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M.Sc. MLS (Biochemistry) (Sem.-1)
INTERMEDIARY METABOLISM-I

Subject Code : MMLT-104-18

M.Code : 75412

Date of Examination : 17-01-2023

Time : 3 Hrs.

Max. Marks : 70

INSTRUCTIONS TO CANDIDATES :

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

1. Describe kreb's cycle with neat and clean diagram.
2. Describe gluconeogenesis pathway with neat and clean diagrams.
3. Describe in detail electron transport reaction in mitochondria.
4. Describe the mechanism and structure of F1FO ATPase.
5. In which metabolic pathway citric acid is involves, explain at least two pathways.
6. Explain biosynthesis and degradation of fatty acids.
7. What are the clinical significance of lipid metabolism?
8. What is the physiological role of cholesterol in human body?

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.