

Class : XIth
Date :

Subject : BIOLOGY
DPP No. : 6

Topic :- Morphology of Flowering Plants

- $G_{(2)}$ represents
 - Gynoecium, bicarpellary, apocarpous, superior
 - Gynoecium, bicarpellary, syncarpous, inferior
 - Gynoecium, bicarpellary, syncarpous, inferior
 - Gynoecium, bicarpellary, syncarpous, superior
- Potato is a modification of
 - Stem
 - Rhizome
 - Root
 - Leaf
- Non-endospermic seeds are found in
 - Castor
 - Rice
 - Wheat
 - Bean
- Respiratory roots are found in
 - Rhizopus*
 - Orchids
 - Vallisneria*
 - Mangrove plants
- Parachute mechanism of seed dispersal occurs in
 - Sunflower
 - Antirrhinum*
 - Mango
 - Apple
- I. Epicarp is thin
II. Mesocarp is fleshy and edible
III. Endocarp is strong hard
These are the probable features of
 - Coconut
 - Brinjal
 - Almond
 - Mango
- Dahlia* and *Asparagus* possess
 - Stilt roots
 - Fusiform roots
 - Tuberous roots
 - Fasciculated roots
- Which one of the following is correctly matched pair of a certain plant family and its one example?
 - Malvaceae-Cotton
 - Leguminosae-Mango(or sunflower)
 - Cucurbitaceae-Orange
 - Brassicaceae-Wheat
- Carthamus* belongs to family

- a) Compositae b) Gramineae c) Liliaceae d) Solanaceae

10. Aggregate fruit develops from

- a) Multicarpellary, apocarpous ovary b) Multicarpellary ovary
c) Multicarpellary, syncarpous ovary d) Monocarpellary ovary

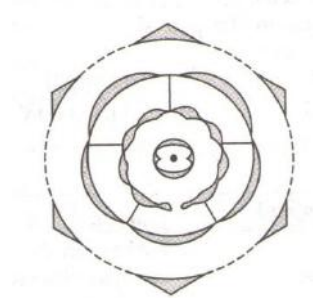
11. Bracts enclosing a cluster of flowers are known as

- a) Bracteate b) Involucre c) Petaloid d) Polysepalous

12. A fibrous root system is excellent for

- a) food storage b) nitrogen fixation
c) absorbing water from deeper layer of soil d) providing good anchorage for the plant

13. The floral formula of the given floral diagram is



- a) $\text{Br } \overline{\text{Q}} \text{K}_{\text{pappus}} \text{C}_{(5)} \text{A}_0 \text{G}_{(2)}$ b) $\text{Br } \overline{\text{Q}} \text{K}_{\text{pappus}} \overline{\text{C}_{(5)} \text{A}_{(5)}} \text{G}_{(1)}$
c) $\text{Br } \overline{\text{Q}} \text{K}_{\text{pappus}} \overline{\text{C}_{(5)} \text{A}_{(5)}}, \text{G}_{(2)}$ d) $\text{Br } \overline{\text{Q}} \text{K}_{\text{pappus}} \overline{\text{C}_{(5)} \text{A}_{(5)}}, \text{G}_{(2)}$

14. Lateral branches with short internodes and each nodes bearing a rosette of leaves above and a tuft of roots below is found in aquatic plants like *Pistia* and *Eichhornia*. These lateral branches are called

- a) Suckers b) Offsets c) Stolons d) Rhizome

15. Cereals mostly belongs to the family

- a) Cruciferaceae b) Poaceae c) Brassicaceae d) Asteraceae

16. Edible part if mango is

- a) Endocarp b) Receptacle c) Epicarp d) Mesocarp

17. Edible part of tomato is

- a) Epicarp b) Pericarp and placenta
c) Mesocarp d) Thalamus

18. In banana, which of the following part is edible?

- a) Epicarp b) Mesocarp c) Endocarp d) Both (a) and (c)

19. Sorosis is found in
a) Jack fruit b) Mulberry c) Fig d) Both (a) and (b)
20. Ovary is half-inferior in the flowers of
a) Guava b) Plum c) Brinjal d) Cucumber

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