

**Model Test Paper 20**  
**General Studies Paper I**

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TEST BOOKLET  
GENERAL STUDIES  
Paper-I

**D**

**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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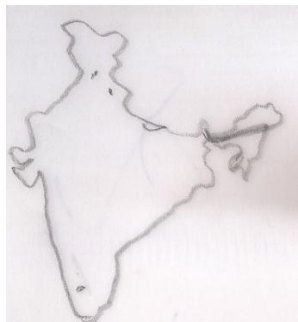
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<p>1. What colorless and odorless substance is the main constituent of natural gas</p> <p>(a) Hydrogen (b) Methane (c) Nitrogen (d) Oxygen</p> <p>2. Who was involved in the Oaten Affair?</p> <p>(a) N.N. Sen (b) Rabindra Nath Tagore (c) C.R. Das (d) Subhash Chandra Bose</p> <p>3. Absolute Zero is usually shown on what scale</p> <p>(a) Celsius (b) Kelvin (c) Fahrenheit (d) Grams</p> <p>4. Who made the declaration in the House of commons "The policy of his majesty's Government ----- is that of increasing association of Indians in every branch of the administration and the gradual development of the self-governing institutions, with a view to the progressive realization of self governing institutions ...."</p> <p>(a) Morley (b) Minto (c) Montague (d) Chelmsford</p> <p>5. What is the scientific name for the hip bone</p> <p>(a) Pelvis (b) Tibia (c) Fibula (d) Radius</p> <p>6. What is Dendrochronology</p> <p>(a) Study of tooth decay (b) The study of Standing Stones</p>	<p>(c) The study of mushrooms (d) Tree Ring Dating</p> <p>7. Which is the only city in the world to lie in two continents</p> <p>(a) Paris (b) Kabul (c) Istanbul (d) Mecca</p> <p>8. What is the common name for Aurora Borealis</p> <p>(a) Northern wind (b) Southern water (c) Northern lights (d) Southern lights</p> <p>9. In 18 carat gold the percentage of silver is</p> <p>(a) 16 (b) 18 (c) 20 (d) 25</p> <p>10. What is Larynx used for in human body</p> <p>(a) Voice generation (b) Breathing (c) Blood circulation (d) Digestion</p> <p>11. What is the most common non contagious disease in the world</p> <p>(a) Beri Beri (b) Ecsxema (c) Tooth decay (d) T.B</p>
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12. The following map shows the major producing area of



- (a) Coffee
- (b) Jute
- (c) Tea
- (d) Tobacco

13. Which part of the plant protects the bud

- (a) Sepals
- (b) Petals
- (c) Pistil
- (d) Stamen

14. Which of the following cities are located on the banks of Brahmaputra

- 1. Kolkata
- 2. Dibrugarh
- 3. Guwhati
- 4. Srinagar

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

15. The Easternmost point of India, Kibithu lies in which state

- (a) Nagaland
- (b) Sikkim
- (c) West Bengal
- (d) Arunachal Pradesh

16. What is Lloyds register

- (a) Annual list of all trains
- (b) Annual list of nuclear weapons
- (c) Annual list of merchant ships
- (d) Annual list of all cars

*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:*

- a. Both Assertion and Reasoning are true and Reasoning is the correct explanation of the Assertion*
- b. Both Assertion and Reasoning are true but reasoning is not the correct explanation of the Assertion*
- c. Assertion is correct but the reasoning is false*
- d. Assertion is false but the reasoning is true*

17. Assertion (A): As per Kepler's laws all planets travel about the sun in an elliptical path  
Reason: A planet moves faster in its orbit as it nears the sun

- (a) a
- (b) b
- (c) c
- (d) d

18. Assertion (A): The sun is a globe of gas  
Reason (R): The temperature on the surface of the sun is about 6000 degree Cente grade, hot enough to change any metal into gas

- (a) a
- (b) b
- (c) c
- (d) d

19. Assertion (A): Silver is tarnished due to the presence of hydrogen sulphide in the air  
Reason (R): It forms Silver disulphide

