

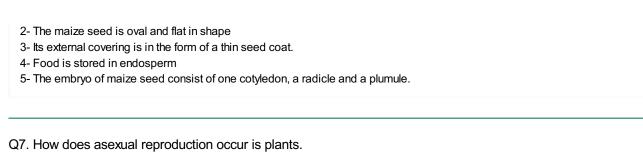
General Science (English Medium) - 5th Class Science Chapter 3 Short Questions Test

O1 Whate is meant by self pollination
Q1. Whate is meant by self pollination.
Ans 1: If pollen grains transferered from the anther of flower to the stigma of the same flower it is called self pollination. It takes place in pea, cotton and tomato etc.
Q2. Define Reproducton.
Ans 1: Reproduction is a process in whihe living organisms reproduce new organisms of thieir kind so that their generation continues.
Q3. Differnce between self pollniation and cross pollination
Ans 1: Self pollnation: If pollen gains are transfeered form the anther of a flower to the stigma of the same flower. It takes place in pea, cotton and tomato etc.
Ans 2: Cross polination: if pollen grains are transferred from the flower of one plant to the stigma of the flower of another plant. It is called cross pollnation. It takes place in maize, papaye, rose etc.
Q4. How many ways of reproduction in plants.
Ans 1: There are two ways of reproduction ofplants. a. Asxual reproduction b. Sexual reproduction
Q5. How many types of pollnation are there.
Ans 1: There are two types of pollnation. i- Self pollination ii- Cross pollination.
Q6. Compare gram and maize seed.
Ans 1: Gram seed 1. There are two cotyledons in the gram seed
2- It is conical pear shaped and light known in colour

Ans 2: Maize seed:

1- There is one cotyledon in its seed.

3- the external covering consists of a thick seed coat.4- There are two cotyledons benefts the seed coat.5- There is an axis beween the two cotyledens.



Ans 1: In asexua reproduction only one plant produces new plants. Flowers do not take partin this type of reproduction. The other parts of the platne.g. root, stem, and leaves give rise to new plant. The plants produced from these parts have a great similarity with the parent plant.

Q8. Describe the struture of seed.

Ans 1: The outer covering of seed is called seed coat. It protect the tiny embryo whihc is present inside seed. There is a ore on seed coat. It is called micropyle. Embryo consists of cotyledons., Which store food. The axis of embryo is between the two cotyledons. The end of axis towards the pointed end of seed is called radicle. When seed germinates, ists radicle form roots. The other end of the axis is called plumule. It gives rise to the shoot.

Q9. Define Pollination.

Ans 1: The transferred of pollen grain from the anther of flower to the stigma. This process is called pollination.

Q10. Write the conditions necessary for seed germination.

Ans 1: All seeds need water, air and proper temperature to germinate.

Ans 2: