

B.Pharm. Second Semester Examination 2022.

Subject: Biochemistry (BP203T)

Full Marks: 75

Time-3hrs

Answer any five questions taking at least two from each group

Group A

Q.1. Write notes on: (Any Three) 3X5

- a) Function of lipids
- b) Classify lipids according to their backbone structure
- c) Sphingolipids
- d) Degradation of phospholipids

Q.2. Write an account on the function of lipids 15

Q.3. Represent fluid mosaic model of membrane structure 15

Group B

Q. 4. Write in details about Citric acid cycle, energetic and significance. 15

Q. 5. Explain about glycolysis pathway **or** HMP Shunt including energetic and significance. 15

Q. 6. Classify Biomolecules. Mention their biological role. 15

OR. Write a note on Bioenergetics.