- (a) a
- (b) b
- (c) c
- (d) d


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<p>20. Assertion (A): Vitamin A in its complete form can be obtained only from minerals Reason (R): Its provitamin, Carotene is available in large quantity in vegetables</p> <p>(a) a (b) b (c) c (d) d</p>	<p>(b) b (c) c (d) d</p>
<p>21. Assertion (A): The deficiency of Vitamin D causes rickets in children Reason (R): Vitamin d is essential for the health of bones and the teeth</p> <p>(a) a (b) b (c) c (d) d</p>	<p>25. Assertion (A): The non cooperation movement led to the resurgence of working class activity Reason (R): The working class also got involved in the main stream of national politics</p> <p>(a) a (b) b (c) c (d) d</p>
<p>22. Assertion (A): The sedimentary rocks have been changed into its present form by heat or pressure Reason (R): Sand stones and lime stones are typical examples of sedimentary rocks</p> <p>(a) a (b) b (c) c (d) d</p>	<p>26. Assertion (A): The early nationalists attitude towards industrial workers was very lukewarm Reason (R): The nationalists did not want to weaken the common struggle against the British rule</p> <p>(a) a (b) b (c) c (d) d</p>
<p>23. Assertion (A): In July 1897, Tilak was arrested and tried for sedition Reason (R): He had published a poem in Kesari, "Shivaji's utterances", in which he had defended Shivaji's killing of Afzal Khan</p> <p>(a) a (b) b (c) c (d) d</p>	<p>27. Which of the following cities are located on the banks of the river Sutlej</p> <p>1. Ferozepur 2. Chandigarh 3. Ludhiana 4. Amritsar</p> <p>(a) 1 and 2 (b) 2 and 3 (c) 3 and 4 (d) 1 and 3</p>
<p>24. Assertion (A): The Indian Council Act of 1861 did not give any real power to the Imperial legislative councils Reason (R): The Secretary of State, Charleswood, was convinced that the only Government suitable for India was a despotism controlled from home</p> <p>(a) a</p>	<p>28. January 12 is observed as "National Youth Day" in India to celebrate the birth day of which of the following intellectual thinker</p> <p>(a) Swamy Vivekanand (b) Rabindra Nath Tagore (c) Swamy Dayanand Saraswati (d) Raja Ram Mohan Roy</p>


