



- Q17.** Explain how Pitcher plants get their nutrition? **2 Marks**
- Q18.** How would you test the presence of starch in leaves? **2 Marks**
- Q19.** What do you mean by Symbiosis? **2 Marks**
- Q20.** What is saprotrophic mode of nutrition? **2 Marks**
- Q21.** Give a brief description of the process of synthesis of food in green plants. **3 Marks**
- Q22.** Draw a labelled diagram of cell showing nucleus and cytoplasm. **3 Marks**

**Instructions**

1. New section on new page
2. Honesty is the best policy.
3. Rough work at the last page should be in proper manner too

**SECTION-A**

- Q1.** Choose the correct option from the following:  
Plants take carbon dioxide from the atmosphere mainly through their: **1 Mark**
- A** Roots. **B** Stem. **C** Flowers. **D** Leaves. **1 Mark**
- Q2.** Choose the correct option from the following:  
Which part of the plant takes in carbon dioxide from the air for photosynthesis? **1 Mark**
- A** Root hair. **B** Stomata. **C** Leaf veins. **D** Petals. **1 Mark**
- Q3.** How does carbon dioxide effect photosynthesis? **1 Mark**
- A** Poor availability of carbon dioxide lowers the rate of photosynthesis  
**B** Higher availability of carbon dioxide lowers the rate of photosynthesis  
**C** Poor availability of carbon dioxide increases the rate of photosynthesis  
**D** None of these
- Q4.** Green colour of the plant is due to the presence of: **1 Mark**
- A** Oxygen. **B** Carbon dioxide. **C** Nitrogen. **D** Chlorophyll.
- Q5.** Why Insectivorous Plants Trap Insects? **1 Mark**
- A** They can't get sufficient nutrients, as nitrogen, from soil. **B** They want to take sometimes different nutrition as juices of insects.  
**C** They are autotrophs and some autotrophs are not able to make food. **D** Once in a week, they used their digestive system.
- Q6.** Basic functions which allow living organisms to live on earth are called \_\_\_\_\_. **1 Mark**
- Q7.** Fill in the Blank. **1 Mark**  
The association where two participating plants mutually benefit each other is called \_\_\_\_\_.
- Q8.** Fill in the Blank. **1 Mark**  
All green plants possess \_\_\_\_\_ in their leaves.
- Q9.** Fill in the Blank. **1 Mark**  
The openings present on the surface of leaves are protected by cells called \_\_\_\_\_.
- Q10.** Animals are autotrophs. True/ False. **1 Mark**
- Q11.** Rhizobium can fix atmospheric nitrogen into nitrogen compound. True/ False **1 Mark**
- Q12.** What is the stored food form in sunflower seeds? **1 Mark**
- Q13.** Plant cannot use the nitrogen present in the soil directly. Why? **1 Mark**
- Q14.** What are stomata? **1 Mark**
- Q15.** Algae are green in colour. Why? **1 Mark**

**SECTION-B**

- Q16.** Observe the diagram given below and label the following terms given in the box. **2 Marks**

Stomatal opening, guard cell

