

BCM SCHOOL BASANT AVENUE DUGRI ROAD, LUDHIANA

SCIENCE ASSIGNMENT II (2023 – 2024)

ANSWER KEY

CLASS – X

CASE STUDY I

- i) $6\text{CO}_2 + 12\text{H}_2\text{O} + \text{Chlorophyll} \& \text{ sunlight} \rightarrow \text{C}_6\text{H}_{12}\text{O}_6 + 6\text{O}_2 + 6\text{H}_2\text{O}$
- ii) The carbohydrates are stored in the form of starch as the internal energy.
- iii) The pores present in the surface of a leaf or the stem of a plant to allow the exchange of gases.
- iv)
 - i) Exchange of gases i.e oxygen and CO_2
 - ii) Transpiration
- v) Chloroplast is a cell organelles which contains photosynthetic pigment called as chlorophyll which help in the absorption of sunlight.

CASE STUDY II

- i) Corrosion and Rancidity
- ii) CuSO_4 in (III) and CuO in (VI)
- iii) (d)
- iv) Oxidation takes place at anode.

CASE STUDY III

- i) C
- ii) d
- iii) c
- iv) b
- v) c

ASERTION & REASON

- 1. (a)
- 2. (b)
- 3. (b)
- 4. (a)
- 5. (a)
- 6. (a)