



'সমানো মন্ত্র: সমিতি: সমানী'

UNIVERSITY OF NORTH BENGAL
B.Sc. Honours 2nd Semester Examination, 2022

CC4-BOTANY (PRACTICAL)

ARCHEGONIATE

Time Allotted: 2 Hours

Full Marks: 20

The figures in the margin indicate full marks.

1. Work out the Specimen-A (any one to be selected from gemma cup of *Marchantia*, capsule of *Funaria* and strobilus of *Equisetum*) and prepare a semi-permanent slide with reproductive structure. 8
[Distribution of marks: Preparation of slide = 2, Drawing and labelling = 3, Description = 2, Identification of Genus = 1]

2. Identify the Specimen-B and C (any two to be selected from permanent slides of *Cycas* leaflet, *Pinus* needle, ovule of *Gnetum*, sporophyte of *Anthoceros*, and megasporophyll and microsporophyll of *Cycas* and *Pinus*). 3×2 = 6
[Distribution of marks: Reasons = 2, Identification = 1]

3. Submission of laboratory note book 2

4. Submission of slides / Field note book 2

5. Viva-voce 2

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