

DPP

DAILY PRACTICE PROBLEMS

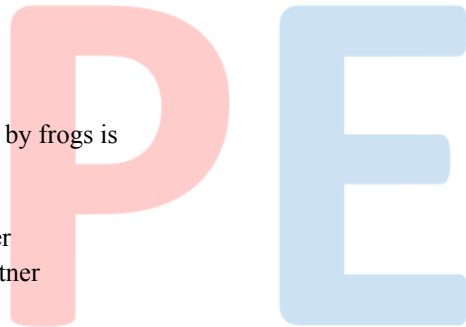
Class : XIIth
Date :

Subject : BIOLOGY
DPP No. : 10

Topic :- Reproduction in Organisms

- In rabbit, ex-abdominal reproductive organs are
 - Testes, Penis, Epididymis
 - Testes, Vas deferens, Testes sac
 - testes, Vas deferens, Ejaculating duct
 - Testes sac, Seminal Vesicle, Epididymis
- Virus free culture of banana can be raised from
 - Apical cells
 - Pith of stem
 - Leaf lamina
 - Primary root
- In a type of layering, the basal branch is pegged down in the soil at several places to form a number of new plants from a single branch. It is known as
 - Serpentine layering
 - Air layering
 - Simple layering
 - All of these
- One of the methods of vegetative propagation is by cutting. In woody plants roots are readily formed
 - If branches are cut from juvenile stage
 - If older branches are cut from adult stage
 - If younger branches are cut from adult stage
 - There is no difference
- The group of crop plants which are vegetatively propagated is
 - Potato, Papaya, Banana
 - Onion, Coriander, Lime
 - Groundnut, Drumstick, Cashewnut
 - Sugarcane, Tapioca, Banan, Potato, Rose
- Grafting of vegetable yielding plants is not done because
 - The variety cannot be improved
 - The yield cannot be improved
 - They are mostly herbs
 - They may get killed
- Agamospermy and vegetative propagation represent
 - Asexual reproduction
 - Sexual reproduction

- (C) Adventive polyembryony
(D) Apomixis
8. Root of sweet potato when placed in suitable soil
(A) Undergoes fragmentation
(B) Sprouts
(C) Undergoes decay
(D) Develops more adventitious roots
9. Parthenogamy represents the
(A) Union of two vegetative nuclei
(B) Union of two parent hyphae
(C) Union of two gametes of one sex
(D) Union of three gametes
10. In sugarcane, the lower ends of cuttings are often dipped in IBA prior to sowing to promote
(A) Rooting
(B) Increase in number of shoot buds
(C) Sprouting of shoot bud
(D) None of these
11. The croaking sounds made by frogs is
(A) Hunger call
(B) Just a musical note
(C) Signaling call of danger
(D) Sex call for female partner
12. Which type of reproduction is found in Hydra
(A) Polyembryony (B) Sexual and asexual
(C) Parthenogenesis (D) Encystment
13. Gemmule formation in sponges is helpful in
(A) Parthenogenesis
(B) Sexual reproduction
(C) Only dissemination
(D) Asexual reproduction
14. Which is mode of reproduction in Amoeba
(A) Binary fission only
(B) Binary fission and multiple fission
(C) Binary fission and conjugation
(D) Multiple fission only
15. Which of the following shows the sexual dimorphism
(A) *Hydra* and *Ascaris*



- (B) *Hydra* and *Oryctolagus*
(C) *Ascaris* and *Pheretima*
(D) *Ascaris* and *Oryctolagus*
16. Drones in a colony of honey bees originate by
(A) Thelytoky
(B) Arrhenotoky
(C) Cyclic parthenogenesis
(D) Diploid parthenogenesis
17. Arrhenotoky is related to
(A) Parthenogenesis (B) Wax formation
(C) Both (A) and (B) (D) None of these
18. Binary fission is found in
(A) *Amoeba* (B) *Paramecium*
(C) *Planaria* (D) All of these
19. Eutherian mammals are
(A) Oviparous (B) Viviparous
(C) Ovoviviparous (D) Both (A) and (C)
20. In Earthworms, self fertilization does not occur due to
(A) Hypogyny (B) Protogyny
(C) Protandry (D) Epigyny