2026

M.Sc. 2nd Semester Examination

BOTANY

Paper : BOTC460X9

[Ecology]

(Practical)

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Full Marks : 25 Time : Three Hours

The figures in the margin indicate full marks.

Answer the following questions :

1. Perform quadrat analysis of the mentioned site/chart. Determine the frequency, abundance and density of five major plants. 10

Or,

Determine Shannon index, Dominance and Simpson index of the three major plants in the provided site/chart using PAST software. 10

2. Work out the anatomical features of the supplied specimen A. Draw and comment on the adaptive features. (Workout : 2, Drawing : 3, Comments : 2) 7

P.T.O.

Or,

Determine stomatal index of three supplied leaf samples. Comment on the adaptive features on them. (Determination of stomatal index : 5, Comment : 2) 7

3. Laboratory Notebook 3

4. Viva-voce 5

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