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SB—48—2022

FACULTY OF SCIENCE & TECHNOLOGY

B.Sc. (Second Year) (Third Semester) EXAMINATION

MAY/JUNE, 2022

(New Course)

BOTANY

Paper-VI

(Plant Anatomy)

(Saturday, 11-06-2022)

Time : 2.00 p.m. to 4.30 p.m.

Time— 2½ Hours

Maximum Marks—40

N.B. :— (i) Attempt all questions.

(ii) Draw well labelled figures wherever necessary.

1. Write in detail an account of xylem. 15

Or

Write short notes on :

(a) Tunica corpus theory. 8

(b) Laticiferous theory. 7

2. Write an account of anatomy of Dicotyledonous stem (Sunflower). 15

Or

Write short notes on :

(a) T.S. of Dracena stem 8

(b) Economic importance of wood and wood elements. 7

3. Write short notes on (any two) : 10

(a) Apical meristem

(b) Parenchyma

(c) Annual rings

(d) Heart Wood and Sap Wood.

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