

2024

(FYUGP)

(3rd Semester)

BOTANY

(Minor)

Paper Code : BCC-M-3

(Morphology and Anatomy of Angiosperms)

Full Marks : 75

Pass Marks : 40%

Time : 3 hours

(PART : B—DESCRIPTIVE)

(Marks : 50)

*The figures in the margin indicate full marks
for the questions*

UNIT—I

1. Write a detailed note on the types and modification of root. 10

OR

2. Write a note on the structure and classification of fruits.

(2)

UNIT—II

3. Write short notes on the following : 5+5=10
- (a) Flower as a modified shoot
 - (b) Types of placentation

OR

4. What are cohesion and adhesion of floral parts? Write a note on the relative position and numeric plan. 5+5=10

UNIT—III

5. Define tissue. Write a note on the structure and function of complex tissue. 2+8=10

OR

6. Write short notes on the following : 5+5=10
- (a) Types of vascular bundle
 - (b) Simple tissue

UNIT—IV

7. Write a detailed note on the theories on apical organization. 10

(3)

OR

8. Write short notes on the following : 5+5=10

- (a) Histogen theory
- (b) Arrangement of primary tissues in monocot leaves

UNIT—V

9. What is secondary growth? Write a note on the secondary growth in stem. 10

OR

10. Write notes on the following : 5+5=10

- (a) Seasonal activity of Cambium
- (b) Earlywood and Latewood
