

DPP

DAILY PRACTICE PROBLEMS

Class : XIIth
Date :

Subject : BIOLOGY
DPP No. : 5

Topic :- Reproduction in Organisms

- In oviparous individuals development of zygote takes place
 - Outside the body
 - Inside the body
 - Inside the freshwater
 - Inside the marine water
- Which is correct about anthers. They are:
 - Haploid
 - Diploid
 - Diploid as well as triploid
 - Haploid, diploid and triploid
- In grafting scion forms:
 - Shoot system
 - Root system
 - New plant
 - Hybrid plant
- Vegetative propagation in mint occurs by:
 - Runner
 - Offset
 - Rhizome
 - Sucker
- Division in a bacterial cell is carried out through
 - Multiple fission
 - Binary fission
 - Budding
 - Plasmotomy
- During oogenesis, each diploid oocyte produces:
 - Four functional ova
 - Two functional eggs and two polar bodies
 - Four functional polar bodies
 - One functional egg and three polar bodies
- Choose the option with correct identification of *A, B, C, D* and *E* given below:

15. A scion is grafted to stock. The quality of fruits produced will be determined by the genotype of:
- a) Stock
 - b) Scion
 - c) Both stock and scion
 - d) Neither stock nor scion
16. Oestrus cycle is cyclic changes in the activities of ovaries and accessory duct during
- a) Reproductive (seasonal) period
 - b) Maturation period
 - c) Ageing period
 - d) Juvenile period
17. 'Unisexual female flower is called staminate'. The above statement is
- a) True
 - b) False
 - c) Sometimes (a) and sometimes (b)
 - d) Neither (a) nor (b)
18. Animals giving birth to young ones are:
- a) Oviparous
 - b) Ovoviviparous
 - c) Viviparous
 - d) Both (B) and (C)
19. Pollination is
- a) Transfer of gametes on stigma
 - b) Transfer of male gametes on stigma
 - c) Transfer of female gametes on stigma
 - d) Fusion of male and female gametes
20. What is common between vegetative reproduction and apomixis?
- a) Both occur round the year
 - b) Both produce progeny identical to the parent
 - c) Both are applicable to only dicot plants
 - d) Both bypass the flowering plant