

Model Test Paper 58
General Studies Paper I

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TEST BOOKLET
GENERAL STUDIES
Paper-I

D

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. With reference to soil conservation, consider the following practices :</p> <ol style="list-style-type: none">1. Crop rotation2. Sand fences3. Terracing4. Wind breaks <p>Which of the above are considered appropriate methods for soil conservation in India ?</p> <p>(a) 1, 2 and 3 only (b) 2 and 4 only (c) 1, 3 and 4 only (d) 1, 2, 3 and 4</p> <p>2. Which of the following are neglected when taking GDP a measure of growth?</p> <ol style="list-style-type: none">1. Equality2. Social cohesion3. Environment <p>(a) Only 1 (b) 1 and 2 (c) 1 and 3 (d) 1, 2 and 3</p> <p>3. Criteria used by the census of India to designate settlement as 'urban' are</p> <ol style="list-style-type: none">1. A minimum population of 5,0002. At least 75 per cent of the male main working population engaged in non-agricultural pursuits3. A density of population of at least 400 persons per sq. km <p>(a) Only 1 (b) 1 and 2 (c) 1 and 3 (d) 1, 2 and 3</p> <p>4. Which one of the following ports has been developed as the 12th major port of India?</p> <p>(a) Tuticorn (b) Jawaharlal Nehru (Navasheva) (c) Ennore (d) Marmagao</p> <p>5. Which one among the following gases is heavier than the others?</p> <p>(a) Carbon dioxide (b) Argon</p>	<p>(c) Oxygen (d) Nitrogen</p> <p>6. Among living organisms, which one of the following is the most responsible factor for bringing about the origin of a new species?</p> <p>(a) Isolation (b) Mutation (c) Natural selection (d) Sexual reproduction</p> <p>7. Ticks and mites are actually</p> <p>(a) Arachnids (b) Crustaceans (c) Insects (d) Myriapods</p> <p>8. With reference to the blood in a normal person, which one of the following statements is correct?</p> <p>(a) Compared to arteries, veins are less numerous and hold less of the body's blood at any given time (b) Blood cells constitute about 70 percent of the total volume of the blood (c) White blood cells (WBC) are made by lymph nodes only (d) The blood has more platelets than WBC</p> <p>9. Octopus is</p> <p>(a) an arthropod (b) an echinoderm (c) a hemichordate (d) a mollusc</p> <p>10. The Golden Revolution in India refers to increased production of</p> <p>(a) Oilseeds (b) Cotton (c) Fish (d) Horticulture</p>
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<p>11. Combustion of coal and oil releases</p> <ol style="list-style-type: none">1. Carbon dioxide2. Sulfur dioxide3. Nitrogen oxides4. Carbon monoxide <p>(a) Only 2 (b) 1 and 2 (c) 1, 2 and 3 (d) 1, 2, 3 and 4</p> <p>12. Generally the coral polyps are found between the latitudes of</p> <p>(a) 5o - 25o N (b) 5o - 25o S (c) 25o N and 25o S (d) 35o - 65o N and S</p> <p>13. The subsistence agriculture in India is characterised by</p> <ol style="list-style-type: none">1. Small and scattered holdings2. Majority of farmers practice it3. Most of the food production is marketed <p>(a) Only 1 (b) 1 and 2 (c) 1 and 3 (d) 1, 2 and 3</p> <p>14. Shanti Van is the cremation site of</p> <p>(a) Indira Gandhi (b) Lal Bahadur Shastri (c) Jawaharlal Nehru (d) Rajiv Gandhi</p> <p>15. Who was the principal designer of the Taj Mahal?</p> <p>(a) Hanspat Rai (b) Ata-ullah (c) Shah Jahan (d) Ustad Ahmad Lahauri</p>	<p>16. Which of the following was established for making an investigation into the working of the constitution as set up in 1921 under the India Act of 1919?</p> <p>(a) Muddiman Committee (b) Hunter Commission (c) Hartog Commission (d) Butler Committee</p> <p>17. Maximum water vapour that exists in the atmosphere by its volume of air is</p> <p>(a) 1 - 2 percent (b) 3 - 4 percent (c) 5 - 6 percent (d) 8 - 10 percent</p> <p>18. The districts of Gulbarga, Bagalkot, Belgaum, Shimoga of the karnataka are endowed with high grade</p> <p>(a) Mica (b) Zinc (c) Dolomite (d) Limestone</p> <p>19. Which of the following fertilizer has maximum number of primary plant nutrients ?</p> <p>(a) DAP (b) TSP (c) Murate of Potash (d) Ammonium nitrate</p> <p>20. Inflation measured in terms of WPI is called</p> <p>(a) Core inflation (b) Food inflation (c) Headline inflation (d) None of the above</p>
