

School of Biological and Life sciences

Department of Biological and Life Sciences

Mid Term Examination

Exam Date: 01 Oct 2023

Time : 90 Minutes

Marks : 50

Sem V - C2UA502T - Medical Biochemistry

Your answer should be specific to the question asked

Draw neat labeled diagrams wherever necessary

- 1) What are the common disorders of carbohydrate metabolism? K2 (2)
- 2) What are Prostaglandins? Comment on their clinical significance. K1 (3)
- 3) How are vitamins classified, and what are the main categories of vitamins? K2 (4)
- 4) Discuss the importance of lipids and lipoproteins in the body. K2 (6)
- 5) Write a short note on role of magnesium and associated disorders. K3 (6)
- 6) Explain the concept of enzyme kinetics and how it is relevant in diagnostic testing. K3 (9)
- 7) Describe the disorders of male reproductive system. K4 (8)
- 8) Describe the importance of apolipoproteins in lipid metabolism and how genetic defects in apolipoproteins can lead to lipid disorders. K4 (12)

OR

Describe Sickle cell anemia in detail. K4 (12)