



RAN-2403000501017003

F.Y.B.Sc. (Sem. - I) Examination November - 2025
Medical Laboratory Technology (Paper - MLT-MJ-101)
Fundamentals of Medical Laboratory Technology

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.:

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Student's Signature

Q.1. Answer in one or two sentences: (Any 08)

[08]

1. Write example of any one disease.
2. Define phlebotomy.
3. Give full form of WHO.
4. Write factors reducing productivity of a laboratory.
5. Define haematology.
6. What is qualification of laboratory technologist?
7. Which first aid medications are given on acid burns?
8. Give full form of CDC.
9. Draw radioactive hazard symbol.

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

[10]

1. Write composition of borosilicate glassware. Explain details on types and use of pipettes and flasks used in clinical laboratory.
2. Explain a standardized laboratory set-up.
3. Which are the commonly requested laboratory tests in India?

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

[10]

1. Draw organizational structure of clinical laboratory and explain in brief.
2. What are Responsibilities of Medical laboratory technologist?
3. Explain medico-legal aspect and its role in maintaining good laboratory practices.

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

[10]

1. Biological hazards
2. Biosafety levels
3. Universal work precautions