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<p>21. Who lays down the necessary guidelines for such recognition of the Parliamentary parties?</p> <p>(a) The Prime Minister</p> <p>(b) The Constitution has defined it</p> <p>(c) The Parliament</p> <p>(d) The Speaker</p> <p>22. With reference to the Non-banking Financial Companies (NBFCs) in India, consider the following statements :</p> <p>1. They cannot engage in the acquisition of securities issued by the government</p> <p>2. They cannot accept demand deposits like Savings Account</p> <p>Which of the statements given above is/are correct ?</p> <p>(a) 1 only</p> <p>(b) 2 only</p> <p>(c) Both 1 and 2</p> <p>(d) Neither 1 nor 2</p> <p>23. The banks were nationalised to</p> <p>(a) ensure their greater penetration into 'unbanked/underbanked' areas</p> <p>(b) ensure their reach to the 'unreachable'</p> <p>(c) Both the above statements are right</p> <p>(d) Both the above statements are wrong</p> <p>24. Which of the following are the "Ratna" categories in which the Public Sector Undertakings in India are categorised?</p> <p>1. Maharatna</p> <p>2. Navratna</p> <p>3. Miniratna Category-I</p> <p>4. Miniratna Category-II</p> <p>(a) Only 2</p> <p>(b) 1 and 2</p> <p>(c) 1, 2 and 3</p> <p>(d) 1, 2, 3 and 4</p> <p>25. Which of the following was not one of the people to have propounded the so called 'two-nation theory' prior to Pakistan resolution of the Muslim League?</p> <p>(a) Sir Sayyad Ahmed Khan</p> <p>(b) Vir Savarkar</p>	<p>(c) Lord Curzon</p> <p>(d) Mohammad Iqbal</p> <p>26. Which of the following statements are correct?</p> <p>1. Vinaya Patrika contains hymns to different Hindu deities especially to Lord Rama</p> <p>2. It was written by Namdev</p> <p>(a) Only 1</p> <p>(b) Only 2</p> <p>(c) Both 1 and 2</p> <p>(d) Neither 1 nor 2</p> <p>27. Jawaharlal Nehru said "Another name has been added to the long and splendid roll of Indian martyrs. Let us bow our heads and pray for strength to act to carry on the struggle, however long it may be and whatever consequences, till the victory is ours ". To whom was he referring in saying so?</p> <p>(a) Lala Lajpat Rai</p> <p>(b) Bal Gangadhar Tilak</p> <p>(c) Sardar Bhagat Singh</p> <p>(d) Jatin Das</p> <p>28. Which of the following wasn't a reform introduced by William Bentinck?</p> <p>(a) Abolishment of Sati</p> <p>(b) Suppression of the organised band of thugs</p> <p>(c) Suppression of Infanticide and Child-sacrifices</p> <p>(d) Abolishment of Slavery</p> <p>29. The war between Chandragupta Maurya and Nanda kings is described in</p> <p>(a) Dipavamasa</p> <p>(b) Puranas</p> <p>(c) Mudrarakshasa</p> <p>(d) None of the above</p> <p>30. Taqavi in medieval India were</p> <p>(a) land tax</p> <p>(b) Grazing tax</p> <p>(c) Octroi</p> <p>(d) loans to the peasants</p>
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<p>31. Which of the following statements are correct?</p> <ol style="list-style-type: none">1. The total membership of the Constituent Assembly was 3892. The membership of the Assembly was reduced to 299 on setting up of a separate Constituent Assembly was set up for Pakistan <p>(a) Only 1 (b) Only 2 (c) Both 1 and 2 (d) Neither 1 nor 2</p> <p>32. Which one of the following is NOT true about procurement of foodgrains ?</p> <p>(a) It is done in crops like wheat, rice and coarse grains (b) Foodgrains are purchased on minimum support prices (c) Larger part of foodgrains is distributed through Public Distribution System (d) Food Corporation of India is the only agency for procuring foodgrains</p> <p>33. What was Dastur during the Mughal emperor Akbar's reign?