



**D.A.V. PUBLIC SCHOOL, NEW PANVEL**  
**2025-2026**  
**SUMMER HOLIDAY ASSIGNMENT**  
**WORKSHEET**

**SUB: SCIENCE**

**STD: VII**

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**Nutrition in living organisms- Plants**

**Q1 Fill in the Blanks:**

- a) Green plants are called \_\_\_\_\_ because they synthesize their own food.
- b) The process by which plants make their food is called \_\_\_\_\_. \_\_\_\_\_.
- c) The green pigment present in leaves is \_\_\_\_\_. \_\_\_\_\_.
- d) The pores on the leaf surface through which gas exchange occurs are called \_\_\_\_\_. \_\_\_\_\_.
- e) The food synthesized by plants is stored in the form of \_\_\_\_\_  
: \_\_\_\_\_.
- f) \_\_\_\_\_ is a living partnership between a fungus and algae,

**Q2 Choose the correct answer**

1). Which of the following is a parasitic plant?

- (a) Mango
- (b) Cuscuta
- (c) Neem
- (d) Rose

2). The plant that traps and feeds on insects is:

- (a) Cuscuta
- (b) China rose
- (c) Pitcher plant
- (d) Rose

3). Rhizobium bacteria help in:

- (a) Photosynthesis
- (b) Nitrogen fixation
- (c) Water absorption
- (d) Transpiration

**Q3 Answer the following:**

Q1. Explain the symbiotic relationship between algae and fungi in lichens.

Q2. Give reason: A Mushroom is a saprotroph.

Q3. State the role of vessels in a plant.

Q4. How do insectivorous plants obtain their nutrition?

Q5. Write the four ways in which nutrients are replenished in the soil.