

Choose the correct answer:

1. Organisms which prepare food for themselves using simple naturally available raw materials are referred to as

- (a) Heterotrophs (b) Autotrophs (c) Parasites (d) Saprophytes

2. In the absence of which of the following will photosynthesis not occur in leaves?

- (a) Guard cells (b) Chlorophyll (c) Vacuole (d) Space between cells

3. Which of the following statements is/are correct?

- (i) All green plants can prepare their own food.
(ii) Most animals are autotroph.
(iii) Carbon dioxide is not required for photosynthesis.
(iv) Oxygen is liberated during photosynthesis.

Choose the correct answer from the options below:

- (a) (i) and (iv) (b) (ii) only (c) (ii) and (iii) (d) (i) and (ii)

4. Pitcher plant traps insects because it

- (a) is a heterotroph. (b) grows in soils which lack in nitrogen.
(c) does not have chlorophyll. (d) has a digestive system like human beings.

5. The term that is used for the mode of nutrition in yeast, mushroom and bread-mould is

- (a) Autotrophic Parasitic (b) Insectivorous (c) Saprotrophic (d)

6. When we observe the lower surface of a leaf through a magnifying lens we see numerous small openings. Which of the following is the term given to such openings?

- (a) Stomata (b) Lamina (c) Midrib (d) Veins

7. Two organisms are good friends and live together. One provides shelter, water, and nutrients while the other prepares and provides food. Such an association of organisms is termed as

- (a) Saprophyte (b) Parasite (c) Autotroph (d) Symbiosis

8. Which of the following raw material is available in the air for photosynthesis?

- (a) Oxygen (b) Carbon dioxide (c) Nitrogen (d) Hydrogen

9. Potato and ginger are both underground parts that store food. Where is the food prepared in these plants?

- (a) Stem (b) Leaf (c) Branches (d) All of the above

10. Which of the following are the end products of photosynthesis?

- (a) Carbon dioxide (b) Glucose (c) Oxygen (d) Both b and c

11. Which bacteria are helpful in replenishing the nutrient in the soil?

- (a) Clostridium (b) Salmonella (c) Lactobacillus (d) Rhizobium

12. Name the green or black colour fluffy patches appear on the piece of bread when left in hot and humid place for long time.

- (a) Algae (b) Fungi (c) Protozoa (d) Bacteria

13. A slimy, green patches in ponds or in other stagnant water have ability to do photosynthesis. What is it?

- (a) Fungi (b) Plant (c) Algae (d) Bacteria

14. Name the nutrient which is present in fertilizers and manures and added to the soil time to time to enrich it.

- (a) Nitrogen, Carbon, Hydrogen (b) Nitrogen, Potassium, Phosphorus
(c) Phosphorus, Potassium, Carbon (d) Hydrogen, Nitrogen, Carbon

15. Which of the following is parasite?

- (a) Pitcher plant (b) Mushroom (c) Cuscuta (d) Sundew

Project -

Draw colourful and well labeled diagram of the following-

- (a) A saprotrophic plant (fungi)
(b) A insectivorous plant