



'समानो मन्त्रः समितिः समानी'

UNIVERSITY OF NORTH BENGAL

B.Sc. Programme 4th Semester Examination, 2022

DSC1/2/3-P4-MICROBIOLOGY (INSTRUCTION)

MICROBIAL PHYSIOLOGY AND METABOLISM

Time Allotted: 4 Hours

Full Marks: 20

INSTRUCTION TO EXAMINERS (Not for Students)

1. Provide overnight culture of *E. coli*, nutrient broths and other requirements pH 4, 5, 6, 7, 8 and 9 should be provided to each student. Nutrient broths should be prepared in above mentioned pH buffered media.
2. Provide OD values of culture at specific time intervals. (*E. coli*)
Provide graph paper and other requirements to the students.

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