



Haematology and Blood Transfusion – I

(Revised Scheme – 2)

Q.P. CODE: 9813

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

Section A and section B are to be written in same Answer Book

Section A – Haematology and Clinical Pathology [50 marks]

LONG ESSAY

1 X 20 = 20 Marks

1. Classify Leukemias. Discuss morphology and diagnostics investigations of acute leukemias.

SHORT ESSAY (Attempt any six)

6 X 5 = 30 Marks

2. Thalassemia
3. Sputum examination
4. Discuss the indication, sites and techniques of bone marrow aspiration.
5. Leucocytosis and its clinical significance
6. Lab diagnosis of Megaloblastic anemia
7. Philadelphia chromosome
8. Biomedical waste management
9. Pregnancy tests

Section B – Immunopathology and Medical Genetics [50 marks]

LONG ESSAY

1 X 20 = 20 Marks

10. Describe a granuloma, give four examples of granulomatous diseases. Discuss about Tuberculosis.

SHORT ESSAY (Attempt any six)

6 X 5 = 30 Marks

11. Rh typing of blood
12. Delayed hypersensitivity reactions
13. Autosomal recessive inheritance
14. Compatibility testing
15. Down's syndrome
16. Donor selection criteria for blood donation
17. Autoimmune hemolytic anemias
18. Tumor markers

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