

M.Sc. 4th Semester Examination, 2024

BOTANY

(Forest Mensuration and Surveying)

(Practical)

PAPER—BOT-494.1

Full Marks : 25

Time : 3 hours

Answer all questions

The figures in the right hand margin indicate marks

1. Determine girth of the mentioned plants (G1 to G6). Prepare a bar diagram. 6
2. Determine height of the mentioned standing trees (H1 to H4) using Abney's level. 6

Or

Determine the volume of the log (V1 and V2) using Newton's formula.

3. Prepare a map of the mentioned site (A-E) through plane table survey. 8
 4. Laboratory Note Book. 2
 5. Viva-voce. 3
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M.Sc. 4th Semester Examination, 2024

BOTANY

(Practical)

PAPER—BOT-494.2

Full Marks : 25

Time : 3 hours

Answer all questions

The figures in the right hand margin indicate marks

1. Draw and describe the anatomical features of sample A. Comment on it.
(Slide preparation—2; Drawing—2; Description—2; Comment—2) 8
2. Identify the supplied sample B by performing microscopic study. Draw, label and describe the microscopic characters.
(Slide preparation—2; Drawing—2; Description—2; Identification—2) 8

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| 3. Laboratory Note Books. | 4 |
| 4. Viva-voce. | 5 |
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