

Science Worksheet Grade VII

Reproduction in Plants

- Fill in the blanks:
 - Sexual reproduction is carried out only in _____ plant.
 - _____ pollinated flowers are brightly coloured and have nectar.
 - _____ is an insect-pollinated flower.
 - Fusion of male gamete with the female gamete produces _____.
 - _____ of the flower swells and develops to form fruit.
- Describe the different kinds of asexual reproduction with examples.
- Describe the various ways by which seeds are dispersed.
- Name two plants whose seeds are dispersed when their fruits burst with a sudden jerk.
- Explain how fertilization takes place in a flower?
- Discuss advantages of vegetative propagation.
- Differentiate between:
 - Unisexual flowers and bisexual flowers.
 - Sexual and asexual reproduction.
 - Cross pollination and self-pollination.
- Write two examples for each of the following:
 - Plants that reproduce by forming spores.
 - Plants that reproduce by layering.
 - Plants that reproduce by their roots.
- Why are flowers known as reproductive parts of a plant?
- What is the significance of dispersal of seeds and fruits?
- Why do spores can survive for a long time?
- What is germination? What are conditions needed for germination?
- Which take less time to grow and bear flowers and fruits, plants produced by vegetative propagation or from seeds?
- Write a short note on pollination. Mention the common agents of pollination.
- List the different steps in the formation of seeds and fruits.