



'समानो मन्त्रः समितिः समानी'

**UNIVERSITY OF NORTH BENGAL**

B.Sc. Honours 3rd Semester Examination, 2022

**CC5-MICROBIOLOGY (PRACTICAL)**

Time Allotted: 4 Hours

Full Marks: 20

*The figures in the margin indicate full marks.*

- |    |   |    |
|----|---|----|
| 1. | Using the data provided, plot the growth curve and calculate the generation time and specific growth rate.        | 5  |
| 2. | Perform an experiment to study the effect of pH on the growth of <i>E.coli</i> . Comment on the results observed. | 10 |
| 3. | Lab-Record  | 2  |
| 4. | Viva-voce   | 3  |

—x—