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SUBJECT CODE NO:- B-2038
FACULTY OF SCIENCE & TECHNOLOGY
B.Sc. F.Y. (Sem-I)
Examination November/December- 2022
Botany Paper-II
Morphology of Angiosperms

[Time: 1:30 Hours]

[Max. Marks:50]

N.B “Please check whether you have got the right question paper”

- i) Attempt all Questions.
- ii) Illustrate your answers with well-labelled diagrams.

Q.1 Explain general characters, functions & regions of roots.

20M

OR

Describe aerial & sub-aerial modification of stem.

Q.2 Define Inflorescence & explain different types of inflorescence.

20M

OR

Write short notes on (any four)

- a) opposite and whorled phyllotaxy
- b) Rhizome
- c) Hypogynous flower
- d) Monadelphous and diadelphous stamens
- e) Drupe fruit
- f) seed dispersal by water

Q.3 Multiple choice questions:

10M

- 1. _____ is respiratory root.
a) Fusiform root b) Napiform root c) conical root d) pneumatophores
- 2. The edible part of potato is _____
a) stem b) Leaf c) Root d) All of these

3. Leaves are modified into thin, wiry, slender & If coiled structure known as _____
a) Leaf spine b) stipules c) tendrils d) Thorn
4. Cyathium is a type of _____
a) Inflorescence b) Flower c) Fruit d) seed
5. In Epigenous flower ovary is _____
a) superior b) Inferior c) semi-superior d) All of these
6. Internode between androecium and gynoecium is called as _____
a) Androphore b) Gynophore c) Gynandrophore d) All of these
7. Dispersal of seeds by wind is called as _____
a) Anemochory b) Anemophily c) Hydrochory d) Hydrophily
8. Calyx & corolla are also known as _____
a) Accessory whorls b) Essential whorls c) Reproductive whorls d) primary whorls
9. Arrangement of sepals or petals in bud condition is called as –
a) placentation b) Aestivation c) phyllotaxy d) None of these
10. In Bicarpellary syncarpous condition, carpels are _____
a) Two & united b) Two & free c) Three & united d) Three & free