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<p>29. Which of the following statement is not correct about Brahma Samaj?</p> <p>(a) Brahma Samaj was a renaissance movement of Hindu religion</p> <p>(b) It is practised today mainly as the Adi Dharm</p> <p>(c) The publication of Hemendranath Tagore's Brahma Anusthan (code of practice) in 1860 formally divorced Brahmaism from Hinduism</p> <p>(d) The first Brahma Samaj was founded in 1861 at Calcutta by Pandit Nobin Chandra Roy</p> <p>30. 11: Which of the following WTO terminology is correctly matched</p> <p>1. Bound rates: ----- These are caps beyond which countries cannot increase their subsidies or tariffs</p> <p>2. Green room: -----The room (in WTO headquarters) where the participating trade ministers meet every evening to discuss offers</p> <p>3. The principle of less than full reciprocity ----- --- In terms of this, developed countries are required to commit themselves to proportionately higher duty reductions relative to developing countries</p> <p>4. Anti-concentration clause ----- It stipulates that sensitive tariff lines subjected to full tariff cuts cannot be concentrated in one particular sector or sub-sector</p> <p>(a) 1, 3 and 4</p> <p>(b) 1, 2 and 3</p> <p>(c) 2, 3 and 4</p> <p>(d) 1, 2, 3 and 4</p> <p>31. The following map shows the distribution of</p>  <p>(a) Coal</p> <p>(b) Iron</p> <p>(c) Bauxite</p> <p>(d) Petroleum and Natural gas</p>	<p>32. The term coined by UN "the Triple Bottom Line (TBL) — or People, Planet, Profit" is related to</p> <p>(a) Sustainable development</p> <p>(b) Environment protection</p> <p>(c) Climate change</p> <p>(d) Disarmament</p> <p>33. Which of the following have been cited by RBI as reasons for stagnation in our agriculture in its recent study</p> <p>1. Farm fragmentation</p> <p>2. Poor capital formation</p> <p>3. Moribund public investment</p> <p>4. Shrinking public support for expanding the knowledge base for agriculture</p> <p>(a) 1 only</p> <p>(b) 1 and 2</p> <p>(c) 1, 2 and 3</p> <p>(d) 1, 2, 3 and 4</p> <p>34. Which of the following is not a facial or skull bone</p> <p>(a) Sphenoid</p> <p>(b) Scaphoid</p> <p>(c) Zygoma</p> <p>(d) Maxilla</p> <p>35. Which of the following are the various schools of Buddhism</p> <p>1. Mahayana</p> <p>2. Theravada</p> <p>3. Vajrayana</p> <p>(a) 1, 2</p> <p>(b) 2, 3</p> <p>(c) 1, 3</p> <p>(d) 1, 2, 3</p> <p>36. The origin of Rajya Sabha can be traced back to</p> <p>(a) 1909</p> <p>(b) 1919</p> <p>(c) 1935</p> <p>(d) 1944</p>
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<p>37. Which of the following statements are correct about the Central Adoption Resource Authority (CARA)?</p> <ol style="list-style-type: none"><li>1. Central Adoption Resource Authority (CARA) is an autonomous body under the Ministry of Women &amp; Child Development</li><li>2. It regulates in-country and inter-country adoptions</li><li>3. It works in accordance with the provisions of the Hague Convention on Inter-country Adoption</li></ol> <p>(a) 1 only (b) 1 and 2 (c) 1 and 3 (d) 1, 2 and 3</p> <p>38. Which of the following statements are correct about the Pravasi Bharatiya Divas (PBD)?</p> <ol style="list-style-type: none"><li>1. Pravasi Bharatiya Divas (PBD) is celebrated on 9th January every year</li><li>2. January 9 was chosen as the day to celebrate this occasion since it was on this day in 1915 that Mahatma Gandhi, the greatest Pravasi, returned to India from South Africa</li><li>3. PBD conventions are being held every year since 2000</li></ol> <p>(a) 1 and 2 (b) 1 and 3 (c) 2 and 3 (d) 1, 2 and 3</p> <p>39. Which of the following statements are correct about Drought?</p> <ol style="list-style-type: none"><li>1. Drought is classified as Meteorological, Hydrological and Agricultural</li><li>2. The Meteorological Drought, which connotes specific rainfall reduction below - 19% of normal rainfall</li><li>3. The meteorological drought may not necessarily have any serious impact</li></ol> <p>(a) 1 only (b) 1 and 2 (c) 1 and 3 (d) 1, 2 and 3</p> <p>40. Which of the following statements are correct about SICA?