

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. Morphological and biochemical changes in apoptosis.
- b. Causes and mechanism of fatty change liver.

Q2. Short Answer Questions

4 X 5= 20

- a. Pathological calcification.
- b. Cytokines in inflammation.
- c. Differences between lepromatous (LL) and tuberculoid leprosy (TT).
- d. Factors affecting wound healing.

Q3. Very Short Answer Questions

1 X 10= 10

- a. Important causes of glycosuria.
- b. Important causes of proteinuria.
- c. Important causes of haematuria.
- d. Important causes of ketonuria.
- e. Types of giant cells.
- f. Causes of hereditary haemolytic anaemia.
- g. Important factors affecting thrombus formation
- h. Important factors in wound healing
- i. Carcinogenic agents
- j. Genes involved in carcinogenesis