



D-4571

Seat No. _____

D. M. L. T. Examination

April - 2022

Hematology Immunohematology & Blood

Time : 3 Hours]

[Total Marks : 100

- Instructions :** (1) Figures to the right indicates full marks.
(2) Each section should be written in separate answer sheet.
(3) Write legibly and to the point.

Section-I

- 1** Write notes on any four : **32**
(a) Describe Thalassemia and its lab Investigations.
(b) Anemias of chronic disease.
(c) Importance of ESR.
(d) Chronic Lymphoid Leukemia.
(e) Idiopathic thrombocytopenic purpura.
- 2** Answer in brief : **10**
(a) D Dimer importance.
(b) Draw Neutrophil and give causes of neutrophilia.
(c) Name four anticoagulant vacuette with their uses.
(d) LE Cell.
(e) Name four autoimmune diseases.
- 3** Answer in brief : **8**
(a) Multiple Myeloma Investigations.
(b) Myelofibrosis.
(c) Platelet function disorders.
(d) Name four Lymphomas.

Section-II

- 4 Write short notes on any four : 32
- (a) Erythroblastosis fetalis.
 - (b) Rh blood group systems.
 - (c) Describe different methods of Blood Grouping.
 - (d) Single Donor Platelet use and preparation.
- 5 Write notes on any three : 18
- (a) Name different Blood Components and their storage requirements.
 - (b) Use of Du test.
 - (c) Indications for bone marrow biopsy.
 - (d) Give scientific names of four types of Malaria.
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