



7. Name the following:

- (i) A parasitic plant with yellow, slender and tubular stem.
- (ii) A plant that has both autotrophic and heterotrophic mode of nutrition.
- (iii) The pores through which leaves exchange gases.

Answer:

- (i) cuscuta
- (ii) Insectivorous plant
- (iii) Stomata

8. Tick the correct answer:

(a) Amarbel is an example of:

- (i) Autotroph
- (ii) Parasite
- (iii) Saprotroph
- (iv) Host

(b) The plant which traps and feeds on insects is:

- (a) Cuscuta
- (ii) China rose
- (iii) Pitcher plant
- (iv) Rose

Answer:

- (a) (ii) Parasite
- (b) (iii) Pitcher plant

9. Match the items given in Column I with those in Column II:

<i>Column I</i>	<i>Column II</i>
<i>Chlorophyll</i>	<i>Bacteria</i>
<i>Nitrogen</i>	<i>Heterotrophs</i>
<i>Amarbel</i>	<i>Pitcher plant</i>
<i>Animals</i>	<i>Leaf</i>
<i>Insects</i>	<i>Parasite</i>

Answer:

<i>Column I</i>	<i>Column II</i>
<i>Chlorophyll</i>	<i>Leaf</i>
<i>Nitrogen</i>	<i>Bacteria</i>
<i>Amarbel</i>	<i>Parasite</i>
<i>Animals</i>	<i>Heterotrophs</i>
<i>Insects</i>	<i>Pitcher plant</i>

10. Mark 'T' if the statement is true and 'F' if it is false:

- (i) Carbon dioxide is released during photosynthesis. (T/F)
- (ii) Plants which synthesise their food themselves are called

saprotrophs. (T/F)

(iii) The product of photosynthesis is not a protein. (T/F)

(iv) Solar energy is converted into chemical energy during photosynthesis. (T/F)

Answer:

(a) F (ii) F (iii) T (iv) T

11. Choose the correct option from the following.

Which part of the plant takes in carbon dioxide from the air for photosynthesis?

(i) Root hair

(ii) Stomata

(iii) Leaf veins

(iv) Sepals

Answer: (ii) Stomata

12. Choose the correct option from the following:

Plants take carbon dioxide from the atmosphere mainly through their:

(i) Roots

(ii) Stem

(iii) Flowers

(iv) Leaves

Answer: (iv) Leaves

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