



'সমানো মন্ত্র: সমিতি: সমানী'

UNIVERSITY OF NORTH BENGAL

B.Sc. Programme 6th Semester Examination, 2022

DSE1/2/3-P2-MICROBIOLOGY (DSE-3.1 & 4.1) (INSTRUCTION)

Time Allotted: 4 Hours

Full Marks: 20

INSTRUCTION TO THE EXAMINERS

**The question paper contains Paper-3.1 and Paper-4.1.
Candidates are required to answer any *one* from the *two* Papers
and they should mention it clearly on the Answer Book.**

PAPER-3.1

1. Provide the medium and petri plate for the experiment.
2. Provide 100mM CaCl₂ and *E. coli* strain.

PAPER-4.1

1. Supply the following:
 - (a) Sample A → *E. coli* / *B. subtilis*.
Distribute half of the students with *E. coli* and half with *B. subtilis*.
 - (b) Reagents for MR and Catalase test.
2. Provide the photographs of studied any one virus (Sample B).

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