

RAN-2403000501017003
F.Y.B.Sc. (Sem.-I) Examination March - 2026
Fundamentals of Medical Laboratory Technology (MLT- MJ- 101)
Time: 1.30 Hours]
[Total Marks: 38

સૂચના : / Instructions (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી. Fill up strictly the above details on your answer book	Seat No.: Student's Signature
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Q. 1. Answer in one or two sentences: (Any 08)
08

1. Who is considered as patient?
2. Give composition of borosilicate glassware.
3. Which are the common blood tests used to check the functioning of kidney?
4. Explain the role of medical laboratory technologist.
5. Define pathology.
6. Who is known as leader of laboratory?
7. Which first aid medications are given on alkali burns?
8. Which infectious agent are included in BSL-1?
9. Identify the laboratory hazard.


Q.2. Answer the following in brief: (Any 2)
10

1. Explain different types of laboratories.
2. What are the functional components of clinical laboratory?
3. Explain details on types and use of pipettes and bottles used in clinical laboratory.

Q.3. Answer the following in brief: (Any 2)
10

1. Write a note on laboratory ethics.
2. Explain responsibility of a medical laboratory technologist.
3. Explain different factors that increase the productivity of a laboratory.

Q.4. Write short notes on the following: (Any 2)
10

1. First aid and its importance in laboratory
2. Code of safe laboratory practices
3. Fire hazard and safety