

Class : XIth
Date :

Subject : BIOLOGY
DPP No. : 10

Topic :- Plant Kingdom

- In pteridophytes, gametophytes require ...A... to grow
 - Cool, damp and shady places
 - Dry places
 - Terrestrial area
 - Water
- Which one of the following pairs of plants are not seed producers?
 - Fern and *Funaria*
 - Funaria* and *Ficus*
 - Ficus* and *Chlamydomonas*
 - Fern and *Pinus*
- A bryophyte, which harbours a nitrogen fixing blue-green alga in its thallus, is
 - Pogonatum*
 - Riccia*
 - Marchantia*
 - Anthoceros*
- Rhodophytes are commonly called as
 - Blue-green algae
 - Red algae
 - Brown algae
 - Green algae
- This place in India is called 'The Golden Mine of Liverworts'.
 - Eastern Himalayas
 - Western Himalayas
 - Western Ghats
 - Eastern Ghats
- In the alternation of generations the sporophytic generations is ...A... and the gametophytic generation is ...B... Here A and B refer to
 - A-2*n*; B-*n*
 - A-*n*; B-2*n*
 - A-*n*; B-*n*
 - A-2*n*; B-2*n*
- Chloroplasts of *Spirogyra* have
 - Spiral margin
 - Smooth of waxy margin
 - Smooth margin
 - None of these
- In *Selaginella* the adaxial outgrowth from the base of leaf is called
 - Ligule
 - Velum
 - Rhizophore
 - Glossopodium
- In *Dryopteris*, the opening mechanism of sporangium is effectively operated by
 - Stalk
 - Stomium
 - Annulus
 - None of these
- Calcium encrustation and larvicidal properties are present in
 - Chara*
 - Oscillatoria*
 - Diatoms
 - Canlerapa*

11. Iodine is obtained from
a) *Laminaria* b) *Chlorella* c) *Polysiphonia* d) *Porphyra*
12. Number of archegonia in *Cycas* is
a) 8 b) 4 c) 1 d) 2
13. Which of the following in moss capsule is haploid/gametophytic tissue?
a) Annulus and peristome b) Calyptra and spore
c) Columella and theca d) Operculum foot and seta
14. In angiosperms seeds are enclosed by
a) Flowers b) Fruits c) Ovule d) Parianth
15. Double fertilisation involves
a) Syngamy and triple fusion b) Double fertilisation
c) Development of antipodal cell d) Development of synergids
16. Which one of the following is a gymnosperm?
a) Mango b) Walnut c) *Funaria* d) Chilgoza
17. Which of the following propagates through leaf-tip?
a) Walking fern b) Sprout-leaf plant c) *Marchantia* d) Moss
18. The spores in the moss plant are formed in
a) Foot b) Seta c) Capsule d) Both (b) and (c)
19. Antherozoids of *Dryopteris* are
a) Multiciliated and coiled b) Multiciliated and sickle-shaped
c) Biciliated and coiled d) Biciliated and sickle-shaped
20. Which has vascular tissue, produces spores but does not have seeds?
a) Bryophyta b) Pteridophyta c) Gymnosperms d) Angiosperms