

REVISION PRACTICE ASSIGNMENT (RPA)

SUBJECT- SCIENCE

SESSION-2020-21

CLASS- VII

TOPIC: Chapter-1 NUTRITION IN PLANTS

I. Objective type questions:-

1. Fill in the blanks -

1×5=5 marks

- When iodine is added to starch, it becomes _____ in colour.
- The structures in cells that contain chlorophyll are called _____.
- Living organisms that cannot make their own food are called _____.
- Plants can use _____ only when it is present in the soil in a soluble form.
- _____ in photosynthesis refers to light.

II. Very short answer type questions:-

1×5=5 marks

- Which bacteria in the soil can convert atmospheric nitrogen into soluble compounds?
- Name one organism that gets its food from dead and decaying matter.
- Saprophytes are green in colour. True or false?
- What type of plant is *Cuscuta*?
- What are 'stomata'?

III. Short answer type questions:-

2×3=6 marks

- What factors are essential for photosynthesis to take place?
- Why is nitrogenous fertilizer not added in soil in which leguminous plants are grown?
- Differentiate between autotrophs and heterotrophs, giving two examples of each.

IV. Long answer type question:-

4×1=4 marks

- How will you test a leaf for starch? Mention any precautions you will take.