SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN
(AUTONOMOUS)
(Affiliated to the University of Madras and Re-accredited with 'A+' Grade by NAAC)
Chromepet, Chennai - 600 044.
B.Sc. Comp Sci - END SEMESTER EXAMINATIONS APRIL - 2024
SEMESTER - V
22UCSCT5007 - Data Mining

Total Duration : 2 Hrs. 30 Mins.   Total Marks : 60

Section B

Answer any **SIX** questions $(6 \times 5 = 30$ Marks$)$

1. What is data mining? What kind of data can be mined?

2. Describe Data Objects and Attribute Types.

3. Classify the major tasks in data pre-processing? Explain

4. Clarify data cleaning.

5. Reproduce association rule mining.

6. Give details about Constraint-Based Pattern Generation.

7. Summarise Bayes' classification methods.

8. Ascertain about cluster analysis.

Section C

Answer any **THREE** questions $(3 \times 10 = 30$ Marks$)$

9. Illustrate data visualization.

10. Write in detail about Data Transformation and Data Discretization.

11. Explain in detail about Apriori algorithm.

12. Mention the techniques to improve classification accuracy.

13. Critique outlier detection methods.

*****