Roll No. | 1 | 2 | 4 | 0 | 7 | 8 | 1 | 0 | 2 | 9 |

Even Semester Sessional Examination

B.Pharm 1st Year (Second Semester) (2024-25)

First Sessional Examination

Pharmaceutical Biochemistry (Paper code BP 203T)

Max. Time- 1hr **Max. Marks – 30**

Q.1.) Attempt *ALL* questions. **(2X5 = 10 Marks)**

a) Define metabolism.

b) Draw the Michaelis Menten plot.

c) Define an enzyme.

d) Name the mechanisms for action of enzymes.

e) Define Carbohydrates.

Q.2.) Attempt any ***TWO*** **(5X2 = 10 Marks)**

a) Discuss about different applications of enzymes.

b) Discuss about classification and characteristic features of carbohydrate molecules.

c) Describe the factors affecting enzyme activity.

Q. 3.) Attemt any ***ONE*** **(10X1 = 10 Marks)**

a) Describe various types of enzyme inhibition.

b) Derive Michaelis Menten equation.