

**Atomic Energy Central School No. 4 Rawatbhata**

**Class 08 - Science**

**Periodic test-I (2019-20)**

**Maximum Marks: 40**

**Time Allowed: 1 hour and 30 minutes**

**Section A**

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|--|-------------------------|
| 1. Maximum plant nutrients are to be found in:                                     | 1                       |
| a) bottom layer of soil  | b) middle layer of soil |
| c) top layer of soil   | d) lower layer of soil  |
| 2. Vaccines generally contain :  | 1                       |
| a) mixture of several useful microbes  |                         |
| b) a non pathogenic microbe  |                         |
| c) weak or dead pathogen   |                         |
| d) antibiotic producing microorganisms   |                         |
| 3. Bakelite does not melt on heating because such:                                 | 1                       |
| a) polymers are attached by strong linear chains                                   |                         |
| b) polymers are joined by strong cross links                                       |                         |
| c) polymers are poor conductors of heat  |                         |
| d) polymers are strong and inexpensive   |                         |
| 4. When a metal reacts with acid, ..... gas is released.                           | 1                       |
| a) CO <sub>2</sub>   | b) SO <sub>2</sub>      |
| c) H <sub>2</sub>  | d) NO <sub>2</sub>      |
| 5. In petroleum well, crude oil is found :   | 1                       |
| a) above water   | b) mixed with water     |
| c) below water   | d) all the above        |
| 6. Name a vitamin which is found in cod liver oil.                                 | 1                       |
| 7. What is fermentation?   | 1                       |
| 8. Name a synthetic fibre which works like wool.                                   | 1                       |
| Name the common non-metals that are used in our daily life directly or indirectly. | 1                       |
| 9. Define the terms 'Petrochemicals'.  | 1                       |

**Section B**

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|--|---|
| 10. Why is it necessary to remove weeds from our fields?                 | 2 |
| 11. What is the role of yeast in baking industry?                        | 2 |
| 12. What happens when iron nails are placed in copper sulphate solution? | 2 |
| 13. What are the advantages of using CNG and LPG as fuels?               | 2 |

**Section C**

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|--|---|
| 14. What is irrigation? Describe two methods of irrigation which conserve water.<br>Give examples. | 3 |
| 15. Explain thermoplastics and thermosetting plastics with examples.                               | 3 |
| 16. What type of oxides are formed:  | 3 |
| a. when metals combine with oxygen?  |   |
| b. when non metals combine with oxygen?  |   |
| Write an equation for each.  |   |
| 17. Write the names of any 3 components of petroleum and write their uses also.                    | 3 |

**Section D**

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|--|---|
| 18. Explain the various methods of food preservation. ( Any five). | 5 |
| 19. Describe nitrogen cycle in nature.                             | 5 |

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