

Q3A) Define (Any 3)

(03)

- 1) Genetics
- 2) Variation
- 3) Transcription
- 4) Recessive
- 5) Pedigree
- 6) Dominant

Q3B) Answer the following (Any 3)

(12)

- 1) Add a note on Clstron
- 2) Give any 4 modern definition of Gene.
- 3) Dominant Epistasis
- 4) Give a detail note on Symbols commonly used in pedigree chart.
- 5) Explain Recessive lethal with an example.
- 6) Add a note on Recon.

Q4A) Define (Any 3)

(03)

- 1) Oligosaccharide
- 2) Biological Molecules
- 3) Enzyme inhibitors
- 4) Chromatography
- 5) Translation
- 6) Co-dominance

Q4B) Answer the following (Any 2)

(12)

- 1) Explain Enzymes as proteins
- 2) Explain the structure and role of Amylopectin
- 3) Explain Methods of Enzyme Immobilization
- 4) What is Monohybrid Cross? Explain it with the help of an Example.