

Class : XIIth
Date :

Subject : BIOLOGY
DPP No. : 4

Topic :- Reproduction in Organisms

- Common mode of reproduction in *Penicillium* is
a) Conidia b) Buds c) Gemmules d) Zoospore
- An example of corm is
a) Ginger b) *Colocasia* c) Onion d) Potato
- Corm is modification of:
a) Root b) Leaf c) Stem d) Bud
- Female gametes are also called
a) Egg b) Ovum c) Both (a) and (b) d) Antherozoid
- Which of the following have haploid plant body in most of organisms?
a) Monera b) Fungi
c) Algae and Bryophytes d) All of above
- The most significant value of vegetative propagation is that:
a) It enables rapid production of genetic variation
b) It is a means of producing a large population of individuals genetically identical to the parent
c) It ensures that the progeny are safe from attack of diseases and practice
d) It is an ancient practice
- Embryogenesis is process of development of embryo from the zygote. During this process zygote undergoes:
a) Meiosis b) Cell division (mitosis)
c) Cell differentiation d) Both (B) and (C)
- Embryo sac is found in:
a) Endosperm b) Embryo c) Ovule d) Seed
- Hydra* reproduces asexually through:
a) Fragmentation b) Budding c) Binary fission d) Sporulation
- Eyes on the potato, sugar cane, ginger are

- a) Condensed nodes
- c) Interspread rhizome

- b) Condensed internode
- d) Interspread corm

11. Which one of the following is correctly matched?

- a) Ginger-Sucker
- c) Yeast-Zoospores

- b) *Chlamydomonas*-Conidia
- d) Onion-Bulb

12. Period of pregnancy is called:

- a) Gestation period
- b) Incubation period

- c) Pre-patent period
- d) Blastulation

13. Menstrual cycle is completed in:

- a) 30 Days
- b) 31 Days

- c) 28 Days
- d) 27 Days

14. Reproduction is

- a) Biological process of producing young ones
- b) Non-biological process of producing young ones
- c) Biological process of producing mature ones
- d) None of the above

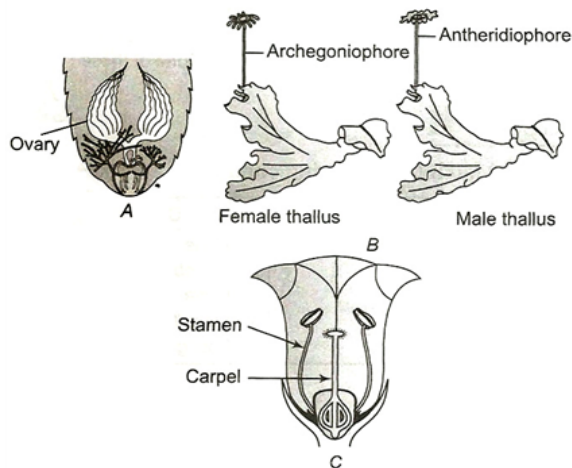
15. Why water hyacinth is called Terror of Bengal?

- a) It is being used as food for fish
- b) It consumes oxygen from cultivated plant and destroy them
- c) It consumes oxygen from water and decreases O₂ concentration in water
- d) It is a weed

16. Development of fruit without fertilization is called:

- a) Cell division
- b) Cell culture
- c) Parthenocarpy
- d) Parthenogenesis

17. Give the name of the following diagram



- a) A-Male cockroach, B-*Funaria*, C-Unisexual flower
- b) A-Male cockroach, B-*Marchantia*, C-Bisexual flower

- c) A-Female cockroach, B- *Cycas*, C-Unisexual flower
- d) A-Female cockroach, B- *Marchantia*, C-Bisexual flower

18. In diploid organism the gamete producing cells are called
- a) Gamete mother cell
 - b) Meocytes
 - c) Both (a) and (b)
 - d) None of these
19. Clone is a group of individuals got through:
- a) Self pollination
 - b) Cross pollination
 - c) Vegetative propagation
 - d) Hybridization
20. Zoospores are
- a) Motile gametes
 - b) Female motile gametes
 - c) Sessile gametes
 - d) Female sessile gametes