

SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN  
(AUTONOMOUS)

(Affiliated to the University of Madras and Re-accredited with 'A+' Grade by NAAC)  
Chromepet, Chennai — 600 044.

B.Sc. - END SEMESTER EXAMINATIONS APRIL-2022

SEMESTER - III

20UPBCT3006- ANATOMY OF ANGIOSPERM AND EMBRYOLOGY

Total Duration : 3 Hrs.

Total Marks : 60

**Section A**

Answer any **SIX** questions ( $6 \times 5 = 30$  Marks)

1. How to differentiate Dicot stem, and Monocot stem.
2. Give a brief notes on Isobilateral and Dorsiventral leaf.
3. Explain about Microsporogenesis.
4. Give details about Polygonum type ovule.
5. Give a notes on development of monocot embryo.
6. What about microspore tetrads - explain.
7. Write a short notes on Anomalous secondary growth in Nyctanthes.
8. Write any three types of Stomata in dicot plants.

**Section B**

Answer any **THREE** questions ( $3 \times 10 = 30$  Marks)

9. Give an elaborate notes on Secondary growth in dicot stem.
10. Write in detail Boerhaavia and Dracaena stem Secondary growth.
11. Give a detail account of Microspore mother cell and its different types.
12. Development of ovule – explain and its types.
13. Comparative study of Endosperm-types, and functions.

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