

Class: 7

Subject: Biology

Topic: Reproduction In Plants

No. of Questions: 20

Duration: 60 Min

Maximum Marks: 60

Q1. The reproductive part of plant is

- a. leaf
- b. stem
- c. root
- d. flower

Answer- (d) flower consists of reproductive organs

Q2. The process of fusion of male and female gametes is called

- a. fertilisation
- b. reproduction
- c. Pollination
- d. seed formation

Answer- (a) Fertilisation is the initiation of reproduction.

Q3. Mature ovary forms the

- a. seed
- b. stamen
- c. fruit
- d. Pistil

Answer- (c) fact

Q4. A spore producing organism is

- a. rose
- b. bread mould
- c. potato
- d. ginger

Answer- (b) Spores help in reproduction.

Q5. Bryophyllum can reproduce by its

- a. stem
- b. leaves
- c. roots
- d. flower

Answer- (b) fact.

Q6. When a single parent is involve in the reproduction. This is known as

- a. Sexual reproduction
- b. Asexual reproduction
- c. Isogamy
- d. All of these

Answer- (a) When a single parent is involved in the process, it is called asexual reproduction.

Q7. Yeast and fungi are also known as

- a. non green plants
- b. green plants
- c. Light dependent green plants
- d. All of these

Answer- (a) Yeast is a fungus and fungi are also known as non-green plants

Q8. Budding occurs in

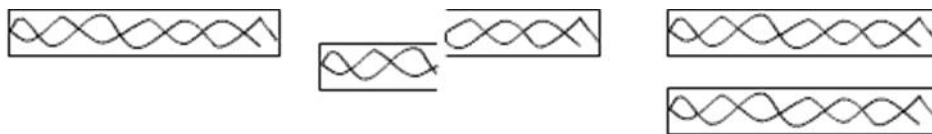
- a. fungi
- b. human
- c. plants
- d. yeast

Answer- (d) Budding method is used by unicellular plants

Q9. Spirogyra shows which type of reproduction.

- a. budding
- b. fragmentation
- c. spore formation
- d. sexual reproduction

Answer- (b) In fragmentation, the plant body is divided into smaller fragments. Each fragment then develops into a new plant.



Fragmentation in Spirogyra

Q10. Spore formation occur in

- (a) animal
- (b) fungi and algae
- (c) hydra
- (d) All of these

Answer- (b) The spores germinate to develop a new plant in algae and fungi.

Q11. root, stem or leaf are the

- (a) vegetative part
- (b) Sexually reproducing part
- (c) Both of them
- (d) None of them

Answer- (a) When a new plant is developed by a vegetative part, it is known as vegetative propagation. Root stem and leaves are the vegetative part of plants.

Q12. Sexual reproduction involve ____ parents.

- (a) one
- (b) two
- (c) depends upon the availability.
- (d) none of these

Answer- (b) When two parents are involved in the process, it is called sexual reproduction.

Q13. _____ is formed after fertilization.

- a) seed
- b) zygote
- c) pollen
- d) None of these

Answer- (b) Zygote leads to growth of a new organism.

Q14. Calyx and corolla are the part of

- a) flower
- b) leaf
- c) roots
- d) stem

Answer-(a) Flower is the reproductive part of plant consisting of calyx and corolla.

Q15. Colorful petals attract

- a) air
- b) water
- c) insects, birds and other animals
- d) None of the above.

Answer-(c) Fact from practical application.

Q16. Name of male gamete in plant is

- a) stigma
- b) Pollen grain
- c) pistil
- d) zygote

Answer-(b) Pollen grain helps in sexual reproduction in plants.

Q17. When anthers from a different flower are transferred to the stigma; it is called_____

- a) Cross pollination.
- b) Self-pollination.
- c) Pollination.
- d) All of these

Answer-(a) Cross pollination is the norm in most of the plants

Q18. Pollen grain germinate to form

- (a) stigma
- (b) ovary
- (c) Pollen tube
- (d) ovule

Answer- (c) When pollen settles on top of the stigma, it germinates to produce a pollen tube.

Q19. The seed is an embryo which is enclosed in a protective coat.

- a) stigma
- b) ovary
- c) Pollen grain
- d) embryo

Answer-(d) The seed is an embryo which is enclosed in a protective coat.

Q20. Pollen grains are produced by

- a) Anther
- b) stigma
- c) style
- d) ovary

Answer-(a) The anther produces pollen grains; which are the male gametes.