B. Sc. 5th Semester Sessional Examination-2023
Sub-Zoology (H)
Paper- Computational Biology and Biostatistics
Paper Code: ZOO-HE-5016
Full Marks: 20
Time: 1 Hr

The figure in the margin indicates full marks

1. Write Short notes (Any five)   3x5= 15

    a. NCBI GenBank

    b. DDBJ

    c. Structural databases

    d. PDB

    e. SwissProt

    f. KEGG

    g. PubChem

    h. T-test

2. What do you mean by Biological Database? What are the different types of databases?

    2+3=5

    OR

    In a laboratory rearing Drosophila, 21 males are mutated, 25 females are mutated, 9 males are normal, 5 females are normal. Find if there is any association between mutation and sex of the Drosophila. (Tabulated value=3.84)   5