</p> <ol style="list-style-type: none"><li>1. The Sick Industrial Companies (Special Provisions) Act pertains to 1985</li><li>2. SICA applies to companies in public sector</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>41. Which one of the following pairs is not correctly matched?</p> <p>(a) Himalayas - Tertiary Fold Mountains (b) Deccan Trap - Volcanic Cone eruption (c) Western Ghats - Paleozoic Fold Mountains (d) Aravalis - Pre-Cambrian relict Mountains</p> <p>42. Which of the following statements are correct about the Cellular Mobile Telephone Service (CMTS) in India?</p> <ol style="list-style-type: none"><li>1. The Country is divided into 24 Service Areas</li><li>2. It consists of 20 Telecom Circle Service Areas and 4 Metro Service Areas</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>43. Which of the following statements are correct about eMO?</p> <ol style="list-style-type: none"><li>1. eMO is a web based rapid money transfer service offered by India Post between two individuals within India</li><li>2. Money booked through eMO can be disbursed within 24 hours</li><li>3. A minimum of Rs.100/- and a maximum of Rs. 10000/- can be sent through eMO</li></ol> <p>(a) 1 only (b) 1 and 2 (c) 1 and 3 (d) 1, 2 and 3</p> <p>44. The responsibility for national defence rests with the</p> <p>(a) President of India (b) Lok Sabha (c) Cabinet (d) Defence Minister</p>
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<p>45. Harmika, Medhi, Toran and Vedica are the features of</p> <p>(a) Vihar (b) Stupa (c) Stambh (d) Mathas</p> <p>46. Which of the following statements are correct about the Brihadeeswarar Temple?</p> <p>1. The Brihadeeswarar Temple is located at Thanjavur 2. It was built by the Cholas 3. The chief deity is Lord Shiva 4. It is the world's first complete granite temple</p> <p>(a) 1 and 2 (b) 1, 2 and 3 (c) 1, 3 and 4 (d) 1, 2, 3 and 4</p> <p>47. Reverse faults occur in areas undergoing</p> <p>(a) Tension (b) Compression (c) Rotation (d) Any of the above</p> <p>48. The following map shows the industrial distribution of</p>  <p>(a) Heavy Engineering (b) Heavy Electricals (c) Radio and Electronics (d) Machine tools</p> <p>49. What is the name given to the group of muscles found on the anterior aspect of the thigh</p>	<p>(a) Hamstrings (b) Quadriceps (c) Adductors (d) Rotator Cuff</p> <p>50. The International Date Line is at around</p> <p>(a) +90° longitude (b) +180° longitude (c) -180° longitude (d) -90° longitude</p> <p>51. Which of the following is the most abundant element (by mass) making up the Earth</p> <p>(a) Hydrogen (b) Helium (c) Iron (d) Nitrogen</p> <p>52. Which of the following statements are correct about the Andaman and Nicobar Islands?</p> <p>1. The Andaman and Nicobar Islands are located between 6° and 14° north latitude and 92° and 94° east longitude 2. They consist of 572 isles, lying in the Bay of Bengal near the Myanmar coast 3. The Andaman Islands consists of 204 small islands 4. India's only active volcano, Barren Island is situated in Nicobar 5. Indira Point, India's southernmost land point, is situated in the Andaman islands</p> <p>(a) 1, 2 and 4 (b) 1, 2 and 3 (c) 1, 2, 3 and 4 (d) 1, 2, 3, 4 and 5</p> <p>53. The river Mahanadi flows through the states of</p> <p>(a) Orissa and West Bengal (b) Chhatisgarh and Madhya Pradesh (c) Orissa and Andhra Pradesh (d) Chhattisgarh and Orissa</p>
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<p>54. Which one of the following was the primary cause of the fourth Anglo-Mysore War?</p> <p>(a) Tipu's attack on the English territory in Madras</p> <p>(b) The attack of the English on Mysore to finally destroy Tipu's power</p> <p>(c) Tipu's attack on Hyderabad, an ally of the British</p> <p>(d) The alliance between the Nizam and the English against Tipu</p> <p>55. Which one of the following newspaper was launched by Pandit Madan Mohna Malaviya in 1909?</p> <p>(a) Free India</p> <p>(b) Nav bharat</p> <p>(c) Independent</p> <p>(d) Leader</p> <p>56. Which of the following statements are correct about the tobacco production in India?