

M.Sc. 2nd Semester Examination, 2025

BOTANY

(Ecology and Environmental Biology)

(Practical)

PAPER – BOT-209

Full Marks : 25

Time : 3 hours

Answer all questions

The figures in the right hand margin indicate marks

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

(2)

Or

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

2. Workout the anatomical features of the supplied specimen. Draw, illustrate and comment on the adaptive features. 7

Or

Determine stomatal index of three supplied leaf samples. Comment on their adaptive features.

3. Laboratory Note Book. 3
4. Viva-voce. 5