

**Model Test Paper 18**  
**General Study Paper I**

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TEST BOOKLET  
GENERAL STUDIES  
Paper-I

**A**

**Time Allowed : Two Hours**

**Maximum Marks : 200**

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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. The Mahila Samakhya programme is concerned with</p> <p>(a) Women's health (b) Women's empowerment (c) Women's education (d) Women's employment</p> <p>2. Which of the following statements is not correct?</p> <p>(a) Tagore authored Gitanjali in 1912 (b) Tagore received Nobel prize for Gitanjali in 1913 (c) In 1914, the British Crown granted Tagore a knighthood (d) He renounced it after the 1919 Jallianwala Bagh massacre</p> <p>3. The following map shows the major producing area of</p>  <p>(a) Groundnuts (b) Grams (c) Pulses (d) Cotton</p> <p>4. Which of the following diseases have been targeted under the National Vector Borne Disease Control Programme?</p> <p>1. Malaria 2. Dengue 3. Encephalitis 4. Filariā</p> <p>(a) 1 and 2 (b) 2 and 4 (c) 2 and 3</p>	<p>(d) 1 and 4</p> <p>5. Refuse-derived fuel (RDF) or solid recovered fuel/ specified recovered fuel (SRF) is a fuel produced by shredding and dehydrating solid waste (MSW) with a Waste converter technology. RDF consists largely of</p> <p>1. plastics 2. biodegradable waste 3. glass 4. metals</p> <p>(a) 1 and 2 (b) 1 and 3 (c) 2 and 4 (d) 1, 2, 3 and 4</p> <p>6. Which of the following statements are correct about the Marine Products in India?</p> <p>1. India is the third largest fish producing country in the world 2. India ranks second in inland fish production 3. Exports of marine products have been erratic and on a declining trend due to anti-dumping procedure initiated by the EU and US markets</p> <p>(a) 1 and 2 (b) 1 and 3 (c) 2 and 3 (d) 1, 2 and 3</p> <p>7. Which of the following state has maximum number of boundary states</p> <p>(a) Madhya Pradesh (b) Assam (c) Orissa (d) Uttar Pradesh</p> <p>8. Which of the following statements are correct about India's Greenhouse Emissions?</p> <p>1. The per capita emissions are much lower compared to those of the developed countries. 2. India ranks in the top five in terms of GHG emissions.</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>
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<p>9. Which of the following statements are correct about the Indian oil and gas sector?</p> <ol style="list-style-type: none"><li>1. The oil &amp; gas sector meets more than two third of the total primary energy needs in the country</li><li>2. India is the sixth largest crude oil consumer in the world</li><li>3. India is the third largest crude oil importer</li></ol> <p>(a) 1 only (b) 1 and 2 (c) 1 and 3 (d) 1, 2 and 3</p> <p>10. Which of the following statements are correct about the gold consumption in India?</p> <ol style="list-style-type: none"><li>1. Gold has been a combination of investment tool and status symbol in India</li><li>2. Almost all of India's demand for raw gold is met through imports</li><li>3. There has been shift to non-jewellery items due to the declining real returns on the gamut of financial instruments available to the investor</li><li>4. The overarching motive underlying the gold rush is high inflation and the lack of financial instruments available to the average citizen, especially in the rural areas</li></ol> <p>(a) 1 and 3 (b) 2 and 4 (c) 1, 2 and 4 (d) 1, 2, 3 and 4</p> <p>11. Which of the following statements are correct about the capacity addition in the energy sector in India?</p> <ol style="list-style-type: none"><li>1. A capacity addition of 54,964 MW has been achieved during the Eleventh Plan</li><li>2. The capacity addition during the Twelfth Plan period is estimated at 88,537 MW</li></ol> <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>12. The production of exceptionally large crops of seeds by trees and shrub over large areas is known as</p> <p>(a) Blasting (b) Active dispersal (c) Seed explosion</p>	<p>(d) Masting</p> <p>13. Pindakara under the Mauryan rulers was a tax</p> <p>(a) paid in labour (b) on irrigation (c) on non-agricultural produce (d) collected jointly from a village</p> <p>14. What is a part of the root of a wetlands tree which emerges from the water in which the tree is growing ?</p> <p>(a) buttress (b) bench (c) rhizome (d) knee</p> <p>15. The following map shows the mineral distribution of</p>  <p>(a) Uranium (b) Diamond (c) Silver (d) Gold</p> <p>16. Who is the only president in India to have been elected twice for the post</p> <p>(a) Dr. Rajendra Prasad (b) Dr. Sarvepalli Radhakrishnan (c) Dr. Zakir Husain (d) Fakhruddin Ali Ahmed</p>
