

**2020**  
**B.Sc**  
**4<sup>th</sup> SEMESTER EXAMINATION**  
**CHEMISTRY (GENERAL)**  
**Analytical Clinical Biochemistry**  
**PAPER – SEC2T + SEC2P**

**FULL MARKS: 20**

**TIME: 2HRS**

ANSWER ANY ONE QUESTION FROM EACH PART

**PART-A: SEC2T (THEORY)**

**MARKS 15**

1. Write down the importance of cellular currency of energy (ATP).
2. Comment on the structures of proteins. What is denaturation of proteins?
3. Write short note on Coenzymes and Cofactors.
4. What are liposomes? Give an account of its biological functions.
5. What is blood coagulation? Comment on the composition and function of blood.

**PART-B: SEC2P (PRACTICAL)**

**MARKS 05**

1. Write down the principle of quantitative estimation of any carbohydrate.
2. Write down the principle of determination of saponification number of oil.
3. Write down the principle of isolation of any protein.

Please send the PDF of the answer script to [2020generaljm@gmail.com](mailto:2020generaljm@gmail.com)