</p> <p>1. India occupies the third place in the world in tobacco production</p> <p>2. As an exporter of tobacco, India ranks sixth in the world next to Brazil, China, USA, Malawi and Italy</p> <p>(a) Only 1 is correct</p> <p>(b) Only 2 is correct</p> <p>(c) Both 1 and 2 are correct</p> <p>(d) Neither 1 nor 2 is correct</p> <p>57. The historical name of which acid is oil of vitriol</p> <p>(a) Sulphuric Acid</p> <p>(b) Nitric Acid</p> <p>(c) Hydrochloric Acid</p> <p>(d) Acetic Acid</p> <p>58. Which of the following statements are correct about the official position of languages in India?</p> <p>1. The Eighth Schedule to the Indian Constitution contains a list of 22 scheduled languages</p> <p>2. Via the 92nd Constitutional amendment 2003, 4 new languages – Bodo, Maithili, Dogri, and Santali – were added to the 8th Schedule of the Indian Constitution</p> <p>3. The official language of the Indian Union is Hindi with English as an additional language for official</p>	<p>work</p> <p>4. Hindi is the national language</p> <p>(a) 1 and 2</p> <p>(b) 1, 2 and 3</p> <p>(c) 1, 2 and 4</p> <p>(d) 1, 2, 3 and 4</p> <p>59. The Vice President would ascend to the Presidency under which of the following circumstances?</p> <p>1. Death of the President</p> <p>2. Resignation of the President</p> <p>3. Removal of the President by impeachment</p> <p>4. Invalidation of the election of the President by the Supreme Court</p> <p>5. Brief interregnum owing to a delay of the election of the President</p> <p>(a) 1, 2 and 3</p> <p>(b) 1, 2 and 4</p> <p>(c) 1, 2, 3 and 4</p> <p>(d) 1, 2, 3, 4 and 5</p> <p>60. Which of the following statements is not correct about the Vice President of India</p> <p>(a) The Vice President serves as the ex-officio chairman of Rajya Sabha</p> <p>(b) He holds the executive position of successor to the President</p> <p>(c) The Vice President is empowered to preside over the meetings of the Rajya Sabha</p> <p>(d) The Vice President has no legislative role</p> <p>61. Which of the following statements are correct about the Planning Commission?</p> <p>1. The Planning Commission is an institution in the Government of India, which formulates India's Five-Year Plans</p> <p>2. The Planning Commission was set up on 15 March 1950, with Prime Minister Jawaharlal Nehru as the chairman</p> <p>3. It is a statutory body</p> <p>4. It is a constitutional body</p> <p>(a) 1 only</p> <p>(b) 1 and 2</p> <p>(c) 1, 2 and 3</p> <p>(d) 1, 2, 3 and 4</p>
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<p>62. Which of the following is the correct sequence of the thermal power plants from north to south?</p> <p>(a) Nandikoor, Metturdam, Kayamkulam (b) Nandikoor, Kayamkulam, Metturdam (c) Metturdam, Nandikoor, Kayamkulam (d) Kayamkulam, Metturdam, Nandikoor</p> <p>63. The expression of earliest volcanic activity in India is found in</p> <p>(a) Dalma hill of Bihar (b) North Western Deccan Plateau (c) Buldana district of Maharashtra (d) Kumaon Hill region</p> <p>64. The Sadar Hills issue is related to</p> <p>(a) Manipur (b) Assam (c) Tripura (d) Meghalaya</p> <p>65. Which of the following started one of the earliest centres of revolutionary activity outside India in England known as Indian Home Rule Society?</p> <p>(a) Bhikaji Cama (b) Dadabhai Naoroji (c) Rashbihari Bose (d) Shyamji Krishna Varma</p> <p>66. Match the following mineral composition with their rock types</p> <p>A. Quartz and feldspar - 1. Basalt B. Quartz, feldspar and mica - 2. Tuff C. Compacted volcanic ash - 3. Granite D. Feldspar, mica, pyroxenes and olivine - 4. Sandstone</p> <p>(a) A-4, B-1, C-2, D-3 (b) A-1, B-2, C-3, D-4 (c) A-3, B-2, C-1, D-4 (d) A-4, B-3, C-2, D-1</p>	<p>67. The Bahá'í House of Worship situated at New Delhi is popularly known as the</p> <p>(a) Bahai Temple (b) Lotus Temple (c) Sun Temple (d) Rose Temple</p> <p>68. Consider the following statements</p> <p>1. The Kailasa temple at Ellora has a Dravidian style of architecture 2. The Dilwara temples in Rajasthan are dedicated to Jain Tirthankars Which of the statements given above is/are correct?</p> <p>(a) 1 only (b) 2 only (c) Both 1 and 2 (d) Neither 1 nor 2</p> <p>69. Which of the following statements are correct about the Majuli islands</p> <p>1. Majuli is one of the largest river islands in the world and known as the the cultural capital of Assam 2. It is the nerve centre of Vaishnavite culture with 22 'chaporis'</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>70. Which one of the following sets indicates the aeolian process?</p> <p>(a) Corrosion, transportation, deposition (b) Nivation, down-cutting, solidification (c) Abrasion, attrition, deflation (d) Abrasion, deposition, oxidation</p>
