



HAEMATOLOGY AND BLOOD BANKING HSSC-II

Time allowed: 2:20 Hours

Total Marks Sections B and C: 40

NOTE: Answer any twelve parts from Section 'B' and any two questions from Section 'C' on the separately provided answer book. Use supplementary answer sheet i.e. Sheet-B if required. Write your answers neatly and legibly.

SECTION – B (Marks 24)

Q. 2 Answer any TWELVE parts. The answer to each part should not exceed 2 to 4 lines. (12 x 2 = 24)

- (i) What are the storage requirements of various blood components?
- (ii) What is bone marrow aspiration?
- (iii) Give the principle of sickling test.
- (iv) What are the components of complete blood count (CBC)?
- (v) What is Hematocrit?
- (vi) What is Hemoglobin?
- (vii) What are the types of anaemia?
- (viii) What are the symptoms of thrombocytopenias?
- (ix) Name blood parasites.
- (x) What are the different types of Leukaemias?
- (xi) Give the principle of Reticulocyte count.
- (xii) Name major blood groups.
- (xiii) Give the method of Coomb's test.
- (xiv) Give the principle of Prothrombin Time.

SECTION – C (Marks 16)

Note: Attempt any TWO questions. All questions carry equal marks.

(2 x 8 = 16)

- Q. 3** Describe the different stages of Erythropoiesis.
- Q. 4** Give the classification and aetiology of Anaemia.
- Q. 5** What is blood donor selection criteria?