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<p>17. Which of the following statements are correct about the Vice-President of India?</p> <p>1. The Vice-President of India is third-highest ranking government official 2. The Vice-President has no legislative function</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>18. What functions is the reticular formation involved in</p> <p>(a) arousal and attention (b) controlling sensory functions (c) forming new memories (d) eyesight</p> <p>19. In Buddhism what does Patimokkha stand for?</p> <p>(a) A description of Mahayana Buddhism (b) A description of Hinayana Buddhism (c) The rules of the Sangha (d) The questions of King Menander</p> <p>20. Which of the following does not constitute one of the main exports of India?</p> <p>(a) Gems and jewelry (b) Ready made garments (c) Transport equipment (d) Precious and semi-precious stones</p> <p>21. Sal trees are concentrated in</p> <p>(a) Tamil Nadu (b) Assam (c) Chhattisgarh (d) Bihar</p> <p>22. The significance of zero has been mentioned in the Ganita Sara Samgraha by</p> <p>(a) Aryabhatta</p>	<p>(b) Brahmagupta (c) Susrata (d) Mahaviracharya</p> <p>23. The Bakhsali manuscript, written in the third or fourth century BC, on 72 leaves of birch bark, is an exclusively</p> <p>(a) Medical text (b) Language text (c) Astronomical text (d) Mathematical text</p> <p>24. Which of the following statements are correct?</p> <p>1. Surya Siddhanta is a treatise by Bhaskaracharya 2. In this treatise Bhaskaracharya rightly calculated the time taken by the earth to orbit the sun</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>25. Alzheimer's disease is caused partially by which of the following neurotransmitters</p> <p>(a) acetylcholine (b) dopamine (c) GABA (d) serotonin</p> <p>26. Name the major artery that is located on either side of the neck</p> <p>(a) Vena Cava (b) Cephalic (c) Carotid (d) Radial</p>
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<p>27. Which of the following statements are correct about Ayurveda?</p> <p>1. Ayurveda is a comprehensive system of medicine based on a holistic approach rooted in Vedic culture 2. Charaka, the father of medicine, consolidated Ayurveda 2500 years ago 3. "Prevention is better than cure" - is the principle followed by Ayurveda</p> <p>(a) 1 only (b) 1 and 2 (c) 1 and 3 (d) 1, 2 and 3</p> <p>28. Which one of the following mountain chains has two dissimilar types of vegetations on its two slopes?</p> <p>(a) Aravalis (b) Vindhayas (c) Eastern Ghats (d) Western Ghats</p> <p>29. Usually, gravity takes the waste materials down the drain and out of the house. How are suction and subsequent clogging issues avoided?</p> <p>(a) A specially trained plumber regularly cleans the drains from outside the house (b) Vent systems bring fresh air to the pipes (c) You just need to use aggressive cleaning detergents regularly (d) There is no such prevention, thus clogging happens a lot</p> <p>30. At the treatment facilities, the waste is usually put in a large pond to settle. Why?</p> <p>(a) This way, the liquid on top can be pumped into the recycling process while the solid waste may be used as fertilizer (b) Letting it settle allows the system to assess the quality of the waste (c) There is just too much waste to deal with, so there is a waiting system (d) It is not put anywhere to settle, it is immediately vaccinated with bacteria to clean up the dirt</p>	<p>31. Nowadays, there are more modern ways to filter dirty water. Which of the following is NOT one of those modern techniques?</p> <p>(a) Radioactive Recycling Unit (RRU) (b) Biological Aerated Filters (BAF) (c) Membrane Bioreactors (MBR) (d) Mechanical Biological Treatment (MBT)</p> <p>32. Which of the following stands for faith and fertility in the Indian flag</p> <p>(a) The Chakra (b) The saffron colour (c) The green colour (d) The white colour</p> <p>33. The rules and regulations upon how to fly the flag contained in the Flag code came into being in</p> <p>(a) 26th January 1950 (b) 26th January 1952 (c) 26th January 2002 (d) 26th January 2005</p> <p>34. Which of the following words is NOT associated with a tornado?</p> <p>(a) Whirling (b) Suck (c) Vortex (d) Predictable</p> <p>35. Snow that falls in the shape of a ball instead of a flake is called which of the following?</p> <p>(a) slunk (b) graupel (c) tank (d) coring</p>
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### General Study Paper I

