

B.Pharm 3<sup>rd</sup> year, 1<sup>st</sup> Semester, 2019

Applied Biochemistry-II

Time : Three hours

Full Marks : 100

Answer any five questions

1. Write short notes on 4×5=20
  - a) Melting temperature of DNA
  - b) Transcription of DNA
  - c) Enzyme nomenclature
  - d) Enzyme cofactors
2. Schematically describe about a) multienzyme complex and b) protein-protein interaction. 10+10
3. Represent the key features of enzyme active sites. 20
4. Represent Hershey-Chase experiment and Chargaff's rule. 10+10
5. Represent Watson-Crick model of DNA structure. 20
6. Represent about different classes of RNA and translation of RNA. 10+10