



RAN - 2503230202010002

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PGDMLT (Sem. - II) Examination March - 2025

PGDMLT - 2001 : Haematology

Time: 3 Hours]

[Total Marks: 70

સૂચના : / Instructions

(1)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of signs on your answer book

Name of the Examination:

PGDMLT (Sem. - II)

Name of the Subject :

PGDMLT - 2001 : Haematology

Subject Code No.: 2503230202010002

Seat No.:

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Student's Signature

- (2) Answer all the questions.
(3) Draw neat and labelled diagrams wherever necessary.

Q. 1. Answer in Short: (Any Seven)

14

1. What are the sites of poiesis?
2. What is the use of tourniquet?
3. Define Haemoglobin
4. What is the relation of specific gravity and Hb level in Copper sulphate method?
5. Give two reasons of high Haemoglobin concentration.
6. What are the causes of thalassemia?
7. Give the full form and normal range of ESR.
8. Which reagent is used in PT? What is the normal range of PT?

Q. 2. Attempt any TWO of the following:

14

1. Define Blood and give its composition
2. Write a detailed note on Erythropoiesis
3. Write the advantages and disadvantages of anticoagulants.

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[P.T.O.]

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- Q. 3. Attempt any TWO of the following: 14**
1. What are the different methods for Haemoglobin estimation? Discuss any one in detail.
 2. Give inheritance, Symptoms and treatment of sickle cell disease
 3. Write a note on screening for Thalassemia.
- Q. 4. Attempt any TWO of the following: 14**
1. Give a detailed account of morphology of abnormal red blood cells
 2. What are retic? How is it counted?
 3. Give the classification of anemia
- Q. 5. Attempt any TWO short notes of the following: 14**
1. Methods of Differential count
 2. Phases of Hemostasis and coagulation factors
 3. Bleeding Time and Clotting time
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