

QP Code : 04034

(2½ Hours)

[Total Marks : 75]

- N.B. :** (1) All questions are **compulsory**.
(2) All questions carry **equal** marks.
(3) Draw **neat** labelled diagrams wherever **necessary**.
(4) Questions should be answered in **order**.

1. Describe the following :

(a) Anaemia.

OR

(a) Plasma proteins.

(b) Haemolysis.

OR

(b) Whole blood transfusion.

2. Explain the following :

(a) Formation of blood platelets.

OR

(a) Differential count of leucocytes.

(b) Leucopoiesis.

OR

(b) Mechanism of clotting of blood.

3. Describe the following :

(a) Important features of acquired immunity.

OR

(a) Lymph node as a secondary lymphoid organ.

(b) T-lymphocytes.

OR

(b) First line of defence.

4. Explain the following :

(a) Structure and properties of IgG.

OR

(a) Immunoelectrophoresis.

(b) General features of antigen-antibody interactions.

OR

(b) Complete antigens and Haptens.

5. Write short notes on :

(a) Total count of Erythrocytes.

OR

(a) ESR.

(b) Anticoagulants.

OR

(b) Bleeding time.

(c) Phagocytosis.

OR

(c) B-Lymphocytes.

(d) IgE

OR

(d) Complement Fixation test.

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