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| **GRADE: VII** | **TERM 1(2023-24)**  **SCIENCE ANSWER KEY** | **MARKS: 40**  **TIME: 2 hrs** |

**NAME:**

**SECTION:**

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| **Q.No** | **QUESTIONS**  **SECTION A** | **Marks** |
|  | **CHOOSE THE CORRECT ANSWER** |  |
| 1 | 1. Mastication | 1 |
| 2 | a) An acidic solution | 1 |
| 3 | 1. Light year | 1 |
| 4 | 1. Electromagnet | 1 |
|  | **FILL IN THE BLANKS** |  |
| 5 | Ruminants | 1 |
| 6 | Strong acid. | 1 |
| 7 | Quarts | 1 |
| 8 | Electromagnet | 1 |
| 9 | Neutralisation | 1 |
|  | **NAME THE FOLLOWING** |  |
| 10 | Pulp | 1 |
| 11 | Lactic acid | 1 |
| 12 | Simple pendulum | 1 |
| 13 | Fuse | 1 |
| 14 | Sodium hydroxide | 1 |
|  | **STATE TRUE OR FALSE** |  |
| 15 | False | 1 |
| 16 | False | 1 |
|  | **MATCH THE FOLLOWING** |  |
| 17 | Amoeba - Pseudopodia | 1 |
| 18 | Litmus - Lichen | 1 |
| 19 | Sundial - Time | 1 |
| 20 | MCB - Fuse | 1 |
|  | **SECTION B** |  |
|  | **VERY SHORT ANSWER QUESTIONS** |  |
| 21 | It is a commonly used indicator. When added to an acidic solution it turns blue litmus red and when added to base it turns red to blue. | 2 |
| 22 | If the speed of an object moving along a straight line keeps changing, its motion is called non – uniform. An object moving along a straight line with a constant speed is said to be in uniform motion. | 2 |
| 23 | In electrical appliances, to separate metals, to lift heavy objects. | 2 |
|  | **SHORT ANSWER QUESTIONS** |  |
| 24 | Indicators are substances that change colour when they are added to acidic or alkaline solutions. China rose is a natural indicator. China rose solution gives dark pink (magenta) colour with acid and green colour with base. Turmeric is a natural acid-base indicator which changes colour from yellow to red-orange when added to a basic solution. It stays yellow in acidic solution. The color of the cabbage indicator will change to red or pink if the solution is an acid and it will change to green or yellow if it is a base. It will remain purple or blue if the test solution is neutral | 3 |
| 25 | 25 | 3 |
|  | **LONG ANSWER QUESTION** |  |
| 26 | A Battery is a device consisting of one or more electrical cells that convert chemical energy into electrical energy. A circuit diagram is a graphical/pictorial representation of an electrical circuit using electrical symbols for different components. | 4 |
| 27 | Ingestion is the process in which the food is taken inside the body through the mouth.  Break down of food into nutrients and waste is called digestion.  The separated nutrients get absorbed in the blood is called absorption.  The absorbed nutrients utilized by the body cells or tissues is called assimilation.  The undigested waste expelled out from the body through anus is called egestion. | 4 |
|  | **THE END** |  |