



NAN-4571 Seat No. _____
Diploma in Medical Laboratory
Technology Examination
March / April - 2017
Haematology, Immunohaematology, Blood

Time : 3 Hours]

[Total Marks : 100

- Instructions :** (1) Figures to the right indicate full marks.
(2) Write legibly and to the point
(3) Irrelevant writing carry negative markings .

SECTION - I

- 1** Write short notes on any **four** : **32**
- (a) Megaloblastic Anemia-Causes and laboratory investigations.
 - (b) Difference between leukemoid reaction and leukemia .
 - (c) Reticulocyte staining and its significance.
 - (d) Use of vaccuttes in haematology collection.
 - (e) Red cell indices-normal value and significance.
- 2** Answer in brief : **10**
- (a) Difference between PCV and ESR.
 - (b) Draw a Eosinophil and causes of Eosinophilia.
 - (c) Blood indices in iron deficiency anemia.
 - (d) Names of method for Hb estimation.
 - (e) Three stains in haematology.
- 3** Answer in brief : **08**
- (a) NESTROF -full form.
 - (b) Use of E.D.T.A as anticoagulants
 - (c) Parasite seen in blood.
 - (d) Indications of peripheral smear examination.

SECTION - II

- 4 Write short notes on any **Four** : **32**
- (a) Blood group systems.
 - (b) Blood components and their use.
 - (c) criteria for ideal Blood donor.
 - (d) Pretransfusion Testing.
 - (e) Blood transfusion reaction.
- 5 Write short notes on any **Three** : **18**
- (a) Reverse blood grouping.
 - (b) Haemolytic disease of newborn.
 - (c) Disease transmitted by blood transfusion.
 - (d) Coombs Test.
-