

2019

B.Sc.

4th Semester Examination

BIOTECHNOLOGY

(Honours)

Paper - SEC-2P

[Practical]

Full Marks : 15

Time : 3 Hours

*The figures in the margin indicate full marks.
Candidates are required to give their answers
in their own words as far as practicable.*

Answer all questions.

(Molecular Diagnosis)

1. Perform the antibiotic sensitivity, test of the supplied bacterial culture against the three supplied antibiotics.

(Procedure - 01, Spot assessment - 02, Result -
03, Comment - 01) 7

[Turn Over]

2. Perform the Widal test and comment on your result.
(Result - 02, Comment - 01) 3
 3. Laboratory Note Book. 2
 4. Viva-voce. 3
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(Basic of Forensic Science)

1. Amplify the target DNA molecule by polymerase chain reaction.
(Principle - 03, Procedure - 03, Spot assessment - 03, Comment - 02) 10
 2. Laboratory Note Book. 2
 3. Viva-voce. 3
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