Q1. Give specific answers: (08)
1. Causes of Leucopenia
2. Give the difference between adult haemoglobin & fetal haemoglobin
3. What do you mean by MCV? Give its significance
4. What are acanthocytes? Enlist the condition in which they are observed.

Q2. Explain in detail any 2 of the following: (14)
1. Staining techniques of Peripheral blood Smear
2. The method of capillary blood collection, its advantages & disadvantages
3. The stages of erythrocyte production

Q3. Write an essay on any 1 of the following: (14)
1. Cytochemical reactions in diagnosis of different types of leukaemia.
2. Vitamin B₁₂ deficiency anaemia.

Q4. Write short notes on any 2 of the following: (14)
1. ESR
2. G6PD
3. AEC