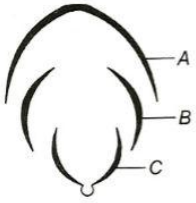
DPP
DAILY PRACTICE PROBLEMS

Class : XIth **Subject : BIOLOGY**
Date : **DPP No. : 7**

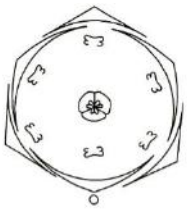
Topic :- Morphology of Flowering Plants

1. In *Amorphophallus*, vegetative reproduction occurs through
   a) Rhizome b) Corm c) Spores d) Conidia
2. Flowers, in which only one set of essential organ is present are said to be
   a) Bisexual b) Monoecious c) Dioecious d) Unisexual
3. Which one of the following conditions is seen in the roots of a plant having submerged assimilatory roots and spongy petioles?
   a) Triarch b) Monarch c) Tetrarch d) Diarch
4. How many types of inflorescence are present in angiosperm depending on whether the apex gets converted into a flower or continuous to grow?
   a) Three type b) Four type c) Five type d) Two type
5. Which one of the following families shoes both freedom and fusion in four successive whorls of the flower from exterior in different members?
   a) Malvaceae b) Solanaceae c) Asteraceae d) Liliaceae
6. Which of the following pairs is not correct?
   a) Corymb-Candytuft b) Capitulum-Sunflower
   c) Catkin-Mulberry d) Raceme-Wheat
7. Haustoria are found in
   a) *Cuscuta* b) *Vanda* c) *Heritiera* d) *Dahlia*
8. Identify the type of petals in the given diagrams (A, B and C)



   a) A-Wings, B-Keel, C-Standard
   b) A-Keel, B-Wings, C-Standard
   c) A-Standard, B-Wings, C-Keel
   d) A-Standard, B-Keel, C-Wings
9. Regions of root from the root tip to base are
   a) Region of maturation → Region of elongation → Region of meristematic activity
   b) Region of elongation → Region of maturation → Region of meristematic activity
   c) Region of meristematic → Region of elongation → Region of maturation
   d) Region of dividing → Region of maturation → Region of elongation

10. Endosperm is consumed by developing embryo in the seed of
    a) Coconut b) Castor c) Pea d) Maize
11. $\oplus \, ♀♂ \, P_{3+3}$ or $(3+3)A_{3+3}\,\underline{G}_{(3)}$ is the floral formula of
    a) Malvaceae b) Solanaceae c) Cruciferae d) Liliaceae
12. Which of the following families has the floral formula $K_{(5)}C_{(5)}A_{(\infty)}\underline{G}_{(5)}$?
    a) Compositae b) Cruciferae c) Leguminosae d) Malvaceae
13. Seedless banana is
    a) Parthenocarpic fruit b) Multiple fruit c) Drupe fruit d) True fruit
14. The bladder of *Utricularia* and pitchers of *Nepenthes* are modification of
    a) Stems b) Leaves c) Roots d) Flowers
15. The main function (s) of root is
    a) Absorption of water and minerals
    b) To provide proper anchorage of plant
    c) To store reserve food material and synthesis of plant growth regulators
    d) All of the above
16. Examples of drupe fruit is/are
    a) Mango b) Coconut c) Both (a) and (b) d) None of these
17. The plumule and radicle are enclosed in sheath which are called
    a) Aleurone layer, scutellum b) Aleurone layer, coleoptile
    c) Aleurone layer, coleorhiza d) Coleoptile, coleorhiza
18. Diagram belongs to



    a) Coffee plant (Solanaceae) b) Vinea plant (Rutaceae)
    c) Potato plant (Solanaceae) d) Onion plant (Liliaceae)
19. The reticulate venation is shown by
    I. *Smilax* (monocot) II. *Colocasia* (monocot)
    III. Gram (dicot)
    Select the correct combination from the given options
    a) I and II b) II and III c) III and I d) I, II and III
20. Nutrition is shown by
    a) Root b) Stem c) Tendril d) None of these