

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

MARCH/APRIL-2026

BIT: Biostatistics, Biocomputing and Bioinformatics (Major-3)

Time: 2:00 Hours

Marks:50

Instructions:

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

Que.1 Write short note:

- 1) A note on applications of biostatistics. (05)
- 2) Write in short about any one method of data collection. (05)

OR

- 1) Standard deviation. (05)
- 2) Brief note on merits and demerits of median. (05)

Que.2 Write short note:

- 1) Significance of probability. (05)
- 2) Write importance of student's t-test. (05)

OR

- 1) Chi square test. (05)
- 2) ANOVA (05)

Que.3 Write short note:

- 1) A brief note on components of computers. (05)
- 2) Uses of Microsoft power-point. (05)

OR

- 1) Paint. (05)
- 2) How to set-up email address? (05)

Que.4 Write short note:

- 1) Bioinformatics. (05)
- 2) A brief note on role of bioinformatics in agriculture. (05)

OR

- 1) What is the basic structure of database? (05)
- 2) Write note on image file format of data. (05)

Que.5 Write short note:

- 1) Significance of mean in statistics. (05)
- 2) Explain conditional probability with one example. (05)

OR

- 1) Enlist any five types of file format name with examples and importance. (05)
- 2) How to set a formula in MS-Excel? (05)
