

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. Isolate plasmid from the supplied bacterial sample and examine by gel electrophoresis. 30**

[Procedure : 7+7, Spot assesment : 3+3,

Result : 08 & comment : 02]

- 2. Quantity the number of yeast present in the supplied inoculum and determine alcohol content in the supplied fermented sample. 30**

(Turn Over)

[Procedure (flow chart) : 4+4, Spot assessment : 6+4,

Result : 4+4, Comment : 2+2]

3. Submission and presentation of group project. 20
*[Content of work : 05, Composition of
submitted document : 5, Group Discussion ; 10]*
5. Laboratory Note Book 10
6. Viva-voce. 10
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