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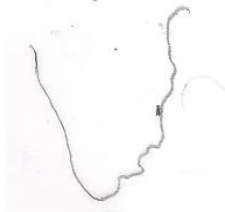
**Model Test Paper 20**  
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<p>71. What is the term for an unsaturated hydrocarbon with at least one double carbon-carbon bond</p> <p>(a) Alkaloid (b) Alkane (c) Alkene (d) Alkyne</p> <p>72. The largest known impact crater on the Earth is the</p> <p>(a) Caloris basin (b) Barringer Crater (c) Clearwater Lakes craters (d) Vredefort Ring</p> <p>73. The greatest extinction the planet has ever known took place in which period, which ended 250 million years ago</p> <p>(a) Permian (b) Permian (c) Triassic (d) Cretaceous</p> <p>74. Who among the following gave a systematic critique of the moderate politics of the Indian National Congress in a series of articles entitled New Lamps for Old?</p> <p>(a) Aurobindo Ghosh (b) R. C. Dutt (c) Syed Ahmad Khan (d) Viraraghavachari</p> <p>75. Polytetrafluoroethylene is more commonly known as</p> <p>(a) Kevlar (b) Teflon (c) PVC (d) CFC</p>	<p>76. Which of the following is the correct sequence of the religious places from north to south?</p> <p>(a) Sarnath, Sravasti, Ayodhya, Varanasi (b) Ayodhya, Sravasti, Sarnath, Varanasi (c) Sravasti, Ayodhya, Varanasi, Sarnath (d) Sravasti, Ayodhya, Sarnath, Varanasi</p> <p>77. Among the following, which one is appropriately attributed to Nimbarkacharya?</p> <p>(a) Dvaitadvaita (b) Davita (c) Suddhadvaita Vedanta (d) Visistadvaita</p> <p>78. With reference to the Government of India Act, 1935, consider the following statements</p> <p>1. As per the Act, in the Governors' Provinces, diarchy was abolished and Provincial Autonomy introduced 2. All the Provincial legislatures consisted of only one chamber called Legislative Assembly Which of the statements given above is/are correct?</p> <p>(a) 1 only (b) 2 only (c) Both 1 and 2 (d) Neither 1 nor 2</p> <p>79. If a pesticide is released into the Arctic that accumulates in body cells, which of the following organisms is apt to have the highest pesticide levels?</p> <p>(a) Fish (b) Seal (c) Polar bear (d) Algae</p> <p>80. Under the surface of the Earth, hot molten rock rises, cools, then sinks. This process is called</p> <p>(a) Diffusion (b) Convection (c) Osmosis (d) Condensation</p>
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**Model Test Paper 20**  
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<p>81. The state in which organisms maintain internal equilibrium is called</p> <p>(a) Homegeneity (b) Homeostasis (c) Mitosis (d) Osmosis</p> <p>82. In most countries around the world, municipal solid waste is put into landfills. In some countries, among others the Netherlands, Germany and recently the United Kingdom, land filling is prohibited or discouraged. Why?</p> <p>(a) Landfills needs a lot of ground area (b) A landfill is a waste of energy (c) To stimulate re-use of materials (d) All these reasons play a role</p> <p>83. The "ladder of Lansink" starts with the most preferable waste handling method as</p> <p>(a) combustion, prevention of waste production, recycling, landfill (b) recycling, prevention of waste production, combustion, landfill (c) prevention of waste production, combustion, recycling, landfill (d) prevention of waste production, recycling, combustion, landfill</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 A. The river system has the maximum concentration of Harappan settlements ----- -----1. Burzhom B. The Harappan site has recently yielded an unusual cache of silver ware and ornaments ----- -----2. Ahar C. The Neolithic site in Kashmir has yielded evidence of Early Harappan contacts ----- -----3. Kunal D. This site is described as a pure copper age site in India ----- -----4. Ghaggar- Hakra -----5. Dholavira</p> <p>Code: A B C D</p> <p>(a) A-2, B-3, C-4, D-5 (b) A-1, B-4, C-2, D-3</p>	<p>(c) A-2, B=5, C-3, D-1 (d) A-4, B-3, C-1, D-2</p> <p>85. The strati-graphical position of Black and Red ware between OCP and PGW was first recognized at</p> <p>(a) Noh (b) Ganeshwar (c) Jodhpura (d) Atranjikhera</p> <p>86. Is the energy generated with the incineration of municipal solid waste considered renewable energy?