<p>36. Which of the following statements are correct about the situation of Peacocks in India?</p> <p>1. Peacock is protected under the Indian Wildlife (Protection) Act, 1972 2. The Peacock is the national bird of India</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>37. The Golden Era of hockey in India was the period from 1928 - 1956 when India won</p> <p>(a) 4 consecutive gold medals in the Olympics (b) 5 consecutive gold medals in the Olympics (c) 6 consecutive gold medals in the Olympics (d) 7 consecutive gold medals in the Olympics</p> <p>38. The word "Veda" comes from the Sanskrit language and is derived from the verb root "vid" which means</p> <p>(a) To see (b) To hear (c) To read (d) To know</p> <p>39. What is the scientific name for the voice box</p> <p>(a) Lordosis (b) Labrum (c) Larynx (d) Lingula</p> <p>40. This is a salivary gland located at the base of each ear</p> <p>(a) Pituitary gland (b) Pineal gland (c) Prostate gland (d) Parotid gland</p> <p>41. Vaastu Shilpa shastra originates in the Stapatya Veda, a part of the</p>	<p>(a) Rigveda (b) Yajurveda (c) Samaveda (d) Atharvaveda</p> <p>42. The Supreme Court of India was inaugurated on</p> <p>(a) January 26, 1950 (b) January 27, 1950 (c) January 28, 1950 (d) January 28, 1958</p> <p>43. The Indian Parliament is competent to make laws on matters enumerated in the</p> <p>1. Union List 2. State List 3. Concurrent List 4. Matters not included in the State List or the Concurrent List</p> <p>(a) 1 and 2 (b) 1, 2 and 3 (c) 1, 3 and 4 (d) 1, 2, 3 and 4</p> <p>44. Who is the highest judicial authority in a district?</p> <p>(a) District Judge (b) Munsifs (c) Civil Judge (d) Sessions Judge</p> <p>45. The original Constitution of 1950 envisaged a Supreme Court with a Chief Justice and</p> <p>(a) 7 puisne Judges (b) 14 puisne Judges (c) 18 puisne Judges (d) 25 puisne Judges</p>
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<p>46. Which of the following are the qualifications in order to be appointed as a Judge of the Supreme Court?</p> <ol style="list-style-type: none"><li>1. The person must be a citizen of India</li><li>2. He must have been, for atleast five years, a Judge of a High Court or of two or more such Courts in succession</li><li>3. He must have been an Advocate of a High Court or of two or more such Courts in succession for at least 10 years</li><li>4. He must be, in the opinion of the President, a distinguished jurist</li></ol> <p>(a) 1 and 2 (b) 1, 2 and 4 (c) 1, 3 and 4 (d) 1 and any one of 2, 3 and 4</p> <p>47. Which of the following cells is incorrectly paired with its function</p> <p>(a) Macrophages-engulfs bacteria and viruses (b) Helper T-cell-lyses foreign cells (c) Cytotoxic T-cell-releases perforin that lyses infected cells (d) Plasma cell-produces antibodies</p> <p>48. Which blood transfusion would agglutinate blood</p> <p>(a) A donor to O recipient (b) A donor to AB recipient (c) A donor to A recipient (d) O donor to AB recipient</p> <p>49. Which fact about tornadoes is not true?</p> <p>(a) Like hurricanes, tornadoes in the southern hemisphere always spin clockwise (b) The most favorable month for tornadoes is May (c) A waterspout is a tornado over water (d) The scale used to measure tornado destructiveness is called the Fujita-Pearson Tornado Scale</p> <p>50. Census 2011 was the ---- National Census of the country</p> <p>(a) 12<sup>th</sup> (b) 13<sup>th</sup></p>	<p>(c) 14<sup>th</sup> (d) 15<sup>th</sup></p> <p>51. What is the main objective of the National Population Register developed in the Census 2011?</p> <p>(a) Maintaining complete information about the entire population (b) Planning and formulation of policies for Central &amp; State Governments (c) Better targeting of the benefits and services under the Government schemes/programmes (d) All of the above</p> <p>52. India's first national park (an IUCN category II protected area) was established in 1936 as</p> <p>(a) Bandhavgarh National Park (b) Gangotri National Park (c) Hazaribag National Park (d) Hailey National Park</p> <p>53. To generalise, the wettest regions of the world are the tropics, the driest, the poles. What is NOT a reason for this?</p> <p>(a) More convection with higher temperatures (b) Warm air contains more water vapour (c) More condensation nuclei in low latitudes (d) Bigger clouds in the tropics</p> <p>54. The following map shows the industrial distribution of</p> <div style="text-align: center;"></div> <p>(a) Sugar (b) Handloom (c) Food processing (d) Vegetable oil</p>
