

Roll No.

Total No. of Pages : 01

Total No. of Questions : 08

M.Sc.(Pharmaceutical Chemistry) (Sem.-2)

BIOCHEMISTRY

Subject Code : MSPC-102

M.Code : 20505

Date of Examination : 08-07-22

Time : 3 Hrs.

Max. Marks : 80

INSTRUCTION TO CANDIDATES :

1. Attempt any FIVE questions out of EIGHT questions.
2. Each question carries SIXTEEN marks.

1. Define and classify amino acids. Discuss in detail the structure and functions of RNA.
2. What are Enzymes? Give their classification with examples.
3. Write a note on glycolysis. How many ATPs are formed?
4. What are carbohydrates? Discuss their classification by giving suitable examples.
5. Discuss the metabolism of fatty acids.
6. What are Vitamins? Discuss the role of Vitamins as coenzymes.
7. Discuss transamination and deamination reactions in amino acid metabolism.
8. Describe urea cycle.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.