

## EXERCISE # 1

### A. Single Choice Type Questions

- Q.1** The plant that feeds & traps on insects is -  
 (A) Drosera (B) Sunflower  
 (C) Cuscuta (D) Mango
- Q.2** The green pigment in the leaves is called -  
 (A) Chlorophyll (B) Anthocyanin  
 (C) Chloroplast (D) None
- Q.3** Which one of the following is a parasite ?  
 (A) Mushroom (B) Fungi  
 (C) Dodder (D) Pitcher's plant
- Q.4** Rhizobium is a good example of -  
 (A) insectivorous (B) symbiosis  
 (C) parasitic (D) none of these
- Q.5** Cuscuta is an example of -  
 (A) autotroph (B) parasite  
 (C) saprophyte (D) host
- Q.6** Autotrophic nutrition found only in -  
 (A) plants (B) animals  
 (C) both (D) none
- Q.7** The plant that feeds and traps on insects is -  
 (A) venus-fly trap (B) cuscuta  
 (C) sunflower (D) none of these
- Q.8** Association of two different organisms in which both are benefited is called -  
 (A) symbiosis (B) nutrition  
 (C) saprophytic (D) parasitic
- Q.9** CO<sub>2</sub> & O<sub>2</sub> balance in atmosphere is due to -  
 (A) Photorespiration (B) Photosynthesis  
 (C) Respiration (D) Leaf anatomy

### B. Tick (✓) the right statement

- Q.10** Animals & plants do not depend on plant for their food. (True/False)
- Q.11** Omnivorous eats only flesh. (True/False)

**Q.12** Sucking roots are called haustoria. (True/False)

**Q.13** The living organism from which parasitic derives its food called host. (True/False)

### C. Match the column A with column B

- | Q.14 | Column A         | Column B           |
|------|------------------|--------------------|
|      | (a) Amarbel      | (i) Saprophytes    |
|      | (b) Rhizobium    | (ii) Insectivorous |
|      | (c) Mushroom     | (iii) Autotrophs   |
|      | (d) Drosera      | (iv) Stomata       |
|      | (e) Green plants | (v) Symbiosis      |
|      |                  | (vi) Parasite      |

### D. Fill in the blank

- Q.15** \_\_\_\_\_ & \_\_\_\_\_ are insectivorous plants.
- Q.16** Green plants use \_\_\_\_\_, \_\_\_\_\_ & \_\_\_\_\_ to make food.
- Q.17** Lichen is the mutual combination of \_\_\_\_\_ & \_\_\_\_\_.
- Q.18** Dodder is an example of \_\_\_\_\_.

**EXERCISE # 2****A. Very Short Answer Types Questions**

- Q.1 What is the meaning of autotrophic nutrition ?
- Q.2 What is symbiotic relationship ?
- Q.3 What are producers ?
- Q.4 Which type of nutrition is found in Dodder ?
- Q.5 Write down the equation of photo synthesis ?
- Q.6 What is the meaning of 'nutrition' ?
- Q.7 How do algae & fungi benefit each other ?

**B. Short Answer Types Questions**

- Q.8 What are insectivores ? Name an insectivorous plant ?
- Q.9 What is photosynthesis ?
- Q.10 What factors are essential for photosynthesis ?
- Q.11 How do plants exchange gases with the atmosphere ?
- Q.12 Name the 3 groups of animals on the basis of their eating habits ?
- Q.13 Write the meaning of following terms—herbivores, carnivores & omnivores.

**C. Long Answer Types Questions**

- Q.14 How do you show that chlorophyll is necessary for photosynthesis ?
- Q.15 Describe symbiotic mode of nutrition with an example ?
- Q.16 How dodder takes their nutrients from the host ?
- Q.17 Describe the methods of nutrition in non green plants ?