

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

