

Class - V

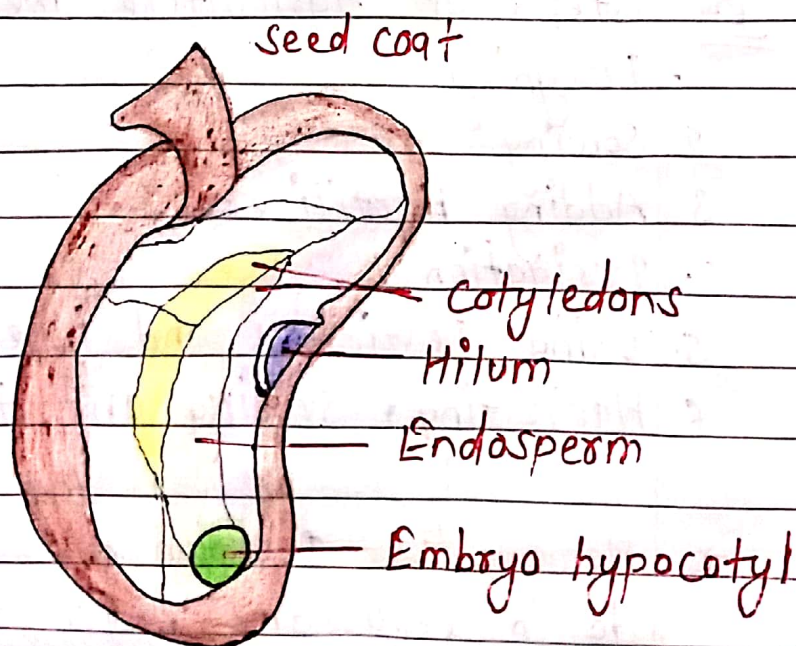
Subject - Science

L-1 Plants - Reproduction and
Agriculture

Answer the following questions :-

Q1. How does a seed germinate to a new plant?Ans Under favorable conditions, the seed takes in water through the hole in the seed coat.

The seed swells and the seed coat bursts open. The new baby plant comes out.

Q2. Describe the structure of a seed with a well labelled diagram.Ans The outer hard cover of the seed is called the seed coat. If we remove the seed coat we will find two seed leaves or cotyledons. The seed carries an embryo inside that contains the basic parts, i.e., small shoot (Plumule) and root (radicle), from which the seedling develops.

Structure of a bean seed

Q3. Distinguish between Kharif crops and Rabi crops.

Kharif Crop	Rabi Crop
1. Crops grown from June to October are called Kharif crops.	1. Crops grown from November to April are called Rabi crops.
2. Examples - Rice, Maize, Cotton	2. Examples - wheat, gram, Pea.

Q4. Why is dispersal of seeds necessary?

Ans If seeds of a plant grow very close to each other, they will not get enough nutrients, space, air, warmth and water to grow. Many of them will perish. So, dispersal of seeds are necessary.

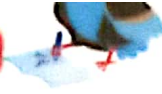
Q5. Name the steps of Agriculture.

Ans Steps of Agriculture are -

1. Ploughing
2. Sowing
3. Adding fertilizers
4. Irrigation
5. Using Pesticides and insecticides
6. Harvesting, storing and transportation.

* Homework: Do Question Answer and book work in copy and learn question answer.

Practice Zone



A. Choose the correct answer.

- The plant which grows from roots is
a. bryophyllum b. dahlia ✓ c. rose
- The outer covering of a seed is called the
a. seed coat ✓ b. seed cover c. cotyledon
- Cotton seeds are dispersed through
a. animals b. water c. air ✓
- Which of the following makes the soil fertile?
a. Manure ✓ b. Pesticide c. Insecticide

B. Name the following:

- A plant that grows from leaves of the parent plant.
- Two plants that reproduce from roots.
- Two plants that reproduce from stems.
- Two plants in which seeds disperse through explosion.
- Two seeds dispersed by water.

Bryophyllum
Radish, Carrot
Rose, Money Plant
Pea, Balsam
Lotus, Coconut

C. Define the following terms:

- Reproduction - A living thing produces more of its own kind is called reproduction.
- Agriculture - Growing of crops on a large scale.
- Dispersal of seeds - scattering away of seeds away from parent plant.
- Germination - The process by which a seed produces a baby plant.
- Seedling - A seed grows into a baby plant called seedling.