



RAN - 2103000206020076

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B.Sc. (Medical Technology) (Sem. VI) Examination April - 2023

Recent Advance in Diagnostic Techniques

MLT-22 - Recent Advance in Diagnostic Techniques

[Total Marks: 50

सूचना : / Instructions

(१)

नीचे दशविवेक निशानीवाणी विगतो उत्तरवली पर अवश्य लपववी.
Fill up strictly the details of signs on your answer book

Name of the Examination:

B.Sc. (Medical Technology) (Sem. VI)

Name of the Subject :

Recent Advance in Diagnostic Techniques MLT-22 -
Recent Advance in Diagnostic Techniques

Subject Code No.: 2103000206020076

Seat No.:

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Student's Signature

(2) All Questions are Compulsory.

Q-1 Objective type Question (Any four)

(08)

- 1) Enlist different genotyping methods.
- 2) Give applications of microarray.
- 3) Enlist the components of flow cytometry.
- 4) Give advantages of autoanalyser.
- 5) Name the autoanalyser used in microbiology laboratory.

Q-2. Write in details on the following (Any two)

(14)

- 1) Explain types and applications of PCR.
- 2) Write a note on FISH.
- 3) What is ELISA? Gives its applications. Explain Indirect ELISA in brief.

Q-3. Write in details on the following (Any two)

(14)

- 1) Write a note on computer assisted imaging.
- 2) Enlist types of biochemistry autoanalyser. Explain any one in detail.
- 3) Write a note on karyotype analysis

RAN-2103000206020076]

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Q-4. Write in details on the following (Any two)

(14)

- 1) Write a note on Northern blotting technique
 - 2) Write a note on immunoblotting
 - 3) Write a note on Coulter counter
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