

D.R.

FYUGP/4th Sem/Pr/26(NEP)New

2026

Four Year Under Graduate Programme (FYUGP)

4th Semester Examination (Under NEP)
(New Session 2024-25)

BOTANY (Major)

Paper Code : BOTMJ DC-401

(Gymnosperms and Paleobotany)

(Practical)

Full Marks : 20

Time : Three Hours

The figures in the margin indicate full marks.

1. Work out the supplied specimen 'A'. Prepare a thin and proper transverse section of the specimen and stain it using temporary aqueous safranin. Mount the section in a temporary slide using suitable mounting medium. Draw a neat and labelled diagram of the section as observed under the microscope. Make comments on the anatomical features of the specimen. 8

[Slide : 02, Drawing and Labelling : 03, Comment : 03]

P.T.O.

(2)

2. Identify the specimens labelled 'B', 'C', 'D', and 'E'. Give reasons for your identification. 8

[Identification : 01 and Reasons : 01 = 2 marks each]

3. Submission of laboratory records [Lab notebook, field record, excursion copy etc.] 1+1

4. Viva-voce 2
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