



- 3 Write short note on : (any three) 9
- (a) Phenyl ketonuria
  - (b) Transamination
  - (c) Characteristics of genetic codes
  - (d) Carnitine transporter
  - (e) Galactosemia.
- 4 Write notes on : (any two) 10
- (a) Glycogenolysis
  - (b) PCR
  - (c) Post translation modification
  - (d) Urea cycle.
- 5 Comment on / justify in 2-3 sentences : (any five) 10
- (a) Sodium fluoride used as preservative while collecting blood for glucose estimation.
  - (b) Replication is always semi conservative.
  - (c) Ciprofloxacin inhibit replication of bacterial DNA.
  - (d) Hemolysed serum is not suitable for serum potassium estimation.
  - (e) Muscle glycogen does not contribute in plasma glucose level.
  - (f) Human being can not digest cellulose.
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