PSMBT-16 - Biostatistics and Bioinformatics

P. Pages : 1

Time : Three Hours

1562

GUG/S/23/11411

Max. Marks : 80

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1. Explain students t test and its applications. **16**

OR

    a) Write note on measures of central tendency. **8**

    b) Write note on stratified and cluster sampling. **8**

2. What is ANOVA? Explain the basic concepts involved in it. **16**

OR

    a) Write a note on hypothesis testing. **8**

    b) Explain the correlation and its types. **8**

3. Explain different types of information networks. **16**

OR

    a) Discuss functional approach of NCBI. **8**

    b) Write note on EST. **8**

4. Describe different types of biological databases. **16**

OR

    a) Write note on BLAST and FASTA. **8**

    b) Write note on determination of protein structure. **8**

5. a) What is Binomial distribution. **4**

    b) Explain Regression analysis. **4**

    c) What is homology and analogy. **4**

    d) Write a note on Chemoinformatics. **4**

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