



'समानो मन्त्रः समितिः समानी'

UNIVERSITY OF NORTH BENGAL

B.Sc. Honours 3rd Semester Examination, 2022

CC5-MICROBIOLOGY (INSTRUCTION)

Time Allotted: 4 Hours

Full Marks: 20

INSTRUCTION TO THE EXAMINERS

1. Provide OD vs. time readings (approx. 20 readings) covering lag, log, stationary and decline phase of growth curve. Provide graph paper, atleast one per student.
2. (a) Provide 3 nutrient broth tubes – 10ml each (pH of 5, 7 and 9) to each student.
(b) Overnight *E.coli* culture for inoculation (0.1 ml per tube per student) is to be provided.
(c) Provide instruments, distilled water and other general laboratory facilities for performing the experiment aseptically.
(d) Provide initial OD of media immediately after inoculation for all three tubes (pH of 5,7 and 9).

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