

2003000205020076
EXAMINATION FEBRUARY-MARCH 2024
BACHELOR OF SCIENCE (FIFTH SEMESTER)
MEDICAL LABORATORY TECHNOLOGY-XVI (MLT-16-
LABORATORY MANAGEMENT) LEVEL-2

[Time: As Per Schedule]

[Max. Marks:50]

Instructions:

1. Fill up strictly the following details on your answer book

- a. Name of the Examination : **BACHELOR OF SCIENCE (FIFTH SEMESTER)**
 - b. Name of the Subject : **MEDICAL LABORATORY TECHNOLOGY-XVI (MLT-16-LABORATORY MANAGEMENT) LEVEL-2**
 - c. Subject Code No : **2003000205020076**
2. Sketch neat and labelled diagram wherever necessary.
 3. Figures to the right indicate full marks of the question.
 4. All questions are compulsory.

Seat No:

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Student's Signature

Q.1 Give specific answers:

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1. Enlist the points needed to consider in specific consideration of lab design.
2. Define fixed and variable costs.
3. What do you mean by shift and trend?
4. Give full form of NABL and APAC.

Q.2 Explain/ Comment on any two of the following:

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1. The laboratories shall have methods for communication to insure prompt, reliable reporting and appropriate record storage and retrieval."
2. Personnel management deals with personnel in the clinical lab setting.
3. Comment - "calibration & traceability of measurements shall be as per NABL 142".

Q.3 Discuss any two of the following:

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1. Prepare appropriate Cusum chart on graph paper using the following data of glucose by glucose oxidase method and interpret the result.
Mean glucose value = 100 mg/dl.

Sr.no	1	2	3	4	5	6
Serum Conc.	98	101	104	97	106	100

2. Explain in detail specific consideration in Lab design.
3. What are the qualification norms for different laboratory personnel?

Q.4 Write short notes on any two of the following:

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1. Use of computers in clinical laboratory.
2. Quality laboratory processes.
3. Purchasing
