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.(Computer Science) END SEMESTER EXAMINATIONS NOVEMBER -2023
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. Illustrate the essential steps in the process of knowledge discovery.

2. Describe about the Apriori algorithm.

3. Prepare various issues regarding the classification.

4. Describe about the outlier analysis.

5. Explain the overview of data reduction strategies.

6. Elaborate the application of constraint based association mining.

7. Explain about the Bayesian classification.

8. Recommend the typical requirement of clustering in data mining.

Section C

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

9. Describe about supervised and unsupervised learning.

10. Classify the major steps involved in data preprocessing.

11. Justify about mining multilevel association rule.

12. Classify the techniques to improve classification accuracy.

13. Assess various partitioning methods in clustering.

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