



RAN - 2003000205020074

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T. Y. B. Sc. (Sem. - V) Examination March - 2023

MLT - 14 : Haematology

Time: 2 Hours]

[Total Marks: 50

सूचना : / Instructions

(1)

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

Name of the Examination:

T. Y. B. Sc. (Sem. - V)

Name of the Subject :

MLT - 14 : Haematology

Subject Code No.: **2003000205020074**

Seat No.:

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Student's Signature

- (2) Illustrate your answers with neat and labeled diagrams wherever necessary.
(3) Figures to the right indicates full marks.

SET - 1

Q. 1

Answer in one or two sentences each:

08

1. What are dohle bodies and smudge cells?
2. Name the diluting fluids used for the dilution of RBC count and give its composition.
3. Give the normal range of ESR.
4. Give the full form of PT and APTT. Give their normal range.

Q. 2

Answer in brief any two of the following:

14

1. Explain the tests to screen sickle cell anaemia.
2. Explain determination of ESR.
3. Clot retraction v/s clot lysis.

Q. 3

Write an essay on any one of the following:

12

1. Stages of the development in Erythropoiesis.
2. Mechanism of Blood coagulation.

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

16

1. Red cell Indices.
 2. Determination of Bleeding time and Clotting Time.
 3. WBC count.
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