

1. Which statement is true about insectivorous plants?
- a. Organisms which have a mutual relationship with the insects
 - b. Partial autotrophs
 - c. Organisms which draw nutrients from living tissues of other plants
 - d. Plants which kill other plants for deriving nutrients
2. In nepenthes plant leaves are modified into which of the following structures
- a. leaf tendril for mechanical; support
 - b. spines to reduce the loss of water
 - c. pitchers to trap insects
 - d. fleshy leaves to store food and water

3. Which of the following is true about parasitic plant

i. they absorb food from their host
ii. they compete with the host for sunlight
iii. they kill the host plant eventually

- a. (i) and (ii) only
 - b. (i) and (iii) only
 - c. (ii) and (iii) only
 - d. (i), (ii) and (iii)
4. What role does insects play in insectivorous plants
- a. Fertilization process
 - b. Provides nutrients to the plant
 - c. Dispersal of seed
 - d. Provide carbon dioxide to plants

5. 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

6. Haustoria in some of the plants are

- a. sucking branches
- b. sucking stem
- c. sucking root
- d. sucking leaf

7. A relationship between the two living species in which one organism is benefitted at the expense of the other and the other is badly affected is

8. The plants that provide nutrition to the parasitic plant are called

9. Why are insectivorous plants called partial heterotrophs?