



‘समानो मन्त्रः समितिः समानी’

UNIVERSITY OF NORTH BENGAL

B.Sc. Honours 5th Semester Examination, 2022

DSE-P1-MICROBIOLOGY (1.1 & 2.1) (INSTRUCTION)

Time Allotted: 4 Hours

Full Marks: 20

INSTRUCTIONS TO THE EXAMINERS

**The question paper contains two papers DSE-1.1 and DSE-2.1.
The candidates are required to answer any *one* from the *two* papers.
Candidates should mention it clearly on the Answer Book.**

DSE-1.1

1. Provide the following:
Centrifuge tube
Bacterial cell suspension
Centrifuge

2. Provide the following:
Plant extract
Mobile phase
Chromatography chamber
Filter paper

DSE-2.1

1. Provide the following:
 - (a) DNA sample
 - (b) HCl
 - (c) Schiff Reagent
 - (d) Xylene
 - (e) Absolute alcohol
 - (f) 95% Ethanol
 - (g) 0.2% light green SF Stain

2. Provide the permanent fixed slide of mitosis.

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