



DA-4571 Seat No. _____
D.M.L.T. Examination
April / May - 2015
Haematology Immunology & Blood

Time : 3 Hours]

[Total Marks : 100

- Instructions :**
- (1) Figures to right indicate 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) Lab investigations in Haemorrhagic disorders.
 - (b) Define and classify Anemia. Lab investigation of iron deficiency anemia.
 - (c) Erythrocyte sedimentation rate.
 - (d) Red cell indices - normal value and significance.
 - (e) Use of vaccuttes in hematology collection.
- 2** Answer in brief : **10**
- (a) Criteria for ideal blood smear.
 - (b) Draw EOSINOPHIL and give causes of Eosinophilia.
 - (c) Indication of bone marrow biopsy.
 - (d) Enumerate the methods of Haemoglobin Estimation.
 - (e) Prothrombin time.
- 3** Answer in brief : **8**
- (a) Indication of peripheral smear examination.
 - (b) Osmotic Fragility test.
 - (c) Name and components of WBC diluting fluid.
 - (d) Basophilic stippling.

SECTION - II

- 4 Write short notes on any four : 32
- (a) Blood components preparation and their use.
 - (b) Blood transfusion reactions.
 - (c) Techniques for determination of blood groups.
 - (d) Blood collection and preservation.
 - (e) Coomb's test.
- 5 Write notes on any three : 18
- (a) Selection criteria of blood donor.
 - (b) Bombay blood group.
 - (c) Post donation care of blood donor.
 - (d) Hemolytic disease of new born.
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