

Q.P. Code :20143

[Time: 2 $\frac{1}{2}$ Hours]

[Marks:75]

Please check whether you have got the right question paper.

- N.B:
1. All questions are compulsory.
 2. Figures to the right indicate full marks.
 3. Draw neat and labelled diagrams wherever necessary.

Q. 1 Explain the following:

A) Haemorrhage.

OR

A) Leukemia and its types.

B) Structure and functions of R.B.Cs.

OR

B) Types of Anemia.

Q. 2 Describe the following:

A) Microscopic examination of blood for Filariasis.

OR

A) Liver function tests (**Any Four**).

B) Blood Culture for typhoid.

OR

B) Storage and preservation of blood.

Q. 3 Describe the following:

A) Chemical barriers of innate immunity.

OR

A) Immunodeficiency diseases.

B) Antigens and Haptens.

OR

B) Thymus as a primary lymphoid organ.

Q.4 Explain the following:

A) Agglutination reaction- Definition, characteristics and mechanism.

OR

A) Types of grafts.

B) Active and passive immunisation.

OR

B) Tumour antigens and immune surveillance.

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Q. 5 Write short notes on:

A) Clotting time.

OR

A) Variation in number of R.B.Cs.

B) Forensic hematology.

OR

B) Coagulopathies.

C) IgE.

OR

C) Dendritic cells.

D) BCG vaccine.

OR

D) Precipitation slide test.
