

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 Genbank.
 - (k). What is Proteomics..
 - (l). Give command for file save and print.
-