

2203230201090001
EXAMINATION FEBRUARY-MARCH 2024
POSTGRADUATE DIPLOMA IN MEDICAL LABORATORY
TECHNOLOGY. (FIRST SEMESTER)
INSTRUMENTATION AND TECHNIQUES - LEVEL 9

[Time: As Per Schedule]

[Max. Marks: 30]

Instructions:

1. **1. Fill up strictly the following details on your answer book**
 - a. Name of the Examination: **POSTGRADUATE DIPLOMA IN MEDICAL LABORATORY TECHNOLOGY. (FIRST SEMESTER)**
 - b. Name of the Subject: **INSTRUMENTATION AND TECHNIQUES - LEVEL 9**
 - c. Subject Code No: **2203230201090001**
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 Answer in short [Any 6]

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1. What is use of pH meter?
2. Write applications of centrifuge
3. Write full form and function of APS
4. Define Electrophoretic mobility.
5. Explain mobile phase.
6. Write different types of chromatography.
7. What is use of PCR?
8. Enlist different types of Biochemistry analyser.

Q.2 Write Short note on any FOUR of the following

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1. Colorimeter.
2. Paper Chromatography
3. Light source of spectrophotometer
4. Factors affecting electrophoretic mobility
5. Dry chemistry analyser
6. Nucleic acid blotting technique
