



- 3 Write notes on the following :  
(a) Sickle cell anemia  
(b) Biochemical importance of purine and pyrimidine nucleotides.

- 4 Describe the composition and function of blood. Discuss various factors affecting coagulation. **10**

**OR**

- 4 Write notes on the following :  
(a) Clearance test  
(b) Uric acid estimation and its clinical significance.

- 5 Write short notes on any **three** of the following : **12**  
(a) Tests indicating tubular abnormality  
(b) Myoglobin and anemia  
(c) Atherosclerosis  
(d) Hyperbilirubinemia  
(e) HDL Vs. LDL.

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