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Total No. of Questions : 6]

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W-446/W-447
B.Sc. (Third Year) Examination, March/April-2020
BIO-TECHNOLOGY
Paper - I & II
Molecular Biology and Genetic Engineering /
Applied Biotechnology

Time : Three Hours

Maximum Marks : 40+40=80 (For Regular Students)

Minimum Pass Marks : 33%

Maximum Marks : 50+50=100 (For Private Students)

Minimum Pass Marks : 33%

Note : Attempt **all** questions.

Section-A

- Q.1. Explain in detail Chemical Structure of DNA. 13/16
- Q.2. Explain in detail chromosomal organization. 13/17
- Q.3. Explain in detail Mendel's law. 14/17

Section-B

- Q.4. What is food preservation? Give the various methods for food preservation. 13/16
- Q.5. What is Protoplast Fusion? Explain its various methods with diagram. Give the applications of Somatic Hybridization. 13/17
- Q.6. Explain clearly the various Bioreactors used for large scale culture of animal cells. 14/17

