection of the Fundamental Rights</p> <p>(d) Protection against the violation of the Constitution</p>
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<p>56. Which of the following statements are correct about the Anti-Defection Act?</p> <ol style="list-style-type: none">1. The Anti-Defection Act — was included in the Constitution in 1985 by the Rajiv Gandhi ministry2. The law was added via the 52nd Amendment Act3. It is contained in Article 395 of the Constitution <p>(a) 1 only (b) 1 and 2 (c) 1 and 3 (d) 1, 2 and 3</p> <p>57. "Indian cotton merchant ; banker ; Congress man and a close associate of Mahatma Gandhi". This description fits</p> <p>(a) G. D. Birla (b) M. R. Jayakar (c) Jamnalal Bajaj (d) V. S. Srinivasa Sastri</p> <p>58. Match the following</p> <p>(Features of the Indian Constitution) (Borrowed from)</p> <p>A. Fundamental Rights 1. U.K. B. Parliamentary system of Government 2. U.S.A. C. Emergency provisions 3. Ireland D. Directive Principles of State Policy 4. German Reich 5. Canada</p> <p>(a) A-2, B-4, C-5, D-1 (b) A-5, B-1, C-3, D-4 (c) A-2, B-1, C-4, D-3 (d) A-1, B-2, C-4, D-3</p> <p>59. The blood pressure values of four persons are given below:</p> <p>Mrs. X : 90/60 Mr. X : 160/120 Mr. Y : 120/80 Mrs. Y : 140/100</p> <p>Who among the following has normal blood pressure?</p> <p>(a) Mrs. X (b) Mr. X (c) Mrs. Y (d) Mr. Y</p>	<p>60. The foundation of modern educational system in India was laid by</p> <p>(a) The Charter Act of 1813 (b) Macaulay's Minutes of 1835 (c) The Hunter commission of 1882 (d) Wood's despatch of 1854</p> <p>61. The formation of brilliant colours in a thin soap film is a consequence of the phenomena of</p> <p>(a) multiple reflection and interference (b) multiple refraction and dispersion (c) diffraction and dispersion (d) polarisation and interference</p> <p>62. Camel uses its hump for</p> <p>(a) storing water (b) storing fat (c) balancing the body during walking in desert sand (d) temperature regulation</p> <p>63. The basic difference between imperative and indicative planning is that</p> <p>(a) in the case of the imperative planning the market mechanism is entirely replaced by a command hierarchy, while in the case of indicative planning, it is looked upon as a way to improve the functioning of the market system (b) in the case of indicative planning there is no need to nationalise any industry (c) in the case of indicative planning all economic activities belong to the public sector, while in the other type they belong to the private sector (d) it is easier to achieve targets in imperative type of planning</p>
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<p>64. Which of the following statements regarding the Constituent Assembly are true?</p> <ol style="list-style-type: none">1. It was not based on adult franchise2. It resulted from direct elections3. It was a multi-party body4. It worked through several committees <p>(a) 1 and 2 (b) 2 and 3 (c) 1 and 4 (d) 1, 2, 3 and 4</p> <p>65. Biofilms are</p> <p>(a) colour films used by biologists to photograph living organisms (b) photomicrographs of micro-organisms from various habitats (c) accumulation of micro-organisms at surface such as those of a rock, a tooth or an oil droplet (d) photographic films made through fermentation processes of certain industrial micro-organisms</p> <p>66. The following map shows the industrial distribution of</p>  <p>(a) Silk and Synthetic (b) Wool (c) Cotton (d) Handloom</p> <p>67. Mahatma Gandhi was referred to as "the Father of the Nation" first by</p> <p>(a) Jawaharlal Nehru (b) Vallabhbhai Patel</p>	<p>(c) C. Rajagopalachari (d) Subhash Chandra Bose</p> <p>68. Which one of the following strongly threatens biodiversity?</p> <p>(a) Fragile ecosystems such as mangroves and wetlands (b) Inaccessible habitats in the Himalayas (c) Destruction of natural habitats and vegetation and shifting cultivation (d) Creation of biosphere reserves</p> <p>69. Next to Hindi, the language spoken by the largest number of people in the Indian subcontinent is</p> <p>(a) Urdu (b) Telgu (c) Bengali (d) Tamil</p> <p>70. Which of the following statements are correct?</p> <ol style="list-style-type: none">1. The coastal area between the Eastern Ghats and the Bay of Bengal is narrower than the coastal area between the Western Ghats and the Arabian Sea2. The Indus rises near Mansarovar in Tibet and finally falls in the Arabian Sea near Karachi <p>(a) 1 only (b) 2 only (c) Both 1 and 2 (d) Neither 1 nor 2</p> <p>71. The pitch of the voice of women is in general</p> <p>(a) higher than that of men (b) marginally lower than that of men (c) much lower than that of men (d) the same as that of men</p> <p>72. The heart of the human embryo starts beating</p> <p>(a) in the first week of its development (b) in the third week of its development (c) in the fourth week of its development (d) in the sixth week of its development</p>
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73. Match the following