</p> <p>(a) Octroi (b) Alm to religious leaders (c) Fixed cash revenue rates (d) Trade tax for foreigners</p> <p>34. Under which of the land revenue system the state's share was seized directly from the field?</p> <p>(a) Ijara (b) Zabti (c) Ghalla bakhshi (d) All of the above</p> <p>35. Which of the following official's main function was to assess the revenue?</p> <p>(a) Amin (b) Karori (c) Qanungo (d) Amil</p>	<p>36. Who was the local revenue official of the pargana in the medieval India?</p> <p>(a) Chaudhari (b) Karori (c) Amin (d) Qanungo</p> <p>37. Leafy vegetables are generally high in</p> <ol style="list-style-type: none">1. Water2. Carbohydrates3. Proteins4. Fats <p>(a) Only 1 (b) 1 and 2 (c) 1 and 4 (d) 2 and 3</p> <p>38. Cantaloup refers to</p> <p>(a) Oranges (b) Beet root (c) Sugarbeat (d) Melons</p> <p>39. Which of the following statements are correct?</p> <ol style="list-style-type: none">1. Bulbs are enlargements below the roots2. Bulbs are generally higher in carbohydrates <p>(a) Only 1 (b) Only 2 (c) Both 1 and 2 (d) Neither 1 nor 2</p> <p>40. K.V.K. means</p> <p>(a) Kisan Vigyan Kendra (b) Krishi Vikas Kendra (c) Krishi Vigyan Kendra (d) Kisan Vikas Kendra</p>
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<p>41. The highest share of agricultural commodity in export of India is that of</p> <p>(a) Rice (b) Cashew (c) Sugarcane (d) Fruits</p> <p>42. Which of the following Constitution amendment set the precedent of amending the Constitution to overcome judicial judgements impeding fulfilment of the government's perceived responsibilities to particular policies and programmes?</p> <p>(a) First (b) Forty Second (c) Forty Fourth (d) Fifty Second</p> <p>43. Which of the following statements are correct about Dengue?</p> <p>1. Dengue is transmitted by several species of mosquito within the genus Aedes 2. Dengue is also known as breakbone fever</p> <p>(a) Only 1 (b) Only 2 (c) Both 1 and 2 (d) Neither 1 nor 2</p> <p>44. Which among the following words appears first in the Preamble to the Constitution of India?</p> <p>(a) Equality (b) Justice (c) Liberty (d) Fraternity</p> <p>45. Which of the following are the Committees on Panchayati Raj?</p> <p>1. Balwant Rai Mehta Committee 2. Ashok Mehta Committee 3. G.V.K Rao committee 4. Dr.L.M.Singhvi Committee</p> <p>(a) Only 1 (b) 1 and 2</p>	<p>(c) 1, 2 and 3 (d) 1, 2, 3 and 4</p> <p>46. A 'Nagar Panchayat is constituted in a</p> <p>(a) Small urban area (b) Large urban area (c) Metropolitan area (d) None of the above</p> <p>47. 86th Amendment, 2002 inserted</p> <p>(a) Right to Education under Article 21A (b) Fundamental Article 51K (c) Both of the above (d) None of the above</p> <p>48. Which of the following is essential for the production of amino acids?</p> <p>(a) Calcium (b) Sulphur (c) Magnesium (d) Manganese</p> <p>49. Which of the following statements are correct about the District planning committees?</p> <p>1. District Planning Committee(DPC) is the committee created as per article 243ZD of the Constitution of India at the district level 2. It consists of the members of the Municipalities 3. It consists of the members of the Panchayats</p> <p>(a) Only 1 (b) Only 2 (c) 2 and 3 (d) 1, 2 and 3</p> <p>50. The 11th Schedule of the Indian Constitution is concerned with the</p> <p>(a) Panchayats and Nagarpalikas (b) State Fianance Commission (c) Minorities (d) Panchayats</p>
