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SUBJECT CODE NO: - CB-2338
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. F.Y (Sem-I)
Examination December/January-2022-23
Botany Paper-II BOT-021
Morphology of Angiosperms

[Time: 1:30 Hours]

[Max. Marks: 40]

Please check whether you have got the right question paper.

N. B

- 1) Attempt All questions
- 2) All question carry equal marks
- 3) Draw neat and well-labelled diagram necessary

Q1 Describe modification of leaf. 10

OR

Describe in brief

- a) Fasciculated and nodulose root
- b) Runner and offset

Q2 Define fruit. Describe types of simple fruit. 10

OR

Describe in brief

- a) Papilionaceous corolla
- b) Verticillaster

Q3 Write short notes on: (any two) 10

- a) Functions of stem
- b) Etaerio of barriers
- c) Axile placentation

Q4 Multiple choice questions.

1. Rhizome is modification of _____.
a) tap root b) underground stem c) Adventitious root d) aerial stem
2. In hypogynous flower the ovary is _____.
a) half superior b) inferior c) superior d) half inferior
3. The leaf without petiole is called _____.
a) petiole b) sub-sessile c) sub petiolate d) sessile
4. The plants complete their life cycle in two year is known as _____.
a) Annuals b) perennials c) biennials d) ephemerals
5. Calyx and corolla of flowers are _____.
a) Accessory and Essential whorls b) essential whorls
c) Accessory whorls d) reproductive whorls
6. The pneumatophores are also known as _____.
a) Respiratory roots b) Respiratory stem c) storage roots d) Epiphytic roots
7. The small hair like outgrowth at the base of leaf stalk termed as _____.
a) Stipule b) ligule c) bracts d) Bud
8. The modified hairy calyx of flower is known as _____.
a) perianth b) pappus c) sepal d) epicalyx
9. The flower without pedicel is called as _____.
a) pedicillate b) sessile c) petiolate d) all of these
10. The axis of inflorescence is known as _____.
a) thalamus b) pedicel c) peduncle d) petiole