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UG/5th Sem/BIOT(H)/Pr/19

2019

B.Sc. (Honours)

5th Semester Examination

BIOTECHNOLOGY

Paper - C 12-P

Recombinant DNA Technology

(Practical)

Full Marks : 20

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.

1. (a) Quantify the DNA from the given sample after preparing standard curve. 15

Principle : 2 ; Procedure : 2 ;

Experiment and Observations : 2+2 ;

Standard curve : 5 ; Result : 2

Or,

[ Turn Over ]

( 2 )

- (b) Perform restriction digestion of the supplied DNA with Eco RI / Hind III and separate the digests in gel. 15

Principle : 2 ; Protocol : 2 ;

Performance and observation : 2+2

Predict the length of the digests by comparing with marker DNA : 7

2. Laboratory Note Book. 2
3. Viva-voce. 3
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