

Instructions:

- a) All questions are compulsory
- b) Draw diagrams wherever necessary
- c) Answers of Questions and Sub-questions must be written strictly according to serial order of question paper.
- d) Do not write anything on the blank portion of question paper, if written anything such type of act will be considered as an attempt to resort to unfair means

Q1. Long Answer questions

2 X 10 = 20

- a. Define Chronic inflammation. Describe its etiopathogenesis in relation to Tuberculosis with special reference to Granulomatous inflammation.
- b. Define and classify Anaemia. Discuss in detail lab findings in a case of Iron deficiency

Q2. Short Answer Questions

4 X 5 = 20

- a. Classification of Hodgkin lymphoma.
- b. Define Thrombosis. Discuss Pathophysiology and its clinical effects.
- c. Discuss stem cells and its clinical significance.
- d. Chronic myeloid leukaemia and its lab findings.

Q3. Very Short Answer Questions

1 X 10 = 10

- a. Types of Shock.
- b. Turner syndrome.
- c. Gaucher disease.
- d. Enumerate Blood components used in Blood bank.
- e. Functions of Platelets.
- f. Define oedema.
- g. Transudate vs Exudate.
- h. Role of histamine in inflammation.
- i. Define ischemia.
- j. Paraneoplastic syndrome.