(Crops) (Crop Pests)

- A. Rice 1. Aphid
B. Wheat 2. Gundhi bug
C. Sugarcane 3. Greasy cutworm
D. Gram 4. Top shoot borer moth
5. Bollworm

- (a) A-2, B-3, C-4, D-5
(b) A-3, B-1, C-2, D-4
(c) A-2, B-1, C-4, D-3
(d) A-5, B-4, C-1, D-3

74. The length of its day and the tilt of its axis are almost identical to those of the earth. This is true of

- (a) Uranus
(b) Neptune
(c) Saturn
(d) Mars

75. If father has blood group A and mother has blood group O then which one of the following blood groups may be found in their son?

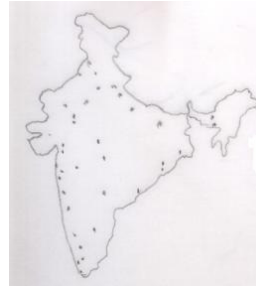
- (a) B
(b) AB
(c) A
(d) B, AB or O

76. Which of the following statements are correct about India's Missile defence shield?

1. India has developed a missile defence shield which can be put in place at short notice to protect at least two cities
2. It has been developed by Defence Research and Development Organisation
3. It can destroy an incoming ballistic missile with the range of up to 5,000 km

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

77. The following map shows the industrial distribution of



- (a) Chemicals and Allied industries
(b) Paper and Newsprint
(c) Wool
(d) Radio and Electronics

78. Which of the following is the correct sequence of thermal power plants from north to south?

- (a) Durgapur, Farakka, Bongaigaon, Barauni
(b) Barauni, Bongaigaon, Durgapur, Farakka
(c) Bongaigaon, Barauni, Durgapur, Farakka
(d) Bongaigaon, Barauni, Farakka, Durgapur

79. Carbapenems are one of the antibiotics of last resort for many bacterial infections, such as

- (a) Streptococcus
(b) E. coli
(c) Salmonella
(d) Gonococcus


80. Which of the following is the correct sequence of the lakes from north to south?

- (a) Linganamakki Sagar, Krishna Sagar, Bhavani Sagar
(b) Krishna Sagar, Linganamakki Sagar, Bhavani Sagar
(c) Bhavani Sagar, Linganamakki Sagar, Krishna Sagar
(d) Linganamakki Sagar, Bhavani Sagar, Krishna Sagar

