



- 3 Write an essay on - Gene concept.
- 4 Describe in detail structure, functions, types and abnormal forms of Hb. 14

**OR**

- 4 Write detail notes on :
- (i) Leucocytes
  - (ii) Electrolytes regulation in the body.
- 5 Write short notes on : (any **three**) 15
- (i) Structure of nucleus
  - (ii) Polytene chromosome
  - (iii) DNA polymerase
  - (iv) Down syndrome
  - (v) Blood Pressure.
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