


RAN-2203230201090001
PGDMLT (Sem. I) Examination November - 2025
1009 (A) - Instrumentation And Techniques
Time: 2 Hours]
[Total Marks: 30
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 short(Any SIX)
(06)

1. What is used as dispersing device in monochromator of Spectrophotometer.
2. What is use of Cytocentrifuge?
3. Enlist types of Chromatography based on Separation method.
4. Name any 2 two detecting agents use in Thin Layer Chromatography.
5. What is Photopolymerization?
6. What is use of PFGE?
7. What are advantages of NAAT?
8. What are advantages and disadvantages fully Automated analyser?

Q. 2. Write Short note on any FOUR of the following
(24)

1. Colorimeter Vs. Spectrophotometer.
2. Thin Layer Chromatography
3. Spectrophotometer: Principle and components
4. Agarose gel as a supporting medium
5. Haematology cell counter
6. Western blotting technique