

**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 Oedema, discuss pathophysiology in detail.
- b. Describe Megaloblastic anaemia, discuss microscopic feature.

**Q2. Short Answer Questions**

4 X 5 = 20

- a. Thrombosis.
- b. Vascular change in Inflammation.
- c. Hereditary Spherocytosis.
- d. Type I Hypersensitivity reaction.

**Q3. Very Short Answer Questions**

1 X 10 = 10

- a. ESR.
- b. Smudge cells
- c. ALL
- d. Role of Nitric Oxide in inflammation
- e. Fat Necrosis
- f. RB gene
- g. HBsAg.
- h. Cabot Ring
- i. Infarct
- j. C5a