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<p>55. India supports a Nuclear policy of</p> <ol style="list-style-type: none"><li>1. No-first-use</li><li>2. Non-use of nuclear weapons against a non-nuclear weapon State</li></ol> <p>(a) 1 only (b) 2 only (c) Both 1 and 2 (d) Neither 1 nor 2</p> <p>56. India is a State Party to the</p> <ol style="list-style-type: none"><li>1. Biological and Toxic Weapons Convention</li><li>2. Chemical Weapons Convention</li></ol> <p>(a) 1 only (b) 2 only (c) Both 1 and 2 (d) Neither 1 nor 2</p> <p><i>The following 10 questions consist of two statements one labelled the "Assertion A" and the other as "Reasoning R". Examine these two carefully and answer as per the code below:</i></p> <p><i>a. Both Assertion and Reasoning are true and Reasoning is the correct explanation of the Assertion</i> <i>b. Both Assertion and Reasoning are true but reasoning is not the correct explanation of the Assertion</i> <i>c. Assertion is correct but the reasoning is false</i> <i>d. Assertion is false but the reasoning is true</i></p> <p>57. Assertion (A): The axis of the earth is tilted Reason (R): A combination of forces, pull of the sun, pull of the moon and the spinning action of the earth itself are at work on the earth</p> <p>(a) a (b) b (c) c (d) d</p> <p>58. Assertion (A): The earthquake regions of the earth and the areas of recent volcanic activity are roughly the same Reason (R): both these are regions where the earth's crust is not at rest</p> <p>(a) a (b) b (c) c (d) d</p>	<p>59. Assertion (A): The movement of winds is caused by areas of different pressure Reason (R): The winds always blow from the areas of high pressure to areas of low pressures</p> <p>(a) a (b) b (c) c (d) d</p> <p>60. Assertion (A): At birth, an infant already has all the nerve cells he will ever have Reason (R): The cells and their connections enables him to control his movement</p> <p>(a) a (b) b (c) c (d) d</p> <p>61. Assertion (A): The endocrine glands control the growth of our body Reason (R): The endocrine glands are the thyroid, the pituitary, the thymus and the sex glands</p> <p>(a) a (b) b (c) c (d) d</p> <p>62. Assertion (A): Children need more calories than the adults Reason (R): Older people cannot burn up the fuel as quickly</p> <p>(a) a (b) b (c) c (d) d</p> <p>63. Assertion (A): We feel cold after a bath Reason (R): The water which remains in contact with our warm skin is evaporating rapidly and cooling us off</p> <p>(a) a (b) b (c) c (d) d</p>
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<p>64. Assertion (A): Our body needs regular supply of Vitamin C Reason (R): The body is unable to store Vitamin C</p> <p>(a) a (b) b (c) c (d) d</p> <p>65. Assertion (A): A deficiency in the secretion of thyroid glands causes dwarfness in children Reason (R): The hormonal secretion of thyroid glands contain iodine</p> <p>(a) a (b) b (c) c (d) d</p> <p>66. Assertion (A): In summers the dark coloured clothes are more comfortable Reason (R): Dark coloured clothes are good absorbers of heat</p> <p>(a) a (b) b (c) c (d) d</p> <p>67. Which of the following statements are correct about the High Courts in India?</p> <p>1. There are 20 High Courts in the country 2. Four High Courts have jurisdiction over more than one State</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>68. In India, the problem of soil erosion is associated with</p> <p>1. Excessive rainfall 2. Deforestation 3. Excessive cultivation 4. Overgrazing</p> <p>(a) 1 and 2</p>	<p>(b) 1, 2 and 3 (c) 2, 3 and 4 (d) 2 and 4</p> <p>69. Antacids produced in the stomach chiefly contain two bases, namely ----- hydroxide and Aluminum hydroxide</p> <p>(a) Potassium (b) Magnesium (c) Sodium (d) Calcium</p> <p>70. Which of the following statements are correct</p> <p>1. Monetary policy is decided by the RBI. 2. Monetary policy is decided by the Ministry of Finance. 3. Fiscal policy is decided by the Ministry of Finance. 4. Fiscal policy is decided by the RBI</p> <p>(a) 1 and 2 (b) 2 and 4 (c) 1 and 3 (d) 2 and 4</p> <p>71. Karewas are terraces of glacial origin found in</p> <p>(a) Teesta valley (b) Ravi valley (c) Jhelum valley (d) Alaknanda valley</p> <p>72. Which metallic element is not naturally magnetic</p> <p>(a) Nickel (b) Molybdenum (c) Iron (d) Cobalt</p>
