

DELHI PUBLIC SCHOOL JAMMU

SESSION 2025-26

MONTH : APRIL

ASSIGNMENT -I

CLASS : VII

SUBJECT: SCIENCE

TOPIC: NUTRITION IN PLANTS

Q1 Which one of the following parts of the human body resembles the stomata in terms of function?

- a) Nose
- b) Skin
- c) Ears
- d) Eyes

Q2. Assertion (A): Leguminous plants are examples of symbiotic relationship.

Reason (R) : An algae and a fungus live together in leguminous plants.

- A) Both A and R are true, and R is the correct explanation of A.
- B) Both A and R are true, but R is not the correct explanation of A.
- C) A is true, but R is false.
- D) A is false, but R is true.

Q3. Define Photosynthesis.

Q4. Why do we classify mistletoe as a partial parasite?

Q5. List three differences between Parasitic and insectivorous plants.

Q6. Read the following paragraph and answer the questions that follows:

Plants synthesize some components of food like proteins and fats. Proteins are substances that contain nitrogen. Plants cannot use the nitrogen present in the atmosphere. They need nitrogen in a soluble form. Plants get nitrogen from the soil in the following steps: Soil has certain bacteria called *Rhizobium* bacteria that take atmospheric nitrogen and convert it into water soluble nitrogen compounds like nitrates, adding it into the soil. These nitrates are absorbed by the plants along with water. Some plants like sunflower and mustard convert glucose into oils and store them in their seeds. Plants also synthesize vitamins. Vitamins are found in vegetable, fruits and cereals.

- A. Protein are substances that contain _____.
 - a) Oxygen b) Nitrogen c) Carbon dioxide d) None of these
- B. Sunflower and Mustard convert _____ into oils.
 - a) Glucose b) Starch c) Protein d) None of these
- C. How does plants get nitrogen from soil?