

Chapter. 1-Growing new plants.

Q. No. 3.All seeds do not grow into new plants. Explain.

Ans. We know seeds are found within fruits are formed from flowers. Most flowering plants grow from seeds. A plant produces many seeds. But all the seeds do not grow into plants. Some seeds are eaten up by animals and birds, some seeds get destroyed by heat, rain etc, and some others get proper light water and air to grow. Thus only a few seeds grow into new plants.

Q. No. 4.what is germination? Name the condition required for seed germination.

Ans. Germination is the process by which a plant grows from a seed. The right conditions for the seed to grow into a new plant are sufficient water, light warmth and air. The seed grows into a baby plant or a seedling if all these conditions are fulfilled.

Q. No. 5.Name three plants that can be grown from stem part.

Ans. Potato, ginger, onion, calocasia, garlic etc.

Q. No. 6 How are animals helpful in the dispersal of seeds?

Ans. Some plants have juicy fruits that animals and birds eat. The seeds of these fruits pass through the gut of animals and other released at different places because these seeds cannot be digested. Guavas, tomatoes, mangoes and other berry type fruits have such type of seeds. Fruits of some plants such as tigers claws and xanthium have hook like structures. These hooks stick to Fir of animals or clothes of human beings and carry seeds with them. This, animals are helpful in seeds dispersal.

Q. No. 7.Name different steps of agriculture.

Ans. The different steps of agriculture are as follows.

- 1.crop selection
- 2.ploughing.
- 3.manuring.
- 4seed sowing.
- 5.watering.
- 6.spraying pesticides.
- 7.crops growing.
- 8.Harvesting.
- 9.Threshing.
- 10.storage.

1.Give reason for the following.

A. Seed dispersal is necessary for the plants to grow properly.

Ans. When all the seeds fall and start growing beneath the parent plant, they will not be able to get proper sunlight, water and other nutrients. So, seeds must be spread or scattered over a wide area to grow properly.

B. Flowers are an important part of plants.

Ans. Flowers are reproductive part of plants because they help in reproduction. The ovary of the flower becomes fruits and ovules becomes seed within fruits. These seeds grow into new plants.

C. Ploughing is essential before sowing seeds.

Ans. Before sowing of seeds in crop field, loosening of soil and breaking of soil is required for proper aeration of soil. So that roots penetrate deep into the soil. Therefore ploughing is necessary before sowing.

2. Guess who I am.

A. I am added to make the soil fertile-Manure.

B. I contain food for the baby plant. I am a part of the seed-Endosperm.