

2015

M.Sc.

2nd Semester Examination

BIOTECHNOLOGY

PAPER—BIT-206

(PRACTICAL)

Full Marks : 40

Time : 6 Hours

The figures in the right-hand margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Answer all questions.

1. Isolate the plasmid DNA from the supplied bacterial culture sample and demonstrate an agarose gel. 15
2. Transfer the supplied sample on a membrane after performing SDS-PAGE. Calculate the molecular weight of the visible band after staining the membrane with proper dye. (Molecular markers will be supplied). 15
3. Laboratory Note Book. 5
4. Viva-Voce. 5