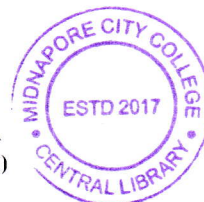


PG (CBCS)
M.Sc. Semester-IV Examination, 2026
BOTANY
PAPER: BOT 408A
(ANGIOSPERM TAXONOMY & MOLECULAR
SYSTEMATICS: MOLECULAR SYSTEMATICS)



Full Marks: 25

Time: 3 Hours

The figures in the right-hand margin indicate full marks. Candidates are required to give their answers in their own words as far as practicable.

• Answer all of the following questions:

1. Determine the R_f values of the supplied phytochemicals (A, B & C) through Thin Layer Chromatography (TLC). Write down the requirements of Thin layer chromatography (TLC). 7+2
2. Prepare a dendrogram of given data set (M & N) by using Mega XI software. 8
3. Submission of Laboratory note book. 3
4. Viva-voce 5

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