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<p>51. The idea of G20 was proposed by</p> <p>(a) Paul Martin (b) John Major (c) Bill Clinton (d) George W Bush</p> <p>52. Which of the following statements is false?</p> <p>(a) India is a secular state with equality to all religions (b) India does not have an official religion (c) No religious instruction is given in the government aided schools (d) The word 'secular' was inserted in the Preamble by the 44th Amendment, 1976</p> <p>53. The Battle of Saragarhi was fought in</p> <p>(a) Punjab (b) North East (c) North West Frontier Province (d) Burma</p> <p>54. Namdhari movement also called Kuka movement was started by whom and when?</p> <p>(a) Bhai Dial Singh on 1st April, 1857 (b) Bhai Ram Singh on 12th April, 1857 (c) Bhai Dial Singh on 13th April, 1925 (d) Bhai Ram Singh on 13th April, 1925</p> <p>55. What moved Shahid Bhagat Singh in his early life to resist the English rule?</p> <p>(a) Non-cooperation movement (b) Simon Commission (c) Jallianwala Bagh Massacre (d) Naujuan Bharat Sabha</p> <p>56. What is correct about Singh Sabha ?</p> <p>(a) It was founded in 1907 at Lahore (b) It aimed at protecting the interests of Sikhs through education and literature</p>	<p>(c) It prescribed a social code of conduct for Sikhs (d) It was aimed at protecting the honour of Sikh women and children</p> <p>57. Which of the following is not a traditional Punjabi dance ?</p> <p>(a) Sammi (b) Vain (c) Gidha (d) Bhangra</p> <p>58. Which of the following correctly describes the magnetic field near a long straight wire carrying current?</p> <p>(a) The field consists of straight lines perpendicular to the wire (b) The field consists of straight lines parallel to the wire (c) The field consists of radial lines originating from the wire (d) The field consists of concentric circles centred on the wire</p> <p>59. Which of the following statements are correct?</p> <p>1. Charaka was one of the principal contributors to the ancient art and science of Ayurveda 2. Charaka is also referred to as the Father of Medicine 3. He was the author of Charaka Samhita 4. Charaka was the court physician of Kanishka</p> <p>(a) 1 and 3 (b) 1 and 4 (c) 1, 2 and 3 (d) 1, 2, 3 and 4</p> <p>60. In the parlance of financial investments, the term 'bear' denotes</p> <p>(a) An investor who feels that the price of a particular security is going to fall (b) An investor who expects the price of particular shares to rise (c) A shareholder or a bondholder who has an interest in a company, financial or otherwise (d) Any lender, whether by making a loan or buying a bond</p>
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<p>61. A biofertiliser which can be used as dual crop is</p> <p>(a) Green manure (b) Azolla (c) VAM (d) Rhizobium</p> <p>62. At the time of a short circuit, the current in the circuit</p> <p>(a) reduces substantially (b) does not change (c) increases heavily (d) varies continuously</p> <p>63. Which of the following constitutes a food chain?</p> <p>(a) Grass, wheat and mango (b) Grass, goat and human (c) Goat, cow and elephant (d) Grass, fish and goat</p> <p>64. The, xylem in plants are responsible for</p> <p>(a) Transport of water (b) Transport of food (c) Transport of amino acids (d) Transport of oxygen</p> <p>65. Usually the outside rear view mirrors of a motor vehicle are</p> <p>(a) Concave mirrors (b) Convex mirrors (c) Plane mirrors (d) Concavo convex mirrors</p> <p>66. Which of the following animal represents the birth of the Buddha?</p> <p>(a) Elephant (b) Bull (c) Horse (d) Lion</p>	<p>67. Which of the following Act provided for the first time of a Legislative Council?</p> <p>(a) The Indian Councils Act 1861 (b) The Indian Councils Act 1892 (c) Government of India Act 1909 (d) Government of India Act 1919</p> <p>68. Which of the following statements are correct about Guru Govindgiri?</p> <p>1. He was the founder of the Samp Sabha 2. He organised the Bhils and tribals to raise the banner of freedom, at Mangarh hills in 1908</p> <p>(a) Only 1 (b) Only 2 (c) Both 1 and 2 (d) Neither 1 nor 2</p> <p>69. Who among the following propagated the idea of Cultural Revolution under Socialism ?</p> <p>(a) Marx (b) Mao-Tse-Tung (c) Lenin (d) Stalin</p> <p>70. Match the following:</p> <p>A. The Factories Act - 1. 1948 B. The Air (Prevention and Control of Pollution) Act - 2. 1982 C. The Atomic Energy Act - 3. 1981</p> <p>(a) A-1, B-2, C-3 (b) A-2, B-1, C-3 (c) A-3, B-1, C-2 (d) A-1, B-3, C-2</p>
