



'সমানো মন্ত্র: সমিতি: সমানী'

UNIVERSITY OF NORTH BENGAL

B.Sc. Honours 6th Semester Examination, 2022

CC13-MICROBIOLOGY (CC-13.1) (INSTRUCTION)

Time Allotted: 4 Hours

Full Marks: 20

INSTRUCTION TO THE EXAMINERS

1. Supply the following for Disc diffusion method:
 - (a) Ampicillin disc (0, 10, 25, 50, 100, 250, 500, 1000 µg/ml)
 - (b) Sample A → Gram +ve / Gram -ve bacterial broth culture in NB overnight grown. Distribute half of the students with gram +ve and other half with gram -ve culture. (Spread plate)
 - (c) Nutrient Agar plate (2) / Mueller Hinton Agar plate (2) for each student.
 - (d) Spreader of other requirements.

2. Supply the following:
 - (a) Sample B → *E. coli* / *B. subtilis* overnight grown.
 - (b) Reagents for Catalase and Citrate utilization Test.

Distribute half of the students with *E. coli* and half with *B. subtilis*.

—x—