



UNIVERSITY OF NORTH BENGAL
B.Sc. Honours 4th Semester Examination, 2021

CC8-MICROBIOLOGY

Full Marks: 40

ASSIGNMENT

The figures in the margin indicate full marks.

Answer any four of the following

10×4 = 40

1. Describe the replicative and non-replicative transposition. 10
2. Give a detail account of genetic constitution of F plasmid and its conjugation. 10
3. Write a note on chemical mutagens. 10
4. Describe specialized transduction and how it is different from generalized transduction. 10
5. Write short notes on Plasmid Incompatibility and Insertion Sequence. 10
6. Write short notes on Davis “U” tube and Griffith experiments which were performed in support of conjugation and transformation respectively. 10

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