

CHAPTER- 4
PLANT REPRODUCTION
REVISION WORKSHEET

Q1. FILL IN THE BLANKS

1. Plant _____ is the process by which new plants grow.
2. Seeds of plants like coconut lotus and water lily disperse by _____
3. Radicle grows _____
4. Potato and ginger have underground _____ .
5. Vegetation propagation is the process of reproduction from plant parts like _____ .
6. Plants has root, stem, flower, _____ and _____ .
7. The process in which plant are born is called _____ .
8. _____ is the reproductive organ of the plant .

ANSWERS :1. Reproduction, 2. Water, 3. Downward, 4. Stems, 5. Leaves,
6. Leaves and branches, 7. Germination, 8. Seed

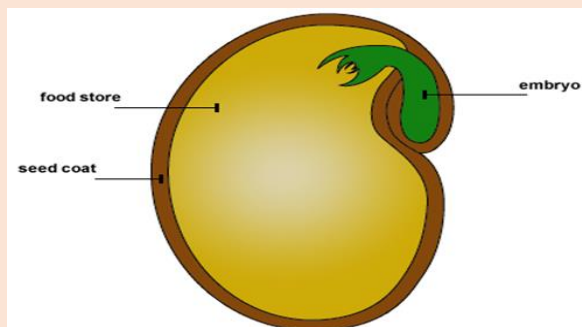
Q2. ANSWER IN ONE WORD :

1. Name a plant that can grow from its stem. => GINGER
2. Name any two plants whose seeds disperse by explosion. => PEAS , BEANS

Q3. ANSWER THE FOLLOWING:

1. Draw the structure of a seed and describe its three layers.

Ans.



The three layers of seeds are :

(a) Seed coat : It is the outermost layer that protect the seed from damage by insects or fungi.

(b) Cotyledons: It is the seed leaves found inside the seed. They provide food to the baby plant or embryo .

(c) Embryo : It is the baby plant found inside the seed . It has two tiny leaves and a root.

2. Name the ways by which seed disperse .

Ans. The ways in which seed disperse are :

- Wind
- Animals
- Water
- Explosion
- Humans

3. How do plants reproduce through leaves?

Ans. Leaves of some plants like Begonia and Bryophyllum grow small buds on their leaf margins that grow into new plantlets.

What is an embryo ?

Ans. An embryo is a baby plant that has leaves and roots inside it.

4. What is a spore ?

Ans. Spore is the reproductive unit of non- flowering plant.