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<p>71. Which of the following statements is/are correct?</p> <ol style="list-style-type: none">1. The Department of Environment was established in India in 19802. The Ministry of Environment and Forests was established in 19853. The EPA (Environment Protection Act) was enacted in the wake of the Bhopal Gas Tragedy <p>(a) Only 1 (b) 1 and 3 (c) Only 2 (d) 1, 2 and 3</p> <p>72. Which of the following statements are correct?</p> <ol style="list-style-type: none">1. During the Mughal days luxury items were produced in the karkhanas2. The luxury goods were exported <p>(a) Only 1 (b) Only 2 (c) Both 1 and 2 (d) Neither 1 nor 2</p> <p>73. Farrukhsiyar Farman was issued to the British East India Company in</p> <p>(a) 1710 (b) 1717 (c) 1719 (d) 1756</p> <p>74. Which of the following statements are correct?</p> <ol style="list-style-type: none">1. The English East India Company received the grant of Diwani in 17652. With the grant of Diwani the English Company came to control the treasury of Bengal3. The Diwani was granted by Shah Alam I <p>(a) Only 1 (b) Only 2 (c) 1 and 2 (d) 1, 2 and 3</p> <p>75. The regional kingdom of "Hyderabad was founded by</p> <p>(a) Chinkilich Khan</p>	<p>(b) Osman Ali Khan (c) Asaf Jah (d) Mir Qamar-ud-Din Siddiq</p> <p>76. The Budget session of the Parliament is held from</p> <p>(a) February to June (b) January to May (c) February to April (d) February to May</p> <p>77. Which of the following statement is/are correct about the Aranyakas?</p> <ol style="list-style-type: none">1. The Aranyakas are the concluding parts of the Brahmanas2. They were specially written for the understanding of the common people <p>(a) Only 1 (b) Only 2 (c) Both 1 and 2 (d) Neither 1 nor 2</p> <p>78. Corrected vision of human eye can be achieved by prescription glasses which use the principle of</p> <p>(a) Reflection (b) Refraction (c) Chromatic Aberration (d) None of these</p> <p>79. Which of the following statements is/are correct?</p> <ol style="list-style-type: none">1. Sublimation is the transition of a substance directly from the solid to the gas phase without passing through the intermediate liquid phase2. Sublimation is an exothermic phase transition <p>(a) Only 1 (b) Only 2 (c) Both 1 and 2 (d) Neither 1 nor 2</p>
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<p>80. Which of the following facts are correct about speed and velocity?</p> <ol style="list-style-type: none">1. Speed is the distance travelled by a body in a particular time2. Speed must be in a particular direction3. Velocity is the speed in a particular direction4. Both speed and velocity depend on distance and time <p>(a) 1, 2 and 3 (b) 2, 3 and 4 (c) 1, 3 and 4 (d) 1, 2, 3 and 4</p> <p>81. Vaccines are used to build immunity to disease by</p> <p>(a) simulating disease in the body to produce antibodies (b) injecting antibodies in blood stream (c) enhancing immunity by a large dose of vitamins (d) enhancing immunity by a large dose of enzymes</p> <p>82. Rate of cooling of a body depends on</p> <p>(a) Its size and the velocity of air around it (b) Difference in temperature between the body and the surroundings (c) Method of heat transfer (d) Is independent of the temperature of surroundings</p> <p>83. An aircraft, which is heavier than air, flies in air due to</p> <p>(a) Buoyancy (b) Forward motion of the aircraft (c) Difference in pressure on the upper and lower sides of the Wings (d) Jet propulsion</p> <p>84. Woollen clothes keep us warm during winter, which of the following facts is incorrect?</p> <p>(a) Wool is a bad conductor of heat (b) Electro-static charge of fibres retains heat (c) Wool keeps air trapped in its fibres</p>	<p>(d) Wool resists escape of body heat to environment</p> <p>85. Densities of water and ice are</p> <p>(a) Equal (b) Different (c) Can be equal or different (d) None of the above</p> <p>86. Which of the following statements are correct about the atom?