



RAN-1082

B. Sc. (Medical Technology) (Semester-V) Examination

March / April - 2019

MT 13: Clinical Biochemistry and Enzymology

Time: 2 Hours]

[Total Marks: 50

સૂચના : / Instructions

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

Name of the Examination:

B. Sc. (Medical Technology) (Semester-V)

Name of the Subject :

Clinical Biochemistry and Enzymology

Subject Code No.: 1 0 8 2

Seat No.:

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Student's Signature

Q-1) Answer the following

(08)

- 1) Draw normal electrophoretic pattern of plasma protein.
- 2) What is Extended GTT? Give its use.
- 3) Explain the terminologies: Glycolysis, Glycogenesis, Gluconeogenesis, Glycogenolysis.
- 4) Which cholesterol is known as good cholesterol? Why?

Q-2) Attempt any TWO of the following

(14)

- 1) Plasma proteins performs variety of functions, justify.
- 2) What is Diabetes Mellitus? Explain its clinical types and causes in brief.
- 3) What are apoproteins? Enlist them and give their function.

Q-3) Write an essay on any ONE of the following.

(14)

- 1) "Enzyme and Heart Disease".
- 2) "Metabolism of Endogenous and Exogenous Cholesterol".

Q-4) Write short notes on any TWO

(14)

- 1) Separation of plasma proteins
 - 2) IDDM vs NIDDM
 - 3) Lipoprotein: structure and classification
 - 4) LDH
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