



'সমানো মন্ত্র: সমিতি: সমানী'

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

CC3-BOTANY (PRACTICAL)

MYCOLOGY AND PHYTOPATHOLOGY

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 Asexual stage of *Rhizopus*, Ascocarp of *Peziza*, Teleutosorus of *Puccinia* and fruit body of *Agaricus*) 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 sexual stage of *Rhizopus*, permanent slides of reproductive structures of lichen, photographs of ecto- and endo-mycorrhiza, and herbarium specimens of late blight of potato / black stem rust of wheat). 3×2 = 6
[Distribution of marks: Reasons = 2, Identification = 1]
3. Submission of laboratory note book 3
4. Viva-voce 3

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