

M.Sc. 2nd Semester Examination, 2023

BOTANY

*(Ecology, Environmental Biology and
Phytogeography)*

[Practical]

PAPER — BOT-296.1

Full Marks : 25

Time : 3 hours

The figures in the right hand margin indicate marks

*Candidates are required to give their answers in their
own words as far as practicable*

Answer tick (✓) marked questions
from the following :

1. (a) Perform quadrat analysis for the given site.
Determine the minimum size of the quadrat
and frequency *distribution of the species.* 9

(b) Workout the anatomical features of the supplied specimen 'A'. Draw and comment on the adaptive features.

Drawing 7 + Comments 2 9

2. (a) Perform Raunkiaer's life-form analysis of the given site. Comment on the plant community spectrum. 9

(b) Workout the anatomical features of the supplied specimen 'B'. Draw and comment on the adaptive features of it.

Drawing 7 + Comments 2 9

3. Laboratory Note Book. 3

4. Viva-voce. 4

M.Sc. 2nd Semester Examination, 2023

BOTANY

(Field Survey and Social Outreach)

[Practical]

PAPER – BOT-296.2

Full Marks : 25

Time : 3 hours

Answer all questions

The figures in the right hand margin indicate marks

Candidates are required to give their answers in their own words as far as practicable

1. Submission of the 'Field Survey' report. 10
 2. Submission of the report on outreach program. 10
 3. Viva-voce. 5
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