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| **GRADE: VIII**  **Date: 28/09/2023** | **TERM 1(2023-24)**  **SCIENCE** | **MARKS: 40**  **TIME: 2 hrs** |

**NAME:**

**SECTION:**

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| **Q.No** | **QUESTIONS**  **SECTION A** | **Marks** |
|  | **CHOOSE THE CORRECT ANSWER** |  |
| 1 | Which raw material is used for manufacturing rayon?   1. Coal 2. PVC 3. Viscous 4. Cellulose | 1 |
| 2 | Which of the following is the most reactive metal?   1. Copper 2. Zinc 3. Potassium 4. Calcium | 1 |
| 3 | Which of the following is a hermaphrodite?   1. Chicken 2. Frog 3. Earthworm 4. Spider | 1 |
| 4 | Which of these metals are deposited on iron objects to give them a shiny look and prevent corrosion?   1. Gold 2. Chromium 3. Silver 4. Tin | 1 |
|  | **FILL IN THE BLANKS** |  |
| 5 | The process of combining monomers to form a polymer is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | 1 |
| 6 | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a mixture of different metals. | 1 |
| 7 | The outermost covering of an animal cell is the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | 1 |
| 8 | The placenta is connected to the foetus by the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | 1 |
| 9 | The process used to purify metals is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 1 |
|  | **NAME THE FOLLOWING** |  |
| 10 | Name the synthetic fibre which is considered as a substitute of silk. | 1 |
| 11 | Name the metal that reacts with oxygen only when ignited. | 1 |
| 12 | Name the powerhouse of a cell. | 1 |
| 13 | Name the sex organ of a male. | 1 |
| 14 | Name a good conductor of electricity. | 1 |
|  | **STATE TRUE OR FALSE** |  |
| 15 | Both plants and animals have cell membrane. | 1 |
| 16 | Diamond, which is very hard and shiny, is a metal. | 1 |
|  | **MATCH THE FOLLOWING** |  |
| 17 | Polyester - Fallopian tube | 1 |
| 18 | Sulphur - Electrode | 1 |
| 19 | Oviduct - PET | 1 |
| 20 | Anode - Vulcanising rubber | 1 |
|  | **SECTION B** |  |
|  | **VERY SHORT ANSWER QUESTIONS** |  |
| 21 | What is corrosion of metals? Describe the methods used to prevent corrosion. | 2 |
| 22 | Differentiate plant cells and animal cells. | 2 |
| 23 | What is reproduction? Why is reproduction an essential process? | 2 |
|  | **SHORT ANSWER QUESTIONS** |  |
| 24 | How is the sex of a child determined? | 3 |
| 25 | Distinguish between natural and synthetic fibres. | 3 |
|  | **LONG ANSWER QUESTION** |  |
| 26 | With the help of a labelled diagram, explain the female reproductive system. | 4 |
| 27 | List two uses each of the following   1. Copper 2. Zinc 3. Silicon 4. Oxygen | 4 |
|  | **THE END** |  |