



RAN - 2003000205020073

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T. Y. B. Sc. (Sem. - V) Examination March - 2023

Medical Laboratory Technology : MLT - 13

Clinical Biochemistry and Enzymology

Time: 2 Hours]

[Total Marks: 50

સૂચના : / Instructions

(1)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of signs on your answer book

Name of the Examination:

T. Y. B. Sc. (Sem. - V)

Name of the Subject :

Medical Laboratory Technology : MLT - 13 Clinical Biochemistry and Enzymology

Subject Code No.: **2003000205020073**

Seat No.:

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Student's Signature

- (2) All questions are compulsory.
(3) Draw diagrams wherever necessary.

Q. 1 Answer the following in very short: (08)

- Define Glycosuria and enlist its types.
- What is lipoprotein? Give its examples.
- What is A:G; Ratio? Write its normal Range.
- Enlist all the enzymes estimated in Liver Disease.

Q. 2 Answer any two of the following: (14)

- What is GTT? Enlist its types. Write Indication, Prerequisite and Procedure of Oral Standard GTT.
- Which factors influencing serum cholesterol level? Enlist and explain them.
- What are plasma proteins? Enlist and explain its function

Q. 3 Write an essay on any one of the following: (14)

- HDL Metabolism.
- Regulation of blood glucose.

Q. 4 Write short notes on:

(14)

- a) Enzymes as a Diagnostic Reagent.
 - b) Hypergammaglobulinemia.
 - c) Atherosclerosis.
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