



'সমানো মন্ত্র: সমিতি: সমানী'

UNIVERSITY OF NORTH BENGAL

B.Sc. Honours 4th Semester Examination, 2022

CC8-MICROBIOLOGY (CC-8.1) (PRACTICAL)

MICROBIAL GENETICS

Time Allotted: 4 Hours

Full Marks: 20

The figures in the margin indicate full marks.

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| 1. | Perform the isolation of plasmid DNA from <i>E. coli</i> . | 10 |
| 2. | Interpret and comment on the in-gel photograph provided of 3 different conformations of plasmids (i.e. nicked, linear and circular single-stranded) by labelling them. | 4 |
| 3. | Lab records | 2 |
| 4. | Viva-voce | 4 |

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