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PG CBCS
M.Sc. Semester-II Examination, 2022
BOTANY
PAPER: BOT 295
(PRACTICAL)

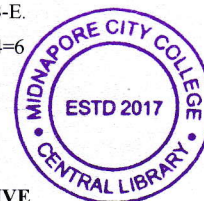
Full Marks: 50

Time: 4 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.

BOT 295.1: ANGIOSPERM TAXONOMY AND BIOSYSTEMATICS

1. Draw, label and describe the supplied specimen (A/A') and identify the plant up to species with the help of a local flora. (Will be supplied for the identification of genus and species)
 [Drawing: 4; Description: 4; Identification: 2] 10
2. Write down the botanical names and their respected families of supplied specimens B-E. 1.5×4=6
3. Submission- Lab. notebooks/Field note books, Herbarium 4
4. Viva-voce 5



BOT 295.2: PALAEOBOTANY, PALYNOLOGY & PLANT REPRODUCTIVE

BIOLOGY

1. Name the requisites of acetolysis technique (Erdtman, 1960) 3
2. Make a temporary slide of supplied specimen (A&B) and characterize the pollen morphology. 4+4
3. Identify the supplied specimens (C and B) with reasons and comments on the geological period. 5
4. Laboratory note book and submission of field report. 4
5. Viva-voce 5