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<p>81. Which of the following disease has been declared a notifiable disease?</p> <p>(a) Malaria (b) Dengue (c) Swine Flu (d) TB</p> <p>82. The E-waste Management and Handling Rules put the onus of e-waste management on</p> <p>(a) Manufacturers (b) Retailers (c) Buyers (d) All of the above</p> <p>83. Consider the following map of south eastern region. Which of the following thermal power plant is shown in the map?</p>  <p>(a) Chandrapur (b) Champa (c) Talcher (d) Jharsuguda</p> <p>84. Match the following</p> <p>A. Basic inexhaustible source of energy - 1. Hydel Power B. Conventional renewable source of energy - 2. Tidal energy C. Non Conventional renewable source of energy - 3. Solar energy D. Non Conventional non renewable source of energy - 4. Natural gas</p> <p>(a) A-3, B-2, C-1, D-4</p>	<p>(b) A-2, B-3, C-4, D-1 (c) A-2, B-1, C-3, D-4 (d) A-3, B-1, C-2, D-4</p> <p>85. Which of the following statements are related to the favourable condition for the growth of tobacco?</p> <p>1. A moderately high temperature 2. Height 1000 m below mean sea level 3. A heavy average annual rainfall 4. Red soil</p> <p>(a) 3 and 4 (b) 2 and 4 (c) 1 and 4 (d) 1 and 3</p> <p>86. One Billion Rising is concerned with</p> <p>(a) Environmental concern (b) Rights of Children (c) Violence against Women (d) Occupy Movement</p> <p>87. Hornbill Festival - 'Festival of Festivals' is a festival of</p> <p>(a) Meghalaya (b) Tripura (c) Nagaland (d) Assam</p> <p>88. What is Dolby Atmos</p> <p>(a) A Beta particle (b) A super elemnet (c) A Protozoan (d) A surround sound technology</p> <p>89. Common but Differentiated responsibilities principle is associated with</p> <p>(a) UN Humanitarian Missions (b) G20 (c) Climate Deal (d) World Bank</p>
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<p>90. Which of the following statements are correct about the Doha climate change deal?</p> <ol style="list-style-type: none">Poor countries have won historic recognition of the plight as they have received for the first time the assurances from rich nations that they will receive funds to repair the "loss and damage" incurred.The deal also provides for the legal framework in which the rich countries will have to compensate the poor countries <p>(a) Only 1 is correct (b) Only 2 is correct (c) Both 1 and 2 are correct (d) Neither 1 nor 2 is correct</p> <p>91. Which of the following statements are correct?</p> <ol style="list-style-type: none">India has developed the world's first vaccine against Japanese Encephalitis (JE)Bharat Biotech International, in collaboration with Pune's National Institute of Virology, has developed a vaccine that is effective against the Indian strain causing Japanese EncephalitisThe strain of the JE virus was collected from Kolar in Karnataka, a hotbed for JE infections <p>(a) 1 only (b) 1 and 2 (c) 1 and 3 (d) 1, 2 and 3</p> <p>92. Which of the following statements are correct about the atlas of Human Immune cells?</p> <ol style="list-style-type: none">Researchers have created the first ever "atlas" of immune cells in the human bodyT cells, a type of white blood cell, play a major role in cell-mediated immunity, in which the immune system produces various types of cells to defend the body against pathogens, cancer cells, and foreign substances <p>(a) Only 1 is correct (b) Only 2 is correct (c) Both 1 and 2 are correct (d) Neither 1 nor 2 is correct</p> <p>93. Scientists studying data from the the Large Hadron Collider have announced the possible discovery of how many Higgs boson</p> <p>(a) 1</p>	<p>(b) 2 (c) 3 (d) 4</p> <p>94. Quantum Stealth camouflage is concerned ith</p> <p>(a) Making missiles invisible (b) Making submarines invisible (c) Making Jets invisibles (d) Making soldiers invisible</p> <p>95. What is Magnetic Highway?</p> <p>(a) A high speed Magnetic track for bullet trains (b) A missile shield (c) A new region of the solar system (d) High tradable sea navigation path</p> <p>96. Which of the following statements are correct about the Curiosity (rover)?</p> <ol style="list-style-type: none">Curiosity is a car-sized robotic rover exploring Gale Crater on Mars as part of NASA's Mars Science Laboratory mission (MSL)The rover's goals include investigation of the Martian climate and geologyCuriosity's design will serve as the basis for a planned unnamed 2020 Mars rover mission <p>(a) 1 and 2 (b) 1 and 3 (c) 2 and 3 (d) 1, 2 and 3</p> <p>97. Which of the following statements are correct about the image of double helix of DNA?</p> <ol style="list-style-type: none">Scientists have for the first time captured a direct image of the double helix of DNAThe image was captured using a scanning electron microscopePreviously the DNA helix could only be detected using a technique known as X-ray crystallographyAlong with RNA and proteins, DNA is one of the three major macromolecules that are essential for all known forms of life <p>(a) 1 and 2 (b) 1, 2 and 4 (c) 2, 3 and 4 (d) 1, 2, 3 and 4</p>
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98. Match the following

A. Rice - 1. Maharashtra
B. Jowar - 2. Orissa
C. Jute - 3. Karnataka
D. Coffee - 4. West Bengal

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

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

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

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

99. Which of the following state has the highest Inland – Man-made Wetlands?

(a) Tamil Nadu

(b) Jammu and Kashmir

(c) Andhra Pradesh

(d) Karnataka

100. Which of the following species of trees is confined from 2000 metres to 2500 metres of altitude in the Himalayas

(a) Khair

(b) Teak

(c) Deodar

(d) Rosewood

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Answer Sheet

	A	B	C	D		A	B	C	D		A	B	C	D		A	B	C	D		A	B	C	D
1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	21	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	41	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	61	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	81	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	22	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	42	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	62	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	82	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	23	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	43	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	63	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	83	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	24	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	44	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	64	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	84	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	25	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	45	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	65	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	85	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	26	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	46	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	66	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	86	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	27	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	47	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	67	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	87	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	28	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	48	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	68	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	88	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
9	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	29	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	49	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	69	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	89	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
10	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	30	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	50	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	70	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	90	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
11	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	31	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	51	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	71	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	91	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
12	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	32	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	52	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	72	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	92	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
13	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	33	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	53	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	73	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	93	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
14	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	34	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	54	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	74	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	94	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
15	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	35	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	55	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	75	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	95	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
16	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	36	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	56	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	76	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	96	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
17	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	37	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	57	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	77	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	97	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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20	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	40	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	60	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	80	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	100	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>