

Time : 2-30 Hours]

Instructions: 1. All Question carries equal mark and Write your Que/Ans. Number properly in Answersheet.
 2. Draw neat and labelled diagram where it necessary.

Que:1. Describe Role of Thermodynamics in plants with its Laws. (14 Marks)

OR

Que:1 (a) Describe Role of Autoradiography. (07 Marks)
 (b) Describe Atomic force Microscopy. (07 Marks)

Que:2. Describe Role of Biostatistics in Research. (14 Marks)

OR

Que:2 (a). Describe : Linear Correlation. (07 Marks)
 (b). Describe: Probability. (07 Marks)

Que:3. Describes Operative systems in Computers. (14 Marks)

OR

Que:3 (a). Artificial Intelligence. (07 Marks)
 (b). Primary database. (07 Marks)

Que:4. Explain Genomics study . (14 Marks)

OR

Que:4. (a). SWISS-PROT. (07 Marks)
 (b). Docking. (07 Marks)

(P, T, O)

Que: 5. Give short answer of Following (Any 07 out of 12 each of 02 marks) (14 Marks)

- (a). What is NMR?
- (b). What is Free Radicals ?
- (c). Use of Crystallography .
- (d). Define: Mode.
- (e). Define : ANOVA
- (f). Give two software use for Biostatistical data..
- (g). Full form of www. ?
- (h). What is significance of Microsoft Excel. .
- (i). Give Two name of Bioinformatics Software.
- (j). Give Importance of Genebank.
- (k) What is Proteomics..
- (l). Give command for file save and print.