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<p>73. Which of the following activities come under the Liberalisation, Privatisation and Globalization undertaken in India?</p> <ol style="list-style-type: none"><li>1. Slackening of government regulations</li><li>2. Participation of private entities in businesses and services</li><li>3. Transfer of ownership from the public sector (or government) to the private sector</li><li>4. Consolidation of the Indian economy with the various economies of the world</li></ol> <p>(a) 1 and 2 (b) 1, 2 and 3 (c) 1, 2 and 4 (d) 1, 2, 3 and 4</p> <p>74. Which of the following is the correct sequence of the sea ports from north to south?</p> <p>(a) Kandla, Okha, Veraval, Porbandar (b) Okha, Kandla, Porbandar, Veraval (c) Kandla, Okha, Porbandar, Veraval (d) Kandla, Porbandar, Okha, Veraval</p> <p>75. Match the following forests with their locations</p> <p>A. Manas - 1. West Bengal B. Betla - 2. Assam C. Gorumara - 3. Jharkhand D. Mudumalai - 4. Tamil Nadu</p> <p>(a) A-1, B-3, C-2, D-4 (b) A-3, B-2, C-1, D-4 (c) A-2, B-3, C-1, D-4 (d) A-2, B-3, C-2, D-4</p> <p>76. At which of the following places do Ashoka's rock edicts occur?</p> <ol style="list-style-type: none"><li>1. Ahiraura</li><li>2. Dhauli</li><li>3. Girnar</li></ol> <p>(a) 1 only (b) 1 and 2 (c) 2 and 3 (d) 1, 2 and 3</p>	<p>77. What is the common name of Potassium nitrate</p> <p>(a) soap (b) aspirin (c) epsom salts (d) saltpeter</p> <p>78. India's Atomic Energy Regulatory Board (AERB) has joined the Multinational Design Evaluation Programme (MDEP). Which of the following statements are correct in this context?</p> <ol style="list-style-type: none"><li>1. The Multinational Design Evaluation Programme (MDEP) was launched in 2006</li><li>2. Its objective is to co-operate on safety reviews of designs of nuclear reactors</li><li>3. India is the first new member since its establishment</li><li>4. India has become the twelfth member of the organisation</li></ol> <p>(a) 1 and 2 (b) 1, 2 and 3 (c) 1, 2 and 4 (d) 1, 2, 3 and 4</p> <p>79. Which of the following statements are correct about Nuclear Reactors in India?</p> <ol style="list-style-type: none"><li>1. India has 18 operational nuclear power reactors</li><li>2. 10 nuclear power reactors are under construction</li></ol> <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>80. Which of the following statements are correct about the Pamban Bridge which suffered minor damages on 13 January 2013?</p> <ol style="list-style-type: none"><li>1. The Pamban Bridge is a cantilever bridge on the Palk Strait connects Rameswaram on Pamban Island to mainland India</li><li>2. It is both the road bridge and the cantilever railway bridge</li><li>3. It is the longest sea bridge in India</li></ol> <p>(a) 1 only (b) 2 and 3 (c) 1 and 2 (d) 1, 2 and 3</p>
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<p>81. Which of the following vegetable makes the eyes all teary due to the propanthial S-oxide it contains</p> <p>(a) chillies (b) carrots (c) onions (d) capsicum</p> <p>82. The following map shows the major producing area of</p>  <p>(a) Coffee (b) Tea (c) Coconut (d) Pepper</p> <p>83. Which is not a main component of food</p> <p>(a) Minerals (b) Carbohydrates (c) Proteins (d) Lipids</p> <p>84. Match List I with List II and select the correct answer using the code given below the lists</p> <p>List I ----- List II (Founders) ----- (Journals)</p> <p>(a) Zafar Ali Khan ----- 1. Kudi Arasu (b) B.C. Horniman ----- 2. Kisan Bulletin (c) E.V.R. Naicker Periyar ----- 3. Bombay Chronicle (d) Indulal Yagnik ----- 4. Zamindar</p> <p>Code A B C D</p> <p>(a) 4 2 3 1 (b) 4 3 1 2 (c) 1 3 2 4 (d) 1 2 3 4</p>	<p>85. Which disaccharide is composed of glucose and fructose</p> <p>(a) Trehalose (b) Maltose (c) Sucrose (d) Lactose</p> <p>86. What enzyme is used to break down starches</p> <p>(a) Lipase (b) Amylase (c) Carbohydrase (d) Protease</p> <p>87. Match the following Dam with the River on which they are located</p> <p>A. Nagarjunsagar - 1. Mahanadi B. Matatila - 2. Barkar C. Maithon - 3. Krishna D. Hirakud - 4. Betwa</p> <p>(a) A-3, B-4, C-1, D-2 (b) A-3, B-4, C-2, D-1 (c) A-1, B-4, C-2, D-3 (d) A-1, B-2, C-4, D-3</p> <p>88. Which of the following statements are correct about the Antecedent drainage stream?</p> <p>1. An antecedent stream is a stream that maintains its original course and pattern despite the changes in underlying rock topography 2. The Peninsular Rivers are great examples of antecedent origin</p> <p>(a) 1 only (b) 2 only (c) Both 1 and 2 (d) Neither 1 nor 2</p> <p>89. The G-20, G20, and Group of Twenty refers to</p> <p>(a) The Group of Twenty Finance Ministers (b) The Group of Twenty Central Bank Governors (c) The Group of Twenty Finance Ministers and Central Bank Governors (d) The Group of Twenty Head of States</p>
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**Model Test Paper 18**  
**General Study Paper I**

