

CLASS NOTES

Class: VII

Topic: Extra MCQs and Extra Questions

Subject: Science

Chapter 12 : Reproduction in Plants

Instruction: Need not to write this content in your notebook.

I Multiple Choice Questions:

Q1. Vegetative propagation in potato takes place by

- (a) leaves
- (b) stem
- (c) root
- (d) seed

Q2. In which of the following plants buds are present on the margins of leaves?



- (a) Bryophyllum
- (b) Touch me not
- (c) Chandan
- (d) Coriander

Q3. Which of the following parts of a plant take part in sexual reproduction?

- (i) Flower
- (ii) Seed
- (iii) Fruit
- (iv) Branch

Choose the correct answer from below:

- (a) (i) and (ii)
- (b) (i), (ii) and (iii)
- (c) (iii) and (iv)
- (d) (ii), (iii) and (iv)

Q4. Paheli observed that a pond with clear water was covered up with a green algae within a week. By which method of reproduction did the algae spread so rapidly?

- (a) Budding
- (b) Sexual reproduction
- (c) Fragmentation
- (d) Pollination

Q5. Seeds of drumstick and maple are carried to long distances by wind because they possess



- (a) winged seeds
- (b) large and hairy seeds
- (c) long and ridged fruits
- (d) spiny seeds

Q6. Which of the following statements is/are true for sexual reproduction in plants?

- (i) Plants are obtained from seeds.
- (ii) Two plants are always essential.
- (iii) Fertilisation can occur only after pollination.

(iv) Only insects are agents of pollination.

Choose from the options given below:

- (a) (i) and (ii)
- (b) (i) only
- (c) (i) and (iii)
- (d) (i) and (iv)

Q7. Pollination refers to the-

- (a) Transfer of pollen from anther to ovary.
- (b) Transfer of male gametes from anther to stigma.
- (c) Transfer of pollen from anther to stigma.
- (d) Transfer of pollen from anther to ovule.

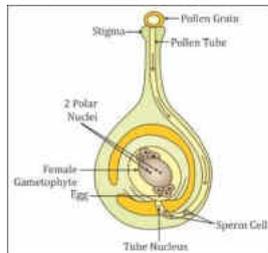
Q8. The process by which plants give rise to new plants without seeds is called

- (a) Sexual reproduction
- (b) Vegetative propagation
- (c) Asexual reproduction
- (d) Budding

Q9. Reproduction in yeast takes place by

- (a) zygote
- (b) fragmentation
- (c) budding
- (d) spore formation

Q10. What is fertilization?

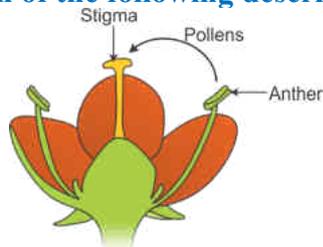


- (a) Fusion of male and female gametes.
- (b) Fusion of pollen and female gametes.
- (c) Fusion of pollen and male gametes.
- (d) Fusion of male and male gametes.

Q11. Reproduction is

- (a) the process of giving birth to young ones.
- (b) process of breathing in air.
- (c) process of digesting food.
- (d) process of excreting wastes.

Q12. Which of the following describes Self-Pollination?



- (a) pollen grains are transferred from anther to stigma of another flower.
- (b) pollen grains are transferred from filament to stigma of the same flower.
- (c) pollen grains are transferred from anther to stigma of the same flower.
- (d) pollen grains are transferred from stigma to anther of the same flow.

Q13. The 'eye' of the potato plant is what?

- (a) The root is to any plant.
- (b) The bud is to a flower.

(c) The bud is to Bryophyllum leaf.

(d) The anther is to stamen.

Q14. The ovaries of different flowers may contain-

(a) only one ovule

(b) many ovules

(c) one to many ovules

(d) only two ovules

Q15. Which among the following have hairs on seed?

(a) Drumstick

(b) Cotton

(c) Aak

(d) Maple

Q16. Which among the following do not reproduce by vegetative reproduction?

(a) Wheat

(b) Sugarcane

(c) Rose

(d) Jasmine

II. Answer the following short questions:

a. What happens to the ovary after fertilization?

b. What is the mode of reproduction in fungi, ferns and mosses?

c. Where are pollen grains produced in a flower?

d. What do we call to the fertilized egg?

e. Name the seeds which get dispersed when the fruit burst.

III. Unscramble the below Jumbled word:

a. INPOANOLITI

b. TEZOYG

c. EGAEMST

d. GDUBNDI

e. MRBEYO