

NEW
Part-III 3-Tier
2019
BIOTECHNOLOGY
(Honours)
PAPER—VII
(PRACTICAL)

Full Marks : 100

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. (a) Isolate plasmid DNA from the supplied bacterial sample.
- (b) Demonstrate the plasmid DNA by Agarose gel electrophoresis. 30

*[Experiment : 10+10,
Result : 3+3 and Comment : 2+2]*

... ethanol content and quantify yeast from supplied sample. 30

[Procedure : 6+6, Spot assessment : 4+4,

Result : 3+3, Comment : 2+2]

3. Submission and presentation of group project. 20

[Content of work : 10, Presentation : 10,

Group Discussion : 10]

4. Laboratory Note Book 10

5. Viva-Voce. 10
