

Bharatiya Vidya Bhavans, V.M. Public School

Ch 5- Reproduction in Plants

I Fill in the blanks.

- a) The fusion of male and female gametes is termed as _____
- b) The part of the seed that stores food for the baby plant is called _____
- c) Zygote develops into _____
- d) Xanthium fruits are dispersed by _____ whereas coconut fruit is dispersed by _____
- e) A flower having either male or female reproductive parts are called _____ flower.

II Answer the following questions.

- Q1 Explain any two methods of seed dispersal . Give one example of each.**
- Q2 What is vegetative propagation?**
- Q3 Explain the process of 'budding' in unicellular organisms.**
- Q4 Explain the parts of a flower with a neat, labelled diagram.**
- Q5 Differentiate between self and cross pollination.**

III Choose the correct option.

1 Bryophyllum can reproduce by its

- a) stem b) leaves c) roots d) flowers

2 The asexual method of reproduction in yeast is called

- a) cutting b) spore formation c) budding d) fragmentation

3 Which of the following contain the female gametes of a flowering plant?

- a) ovules b) buds c) pollens d) spores

4 Which of the following does not reproduce by the asexual method of spore formation?

- a) bread mould b) fern c) mosses d) alga

5 The seed which is not dispersed by the wind

- a) drumstick b) grass c) coconut d) cotton