



PA-4571

Seat No. _____

D. M. L. T. Examination

March / April - 2020

Haematology Immunohaematology & 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) Classification of Aneamia. Causes and Investigations in Megaloblastic anaemia.
 - (b) Hodgkin's lymphoma.
 - (c) Leukemoid reactions.
 - (d) Sickle cell disease.
 - (e) Lupus Erythematosus.
- 2** Answer in brief : **10**
- (a) Complications of vein puncture.
 - (b) Name four anticoagulants for blood collection with use.
 - (c) Give normal values of MCV, MCH, MCHC and RDW.
 - (d) Prothrombin time.
 - (e) Describe WBC maturation in brief.
- 3** Answer in brief : **8**
- (a) Name four abnormal Hemoglobins.
 - (b) Causes of eosinophilia.
 - (c) Name four parasites found in blood.
 - (d) Osmotic fragility test.

SECTION - II

- 4** Write short notes on any **four** : **32**
- (a) Describe different methods of blood grouping.
 - (b) Hemolytic disease of newborn.
 - (c) ABO blood group systems.
 - (d) AIDS
 - (e) Mismatched blood transfusion investigations.
- 5** Write notes on any **three** : **18**
- (a) Indications of platelet transfusion.
 - (b) Bombay blood group.
 - (c) Coomb's test.
 - (d) Quality control in bloodbank.
-