



MAR IVANIOS COLLEGE (AUTONOMOUS)
THIRUVANANTHAPURAM

Reg. No.:.....

Name:.....

First Semester B.Sc. Degree Examination, November 2014

First Degree Programme under CBCSS

Core Course: Botany – I

AUBO141: Angiosperm Anatomy, Reproductive Botany and Palynology

Time: 3 Hours

Max. Marks: 80

SECTION – A

Write short notes on ALL the following.

1. Calyptrogen
2. Endothecium
3. Lenticels
4. Cystolith
5. Colporate pollen grains
6. Tyloses
7. Filiform apparatus
8. Casparian thickening
9. Dendrochronology
10. What are laticiferous tissues ? Give an example.

(10 x 1 = 10 Marks)

SECTION – B

Answer any EIGHT questions, not exceeding one paragraph.

11. Differentiate sap wood and heart wood.
12. Differentiate simple pit and bordered pit.
13. Explain the organization of stem apex based on Tunica – Corpus theory.
14. Differentiate anomocytic stomata from anisocytic stomata.

P.T.O.

