**Mount Litera Zee School - Haridwar**

**Subject-Science Session- 2018-19**

**Topic Covered-** Nutrition in plants REVISION WORKSHEET

Class-VII

**Q-1** What do chloroplast contain? Do leaves that do not appear green have chlorophyll?

**Q-2** Define photosynthesis. Write a word equation for it.

**Q-3** Answer the following questions in one word-

(i) Name the large, spherical structure usually located in the centre of a cell.

(ii) The nucleus in a cell is surrounded by a jelly like material. Name this material.

(iii) Name the thin, outer covering which encloses a cell.

(iv) Name any two parts which are present in plant cells but not in animal cells.

**Q-4** Consider the following organisms :

Lichen, Mushroom, Cuscuta, Grass, Pitcher plant

Out of these, which one is:

(i) an autotrophic? (ii) a saprophyte? (iii) symbiotic plant? (iv) a parasite (v) a partial heterotroph

**Q-5** Protein are nitrogenous foods. How do plants get nitrogen for making proteins?

**Q-6** The organs A of a tree have a large number of tiny pores called B on their surface. Each pore is surrounded by a pair of cells called C. The opening & closing of pores in A is controlled by C. The gas D present in air enters the organ A through pores B and utilized in food making process E. The gas F produced during process E goes out through the same pores B. What are A, B, C, D,E& F.

**Q-7** A person observes that some plants have deep red, violet and brown colored leaves. Can these leaves of a plant to be used in food making by photosynthesis. Give reason for your answer.

Q-8Differentiate between the followings-

(i) Pitcher plant & bladderwort (ii) Parasites &symbionts

Q-9 Name the following-

(i) A fungus &an alga living together................

(ii) A plant that uses both the autotrophic & heterotrophic modes of nutrition............

(iii) The pores through which leaves exchanges gases................

(iv) The pigment that gives algae their green color...........

Q-10 Two different species of plants X & Y live together as if they are parts of the same plant Z. The plant X is an autotroph whereas plant Y is a saprophyte. The plant Y holds the cells of X in its mat of web like hypae & supplies water and minerals to cells of plant X. The plant X makes food by photosynthesis and shares it with plant Y.

(i) What could plants (i) X(ii) Y (iii) Z be?

(ii) Which of the two plants ,X or Y, is green in color?

(iii) What is the relationship exhibit by plants X and Y known as?

(iv) Give another example of this type of relationship.