

# DELHI PUBLIC SCHOOL, GAYA

## WORKSHEET-1

**Subject : Science**

**Class : VII**

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1. Choose the correct option :
  - (i) If your food lacks roughages, which one of the following problems might you face?  
(a) Dehydration      (b) Bleeding      (c) Constipation      (d) None of these
  - (ii) Cuscuta is an example of:  
(a) Autotrophs      (b) Parasite      (c) Saprotroph      (d) Host
  - (iii) Organisms live together and share both shelter and nutrients. This relationship is called .....
  - (a) Host      (b) Autotrophic      (c) Lichens      (d) Symbiosis
  - (iv) Which of the following raw material is available in the air for photosynthesis?  
(a) Oxygen      (b) Carbon dioxide      (c) Nitrogen      (d) Hydrogen
2. Fill in the blanks :
  - (i) Protein contains \_\_\_\_\_.
  - (ii) Farmers enrich the soil by adding \_\_\_\_\_.
  - (iii) Green patches in stagnant water are aquatic \_\_\_\_\_.
  - (iv) Mistletoe is an example of \_\_\_\_\_.
  - (v) The pipe like structure that transport food in plant are called \_\_\_\_\_.
3. Very short answer type questions :
  - (i) What are Guard cells?
  - (ii) Name the gas that is produced during photosynthesis?
  - (iii) Write the word equation for photosynthesis.
  - (iv) Give an example of Saprophyte.
4. Short answer type questions :
  - (i) Why do organisms take food?
  - (ii) Why is photosynthesis named so?
  - (iii) Why is Cuscuta categorized as parasite?
  - (iv) Plant cannot use the nitrogen present in the soil directly, why?
5. Long answer questions:
  - (i) Differentiate between
    - (a) Autotrophs and Heterotrophs
    - (b) Parasite and Saprotroph
  - (ii)
    - (a) Why are insectivorous plants called partial heterotrophs?
    - (b) What is the stored food form in sunflower seeds?
    - (c) Why are manure / fertilizers spread in soil?