



RAN-2103000206020074

T.Y.B.Sc. (Sem. VI) Examination September - 2025

Medical Laboratory Technology - XX

MLT - 20 : Pathophysiology

Time: 2 Hours]

[Total Marks: 50

સૂચના : / Instructions

(૧)

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. VI)

Name of the Subject :

Medical Laboratory - XX Technology MLT - 20 : Pathophysiology

Subject Code No.: 2103000206020074

Seat No.:

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Student's Signature

Q-1. Answer in short (08)

- 1) Define urea clearance and write its normal range.
- 2) Write interpretation of VD Bergh reaction.
- 3) What is normal pH of blood? Enlist RBC buffer.
- 4) Write behaviour pattern of CK-MB in Myocardial infarction?

Q-2. Comment on the following (Any Two) (14)

- 1) Enlist and explain functions of kidney.
- 2) Explain Detoxication function of liver
- 3) Write tests to measure metabolic effect of thyroid hormone.

Q-3. Write an essay on any one of the following (12)

- 1) Write an essay on cardiac markers
- 2) What is Alkalosis? Write its types and explain in detail.

Q-4. Write short note on any Two of the following (16)

- 1) Concentration test
- 2) Test to measure coagulation function of liver
- 3) Haemoglobin as blood buffer