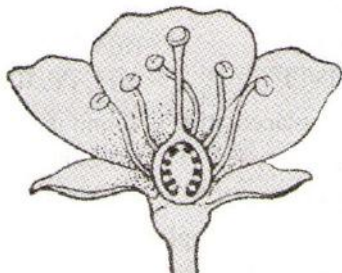


Class : XIth
Date :

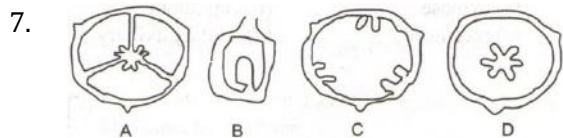
Subject : BIOLOGY
DPP No. : 3

Topic :- Morphology of Flowering Plants

1. The flower shown in the adjacent diagram is



- a) Homochlamydous, unisexual and hypogynous
b) Homochlamydous, bisexual epigynous
c) Dichlamydous, bisexual and hypogynous
d) Heterochlamydous, bisexual and epigynous
2. Sucking roots are present in the plant
a) Betel
b) *Cuscuta*
c) *Mangifera*
d) *Solanum*
3. The root system growing near the base of the radical in monocots is
a) Haptera
b) Anchoring roots
c) Clinging roots
d) Seminal roots
4. The hardest part of drupe is
a) Mesocarp
b) Endocarp
c) Pericarp
d) Epicarp
5. Cyathium and Hypanthodium inflorescence are related in having
a) Nectar glands
b) Unisexual flower
c) Both (a) and (b)
d) None of these
6. The plant mentioned in question number 174 belongs to which family?
a) Euphorbiaceae
b) Musaceae
c) Solanaceae
d) Fabaceae



- In the diagram of types of placentation given above 'A', 'B', 'C', and 'D' respectively represent
- a) Basal, axile, parietal and free central
b) Free central, parietal, basal and axile
c) Axile, basal, parietal and free central
d) Parietal, axile, free central and basal

8. Geocarpic fruits are produced by
 a) Carrot b) Onion c) Groundnut d) Watermelon
9. Tricarpellary, syncarpous, superior ovary is seen in
 a) *Allium* b) *Oenothera* c) *Solanum* d) *Dolichus*
10. Ginger multiplies vegetatively by
 a) Bud b) Tuber c) Stem d) Rhizome
11. Opening of a flower and drooping of a bud are examples of
 a) Nyctinasty b) Hyponasty
 c) Seismonasty d) Epinasty
12. Pappus is present in Compositae for
 a) Air pollination b) Insect pollination c) Water pollination d) Air dispersal
13. From the options given below, find out the correct floral formula for a flower having the following characters namely actinomorphic, bisexual, five united sepals, five united petals, stamens five and epipetalous, bicarpellary, syncarpous with superior ovary
 a) $\oplus \overset{\sigma}{\underset{\text{♀}}{\square}} K_{(5)} \underline{C}_{(5)} \underline{A}_5 \underline{G}_{(2)}$ b) $\oplus \overset{\sigma}{\underset{\text{♀}}{\square}} K_{(5)} C_{(5)} A_{(5)} \underline{G}_{(2)}$
 c) $\oplus \overset{\sigma}{\underset{\text{♀}}{\square}} K_{(5)} \underline{C}_{(5)} \underline{A}_{(5)} \underline{G}_{(2)}$ d) $\oplus \overset{\sigma}{\underset{\text{♀}}{\square}} K_{(5)} C_{(5)} A_{(5)} G_{(2)}$
14. Guttation occurs through
 a) Lenticels b) Hydathodes c) Periderm d) Stomata
15. Root is distinguishable from stem in
 a) Having root hairs b) Having root cap c) Absence of nodes and internodes d) All of the above
16. Monothealous anther is the characteristic of
 a) Malvaceae b) Liliaceae c) Brassicaceae d) Solanaceae
17. Which of the following plants has haustorial roots?
 a) Pea b) *Trapa* c) Lily d) *Cuscuta*
18. Type of aestivation shown by *Pisum* is
 a) Imbricate b) Vexillary c) Twisted d) Quincuncial
19. Which of the following monocotyledonous seed is non-endospermic?
 a) Maize b) Wheat c) Coconut d) Orchid
20. Perianth in the spikelet of jowar is represented by

a) Lodicules

b) Sepals and petals

c) Glumes

d) Lemma and palea

PE