



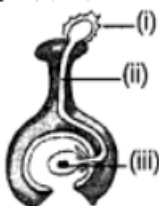
## Question Bank

### Grade 7- Science

#### Chapter 12 -Reproduction in Plants

##### Answer the following questions:

1. Differentiate between a runner and stolon.
2. How does Colocasia propagate naturally?
3. Why are insect-pollinated flowers brightly coloured and scented?
4. Why do wind-pollinated flowers produce more pollen than insect-pollinated flowers?
5. Why are pollen grains of wind-pollinated flowers light in weight?
6. Why does the pollen tube grow from the pollen grain?
7. After fertilisation, what does the ovule contain?
8. Why is dispersal of seeds important?
9. Describe the structure of a maple seed.
10. Define fertilisation in plants
11. Name the male and female reproductive parts of a flower.
12. What is pollination?
13. What is the purpose of seeds in plant?
14. Why is the process of reproduction necessary?
15. Fungus, moss and fern reproduce by a common method of asexual reproduction. Name the method.
16. Mention the mode of reproduction in the following plants
  - (a) Spirogyra
  - (b) Yeast
  - (c) Money plants
17. Flowers are colourful and fragrant. Give reason supporting the statement.
18. What are the bulb-like projections forming in yeasts?
19. In the figure given below, label the part marked (i), (ii) and (iii).



20. Coconut is a large and heavy fruit. How is it adapted for dispersal by water?

21. One morning as Paheli strolled in her garden she noticed many small plants, which were not there a week ago. She wondered, where they had come from as nobody had planted them there. Explain the reason for the growth of these plants.

22. Describe the structure of a flower.

23. Observe the given figure?



(a) Which plant is this? Give the name of the plant.

(b) What does it show?

(c) From where the new plants are developing?

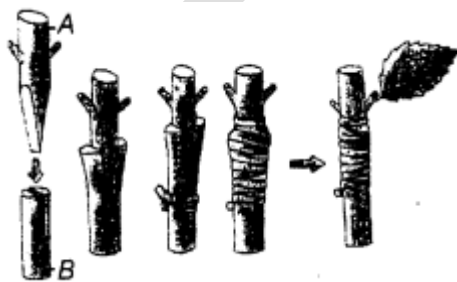
24. Observe the following figure and answer the following questions.

(a) Which type of vegetative propagation has been shown in this figure?

(b) Name two plants where this method of vegetative reproduction takes place.

(c) Is this a sexual or asexual mode of reproduction?

(d) Label the part (A) and (B) in the given figure.



25. Ravi was sitting in a garden with his family. His younger sister comes running with different types of flowers and starts to name their parts. She stops as she forgets some names and Ravi noticing this comes to help her.

His sister asks many questions related to flowers and Ravi answers her with all information he has.

(a) What is a flower and mention its function during reproduction?

(b) Flowers help in pollination and fertilisation. Yes/No? Give reason.

(c) Do all flowers have both male and female parts on them specify?

(d) What values are observed in Ravi and his sister?

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