

DATA AND TEXT MINING

DOCUMENTATION RESEARCH AND TRAINING CENTRE, ISI-BC

MID TERM EXAMINATION (2022)

Total Marks: 30

Date: 10/03/2022

Time: 90 mins.

ANSWER ALL

1. List out four tasks/points that are considered as data mining. [2]
2. Write TWO properties of matrix multiplication. [2]
3. Find the Euclidian norm of a vector $X = [1, 0, 2, 1]$. [2]
4. Write the equation for TWO operations of measures of spread. [2]
5. Construct the Box And Whisker Plot for vector.
 - $X = [12, 5, 22, 30, 7, 36, 14, 42, 15, 53, 25]$ [5]
6. Describe the KDD process with figure. Show the importance of data mining. [5]
7. Differentiate between Database Processing and Data Mining Processing with two examples [2]
8. What is ordinal and interval attributes? Gove two mathematical properties for each. [4]
9. Describe different steps of data mining system [3]
10. Differentiate between histogram and scatter plot with examples and diagrams. [3]