<p>90. Which of the following statements are correct about the Indian rock-cut architecture?</p> <ol style="list-style-type: none"><li>1. The Oldest rock-cut architecture is the Barabar caves, Bihar</li><li>2. Most of the early cave temples are found in the western Deccan</li><li>3. The early cave temples date 100 AD to 300 AD</li></ol> <p>(a) 1 only (b) 1 and 2 (c) 1 and 3 (d) 1, 2 and 3</p> <p>91. The Tummalapalle uranium mine which is estimated to have one of the largest reserves of uranium in the world is located in</p> <p>(a) Kerala (b) Tamil Nadu (c) Karnataka (d) Andhra Pradesh</p> <p>92. What is the correct term for the debris of rocks, soil, etc. which is carried along by a glacier and left behind when the glacier melts</p> <p>(a) load (b) morass (c) moraine (d) mordant</p> <p>93. Which of the following are features of the maturity of the Peninsular rivers?</p> <ol style="list-style-type: none"><li>1. Broad valleys</li><li>2. Shallow valleys</li><li>3. Graded valleys</li></ol> <p>(a) 1 only (b) 1 and 2 (c) 1 and 3 (d) 1, 2 and 3</p> <p>94. What is the highest peak of Antarctica</p> <p>(a) Sidley (b) Tyree (c) Vinson Massif (d) Erebus</p>	<p>95. Which of the following State Assembly passed a resolution for establishing an Upper House</p> <p>(a) Karnataka (b) Chhatisgarh (c) Rajasthan (d) Uttarakhand</p> <p>96. What is the most deadly form of eruption</p> <p>(a) lava (b) ash and dust (c) pyroclastic flow (d) a mixture of lava, ash and dust</p> <p>97. Which of the following warship has been added recently to the Indian Navy's Western Fleet</p> <p>(a) INS Netra (b) INS Talwar (c) INS Teg (d) INS Nag</p> <p>98. Arrange the following in chronological order</p> <ol style="list-style-type: none"><li>1. Santhal insurrection</li><li>2. Deccan Agricultural Relief Act</li><li>3. Punjab Land Alienation Bill</li><li>4. Pabna League movement</li></ol> <p>(a) 1, 4, 2, 3 (b) 4, 3, 2, 1 (c) 2, 3, 1, 4 (d) 1, 2, 3, 4</p>
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99. Consider the following map of south Indian region. Which of the following thermal power plant is shown in the map?



- (a) Bellary
- (b) Tuticorn
- (c) Metturdam
- (d) Nandikoor

100. The term "Residual Acidity" in soil refers to

- (a) Acidity which is determined after taking a crop
- (b) Acidity that can be neutralised by alkaline materials
- (c) Activity of hydrogen ion in the aqueous phase
- (d) Acidity due to exchangeable hydrogen and aluminium

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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"/>
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