

W-442(A)/W-443(A)**B.Sc. (Third Year) Examination, (Second Chance) March/April-2020****BIO-CHEMISTRY****Paper - I & II****Molecular Biology / Nutrition Clinical & Environmental Biochemistry***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. Define the following in context of DNA. 13/16
i) T_m
ii) Base equivalence
- Q.2. Write notes on conservative, semiconservative and dispersive mode of DNA replications? 13/17
- Q.3. What are the exon sequences? Add a note on its post transcriptional processing. 14/17

Section-B

- Q.4. Describe composition of balanced diet and Recommended Dietary Allowances (RDA) for average Indian. 13/16
- Q.5. Describe factors that affect energy requirements? How do you calculate total energy requirement? 13/17
- Q.6. Write about importance of biochemical analysis of Blood, Urine and CSF. Also write normal values for important constituents in Blood, Urine and CSF. 14/17