</p> <p>(a) Yes, the waste needs to be handled anyway, the energy is free benefit (b) Yes, since no fossil fuels are used (c) Around half of the energy produced is considered renewable, since around half of the waste is organic matter (d) No, plastics are combusted, which are after all fossil fuels</p> <p>87. Which of the following Acts were passed by the British Government in 1856?</p> <p>1. Hindu Widow Remarriage Act 2. Abolition of Sati (Regulation XVII) 3. Religious Disabilities Act 4. General Service Enlistment Act Select the correct answer using the code given below</p> <p>(a) 1 and 3 only (b) 2 and 4 only (c) 1, 3 and 4 (d) 1, 2 and 3</p> <p>88. The Jaina literary work Parisishta Parvan is an appendix to the work</p> <p>(a) Mula Sutra (b) Trishashtisalaka Purusha Charita (c) Upaniti-Bhava-Prapancha Katha (d) Prabhandha Chintamani</p>
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<p>89. "Water table" refers to</p> <p>(a) the lower limit of zone of saturation (b) the upper limit of zone of saturation (c) the average depth of zone of saturation (d) the contact zone of the permeable and impermeable rocks</p> <p>90. Which one of the following is not a soil forming process?</p> <p>(a) Weathering (b) Translocation (c) Gleying (d) Hydration</p> <p>91. Encephalitis is a rare condition that causes inflammation of the</p> <p>(a) Joints (b) Teeth (c) Brain (d) Tongue</p> <p>92. Which of the following river is known as the "Father of Rivers"</p> <p>(a) Ganges (b) Cauvery (c) Brahmaputra (d) Indus</p> <p>93. Which of the following city is known as the City of Destiny and also the Goa of the East Coast</p> <p>(a) Kolkata (b) Bhubhaneshwar (c) Chennai (d) Vishakhapatnam</p> <p>94. Match the following</p> <p>A. Nubian Desert - 1. Egypt B. Sinai Desert - 2. Sudan C. Rub-a; Khali - 3. Iran D. Dusht-e-Lut - 4. Saudi Arabia</p>	<p>(a) A-1, B-2, C-3, D-4 (b) A-2, B-1, C-4, D-3 (c) A-2, B-4, C-1, D-3 (d) A-3, B-1, C-4, D-2</p> <p>95. Which of the following statements are correct?</p> <p>1. The harvesting area of rice in India is the world's largest 2. India is the largest producer of groundnut in the world</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>96. Which of the following statements are correct about the sugarcane cultivation in India?</p> <p>1. The sugarcane growing areas may be broadly classified into two agro-climatic regions viz. sub-tropical and tropical 2. Major portions of sugarcane cultivation in India lies in the sub-tropical belt 3. The yields are substantially higher in the tropical belt as compared to the sub-tropical regions</p> <p>(a) 1 only (b) 1 and 2 (c) 1 and 3 (d) 1, 2 and 3</p> <p>97. Consider the following map of south Indian region. Which of the following thermal power plant is shown in the map?</p>  <p>(a) Bellary (b) Raichur (c) Metturdam (d) Neyveli</p>
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<p>98. Which of the following statements are correct about the Aravalli Range?</p> <ol style="list-style-type: none"><li>1. The Aravali Range is the oldest mountain range in India</li><li>2. It runs across from Rajasthan to Haryana</li><li>3. It is also known as Mewat Hills</li><li>4. The highest peak in this range is Guru Shikhar at Mount Abu</li></ol> <p>(a) 1 and 2 (b) 1, 2 and 3 (c) 1, 3 and 4 (d) 1, 2, 3 and 4</p> <p>99. Which of the following statements are correct about the Hathigumpha Inscription?</p> <ol style="list-style-type: none"><li>1. The inscription was inscribed by Kharavela, the then Emperor of Kalinga in India</li><li>2. The inscription is located in Khandagiri caves</li></ol> <p>(a) 1 only (b) 2 only (c) Both 1 and 2 (d) Neither 1 nor 2</p> <p>100. Who among the following used the phrase 'Un-British' to criticize the English colonial control of India?</p> <p>(a) Anandmohan Bose (b) Badruddin Tyabji (c) Dadabhai Naoroji (d) Pherozeshah Mehta</p>	
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**Answer Sheet**

