**PMSHRI KENDRIYA VIDYALAYA SAURKHAND**

**Section - A (1 Mark Each)**

**1.** Which of the following is a non-metallic oxide? **[1]**

(a) a) Carbon dioxide

(b) b) Sulphur dioxide

(c) c) Calcium oxide

(d) d) Hydrogen peroxide

**2.** The process of conversion of water into its constituent elements by passing electricity through it is called \_\_\_\_\_\_\_\_\_\_. **[1]**

**3. [1]**

**Section - B (2 Marks Each)**

**1.** Explain the process of digestion in humans. Mention the role of enzymes in this process. **[2]**

**2.** Describe an experiment to show the process of osmosis using a potato slice and sugar solution. **[2]**

**Section - C (3 Marks Each)**

**1.** A car travels a distance of 200 km at a constant speed of 50 km/h. Calculate the time taken by the car to cover this distance. **[3]**

**2.** Explain the working principle of a concave lens with the help of a labelled ray diagram. Also, mention one application of a concave lens. **[3]**