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SUBJECT CODE NO: BB-2314

FACULTY OF SCIENCE AND TECHNOLOGY

B.Sc. (CBCGS) (Pattern 2022) F.Y SEM I

Examination November / December 2025

Botany Paper-II 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 questions carry equal marks.
- 3) Draw neat and well-labelled diagrams wherever necessary.

Q1 Describe root modifications.

10

OR

Describe in brief:

- A) Characteristics and functions of the stem
- B) Compound leaf and its types

Q2 Define flower. describe types of placentation.

10

OR

Describe in brief:

- A) Simple fruits
- B) Seed dispersal strategies

Q3 Write short notes on (any two)

10

- A) Modular type of growth
- B) Spadix inflorescence
- C) Papilionaceous corolla

Q4 Multiple Choice Questions.

10

1. If leaf base is swollen, it is called:
  - a) Epipodium
  - b) Pulvinus
  - c) Stylopodium
  - d) Pinnule
2. Massive aerial roots present in a banyan tree are:
  - a) Fibrous
  - b) Respiratory
  - c) Epiphytic
  - d) Prop roots
3. Diadelphous stamens are found in:
  - a) Pea
  - b) Citrus
  - c) China Rose
  - d) Lily

4. monocotyledonous seeds, the outer covering of endosperm separates the embryo by a proteinous layer called:  
a) Scutellum                      b) Aleurone                      c) Testa                      d) Tegmen
5. Which of the following are the essential parts of the flower ?  
a) Sepals & gynoecium                      b) Sepals & petals  
c) Androecium & gynoecium                      d) Sepals & carpels
6. Which among the following the fruit type found in family Asteraceae ?  
a) Drupe                      b) Nut                      c) Samara                      d) Cypsela
7. Which of the following Embryo parts contain radicle and plumule ?  
a) Embryonal axis                      b) Endosperm  
c) Seed coat                      d) Cotyledon
8. The plant form with weak stem and soft tissues is:  
a) Climber                      b) Herb                      c) Shrub                      d) Tree
9. The Flower is modified -----  
a) Stipule                      b) Leaflet                      c) Shoot                      d) Branch
10. pericarp and placentae are edible parts of simple fleshy berry fruit is  
a) Tomato                      b) Date palm                      c) Jackfruit                      d) Banana

