

NEW
Part-III 3-Tier
2017
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 and precipitate DNA from the sample provided.
(b) Characterize the sample by 1% Agarose gel electrophoresis. 30

[Experiment : 10+10,

Result : 3+3 & comment : 2+2]

(Turn Over)

2. Determine the ethanol content in the sample provided and analyze ethanol by the method you learned. 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
-