



'समानो मन्त्रः समितिः समानी'

UNIVERSITY OF NORTH BENGAL

B.Sc. Honours 4th Semester Examination, 2022

CC9-BOTANY (PRACTICAL)

PLANT ECOLOGY AND PHYTOGEOGRAPHY

Time Allotted: 2 Hours

Full Marks: 20

The figures in the margin indicate full marks.

1. Describe the working principle of Soil thermometer or hygrometer to measure microclimate variables. 5

2. Comment on the ecological adaptations of the given Specimen A. $2\frac{1}{2} \times 2 = 5$
[One each to be selected from hydrophyte and xerophyte].

3. Determine the dissolved oxygen content of the given water sample by iodometric titration method. 6
[Distribution of marks: Principle = 2, Results and calculations = 3, Conclusion = 1]

OR

Describe the principle, equipment and procedure to determine the minimum size of quadrat. 1+2+3=6

4. Submission of laboratory note book 2

5. Viva-voce 2

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