</p> <ol style="list-style-type: none">1. Atom is the smallest particle of an element2. Atom can retain chemical properties of the element3. The typical sizes are around 10pm4. Atoms have well defined boundaries <p>(a) Only 1 (b) 1 and 2 (c) 1, 2 and 3 (d) 1, 2, 3 and 4</p> <p>87. At what temperature do the Celsius and Fahrenheit scales will read the same?</p> <p>(a) -32 degree (b) 32 degree (c) 40 degree (d) -40 degree</p> <p>88. Which of the following was not part of Gondwanaland (South Pangaea)?</p> <p>(a) North America (b) Africa, Madagascar (c) Peninsular India (d) Australia and Antarctica</p> <p>89. How many major plates are found in the lithosphere?</p> <p>(a) 4 (b) 5 (c) 6 (d) 7</p>
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<p>90. The concept of sea floor spreading was propounded by</p> <p>(a) W. J. Morgan (b) Le Pichon (c) H. Hess (d) Mckezie</p> <p>91. Which one of the following statement is true of braided streams?</p> <p>(a) Width of the channel is less than its depth (b) Width and depth of the channel are equal (c) Width of the channel is greater than its depth (d) Width of the channel is unrelated to its depth</p> <p>92. In which of the following frequency ranges the human ear is most sensitive to noise?</p> <p>(a) 1 - 2 KHz (b) 3 - 4 KHz (c) 10 - 12 KHz (d) 13 - 16 KHz</p> <p>93. A seismogram records the following types of earthquake waves</p> <p>(a) L - waves (b) P - waves (c) S - waves</p> <p>The correct chronological sequence of the arrival of these waves is :</p> <p>(a) (b), (c) and (a) (b) (b), (a) and (c) (c) (c), (a) and (b) (d) (a), (b) and (c) arrive at the same time</p> <p>94. Consider the following about the Himalayan orogeny:</p> <p>(a) The orogeny resulted from the southward movement (b) The orogeny began about 25 million years ago (c) The orogeny closed about 1 million years ago (d) The Himalayas have a root of relatively light crustal rocks projecting into the denser mantle</p> <p>Which of the following combinations is correct?</p> <p>(a) (a) and (b)</p>	<p>(b) (c) and (d) (c) (a) and (c) (d) (a), (b) and (d)</p> <p>95. Winds blowing down an incline often due to cold air drainage are called</p> <p>(a) Anabatic winds (b) Mountain winds (c) Cyclonic winds (d) Katabatic winds</p> <p>96. The presence of pneumatophores is seen in</p> <p>(a) Desert plants (b) Climbers and lianas (c) Trees of tropical moist forests (d) Mangroves</p> <p>97. Oxygen toxicity (in humans) is caused by</p> <p>(a) Inhalation of molecular oxygen (b) Generation of free radicals (c) Interactions of singlet oxygen with membrane (d) None of the above</p> <p>98. Which of the following shows bioaccumulation and contaminate food chains?</p> <p>(a) Pesticides (b) Polychlorinated biphenyls (c) POPs (d) All of the above</p> <p>99. Removal of which of the following impurities from contaminated water requires the of coagulants</p> <p>(a) Colloidal impurities (b) Dissolved solids (c) Micro organisms (d) All of the above</p>
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100. The following is a slow release Nitrogenous fertiliser	
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(a) CAN

(b) Urea

(c) Ureaform

(d) Anhydrous Ammonia

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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"/>
18	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	38	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	58	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	78	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	98	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>
19	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	39	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	59	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	79	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	99	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>
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"/>