



RAN-1229

T. Y. B. Sc. Medical Technology (Sem VI) Examination

March / April - 2019

MT- 22: Laboratory Instrumentation and Techniques

Time: 2 Hours]

[Total Marks: 50

सूचना : / Instructions

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

Name of the Examination:

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

Name of the Subject :

MT- 22: Laboratory Instrumentation and Techniques

Subject Code No.: 1 2 2 9

Seat No.:

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Student's Signature

SET 3

Q 1) Answer the following (08)

1. Principle of scintillation counter
2. What is phage typing?
3. Can CT scan be used in detection of tumors? How?
4. Give 2 examples each of biochemical and hematological analyzers

Q 2) Answer any Two of the following (14)

1. Explain Northern blotting Technique?
2. What are typing methods? Explain bacterial typing in detail.
3. Explain different types of radiations emitted?

Q 3) Write an essay on any One of the following (14)

1. Flame photometer
2. PCR.

Q 4) Write Short notes on any Two of the following

(14)

1. O₂ electrode
 2. Ultracentrifuge
 3. Advantages and disadvantages of Automation.
 4. Application of radioisotopes
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