PSMBT-16 - Biostatistics and Bioinformatics Paper – IV

P. Pages : 1   **GUG/W/18/11411**

Time : Three Hours |||||||||||||||||||||| Max. Marks : 80

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Notes :   1.   All questions are compulsory and carry equal marks.

1.   Explain different methods of sampling. Also give merits and demerits of sampling.   **16**

OR

How frequency can be studied using various tabular and frequency polygons.

2.   Give a note on correlation and give its types.   **16**

OR

What is ANOVA? Discuss the F-test for comparing the factors of total deviation.

3.   Explain biological databases and their types.   **16**

OR

Give the details of protein data bank and chaperon sequence analysis.

4.   Discuss in detail BLAST and FASTA   **16**

OR

How can you product protein structure and function from sequences.

5.   Write short notes on.   **16**

a)   Measures of central tendency.

b)   Hypothesis testing.

c)   Protein Data Bank (PDB)

d)   Biological data bases.

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