

U.G. 3rd Semester Examination - 2021

MICROBIOLOGY

[HONOURS]

Course Code : MB-H-CC-P-07

(Molecular Biology)

[PRACTICAL]

Full Marks : 20

Time : 2 Hours

The figures in the right-hand margin indicate marks.

1. Answer any **two** from the following questions:

10×2=20

- i) Design an experiment to isolate plasmid DNA from bacterial cell.
- ii) Write the principle and procedure of estimation of DNA concentration in a given sample by diphenylamine reagent.
- iii) Write the principle and procedure of separation of DNA using agarose gel electrophoresis.
- iv) Write the principle of separation of protein through SDS-PAGE.
