

B.Sc. Semester - 2 (NEP-2020) Examination

JUNE – 2024

BIT: Biostatistics, Biocomputing and Bioinformatics (Minor-2)

Time: 2:00 Hours

Marks: 50

Instructions:

1. All questions are compulsory.
2. Figures to the right indicate marks.

Que.1 (A) What is Biostatistics? Explain scope and application of Biostatistics in detail (05)

(B) Define sample. Explain sampling techniques in detail. (05)

OR

Que.1 (A) List out Central tendency? Explain any one in detail (05)

(B) what is measures of dispersions? Explain application, advantages and disadvantages of Standard deviation (05)

Que.2 (A) Differentiate between probability and confidential probability (05)

(B) Describe application of student t' test in biological science (05)

OR

Que.2 (A) Explain Analysis of variance in detail (05)

(B) Describe application of student Chi square' test in biological science (05)

Que.3 (A) Explain in detail about various structural components of computer (05)

(B) Write a detail note about MS-word (05)

OR

Que.3 (A) Explain in detail about EMAIL (05)

(B) Write a note on MS-Excel (05)

Que.4 (A) Define Bioinformatics. Describe application of bioinformatics in various fields (05)

(B) Explain in detail about Gene bank file format (05)

OR

Que.4 (A) Write a detail note on protein structure databases (05)

(B) Explain in detail about literature database (05)

Que.5 (A) Write a note on MEAN (05)

(B) What is data? Explain data representation in detail (05)

OR

Que.5 (A) Write a note on NCBI (05)

(B) Write a note on types of computer (05)