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<p><b>A B C D</b></p> <p>1 ○ ○ ○ ○</p> <p>2 ○ ○ ○ ○</p> <p>3 ○ ○ ○ ○</p> <p>4 ○ ○ ○ ○</p> <p>5 ○ ○ ○ ○</p>	<p><b>A B C D</b></p> <p>21 ○ ○ ○ ○</p> <p>22 ○ ○ ○ ○</p> <p>23 ○ ○ ○ ○</p> <p>24 ○ ○ ○ ○</p> <p>25 ○ ○ ○ ○</p>	<p><b>A B C D</b></p> <p>41 ○ ○ ○ ○</p> <p>42 ○ ○ ○ ○</p> <p>43 ○ ○ ○ ○</p> <p>44 ○ ○ ○ ○</p> <p>45 ○ ○ ○ ○</p>	<p><b>A B C D</b></p> <p>61 ○ ○ ○ ○</p> <p>62 ○ ○ ○ ○</p> <p>63 ○ ○ ○ ○</p> <p>64 ○ ○ ○ ○</p> <p>65 ○ ○ ○ ○</p>	<p><b>A B C D</b></p> <p>81 ○ ○ ○ ○</p> <p>82 ○ ○ ○ ○</p> <p>83 ○ ○ ○ ○</p> <p>84 ○ ○ ○ ○</p> <p>85 ○ ○ ○ ○</p>
<p>6 ○ ○ ○ ○</p> <p>7 ○ ○ ○ ○</p> <p>8 ○ ○ ○ ○</p> <p>9 ○ ○ ○ ○</p> <p>10 ○ ○ ○ ○</p>	<p>26 ○ ○ ○ ○</p> <p>27 ○ ○ ○ ○</p> <p>28 ○ ○ ○ ○</p> <p>29 ○ ○ ○ ○</p> <p>30 ○ ○ ○ ○</p>	<p>46 ○ ○ ○ ○</p> <p>47 ○ ○ ○ ○</p> <p>48 ○ ○ ○ ○</p> <p>49 ○ ○ ○ ○</p> <p>50 ○ ○ ○ ○</p>	<p>66 ○ ○ ○ ○</p> <p>67 ○ ○ ○ ○</p> <p>68 ○ ○ ○ ○</p> <p>69 ○ ○ ○ ○</p> <p>70 ○ ○ ○ ○</p>	<p>86 ○ ○ ○ ○</p> <p>87 ○ ○ ○ ○</p> <p>88 ○ ○ ○ ○</p> <p>89 ○ ○ ○ ○</p> <p>90 ○ ○ ○ ○</p>
<p>11 ○ ○ ○ ○</p> <p>12 ○ ○ ○ ○</p> <p>13 ○ ○ ○ ○</p> <p>14 ○ ○ ○ ○</p> <p>15 ○ ○ ○ ○</p>	<p>31 ○ ○ ○ ○</p> <p>32 ○ ○ ○ ○</p> <p>33 ○ ○ ○ ○</p> <p>34 ○ ○ ○ ○</p> <p>35 ○ ○ ○ ○</p>	<p>51 ○ ○ ○ ○</p> <p>52 ○ ○ ○ ○</p> <p>53 ○ ○ ○ ○</p> <p>54 ○ ○ ○ ○</p> <p>55 ○ ○ ○ ○</p>	<p>71 ○ ○ ○ ○</p> <p>72 ○ ○ ○ ○</p> <p>73 ○ ○ ○ ○</p> <p>74 ○ ○ ○ ○</p> <p>75 ○ ○ ○ ○</p>	<p>91 ○ ○ ○ ○</p> <p>92 ○ ○ ○ ○</p> <p>93 ○ ○ ○ ○</p> <p>94 ○ ○ ○ ○</p> <p>95 ○ ○ ○ ○</p>
<p>16 ○ ○ ○ ○</p> <p>17 ○ ○ ○ ○</p> <p>18 ○ ○ ○ ○</p> <p>19 ○ ○ ○ ○</p> <p>20 ○ ○ ○ ○</p>	<p>36 ○ ○ ○ ○</p> <p>37 ○ ○ ○ ○</p> <p>38 ○ ○ ○ ○</p> <p>39 ○ ○ ○ ○</p> <p>40 ○ ○ ○ ○</p>	<p>56 ○ ○ ○ ○</p> <p>57 ○ ○ ○ ○</p> <p>58 ○ ○ ○ ○</p> <p>59 ○ ○ ○ ○</p> <p>60 ○ ○ ○ ○</p>	<p>76 ○ ○ ○ ○</p> <p>77 ○ ○ ○ ○</p> <p>78 ○ ○ ○ ○</p> <p>79 ○ ○ ○ ○</p> <p>80 ○ ○ ○ ○</p>	<p>96 ○ ○ ○ ○</p> <p>97 ○ ○ ○ ○</p> <p>98 ○ ○ ○ ○</p> <p>99 ○ ○ ○ ○</p> <p>100 ○ ○ ○ ○</p>