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.
BCA. END SEMESTER EXAMINATIONS APRIL-2022
SEMESTER - VI
18UCACE6C03 **&** UCA/CE/6C03 - **Data Mining**

Total Duration : 3 Hrs.   **Total Marks : 60**

Section A

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

1. Explain the steps involved in the process of the Knowledge Discovery from Data with a neat diagram.

2. What are the strategies for Data Transformation?

3. Why do we need to Pre-process the data and also list out the steps involved in Pre-processing.

4. Explain the steps involved in Apriori Algorithm.

5. How does Tree Pruning work?

6. What is Back Propagation?

7. Discuss about Baye's Classification Methods.

8. Explain the requirements used in Clustering.

Section B

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

9. Explain various Data Mining Technologies that are used.

10. What is Data Cleaning ? Describe the various methods of Data Cleaning.

11. Explain in detail about Multidimensional association rule.

12. Discuss about Decision Tree Induction Algorithm.

13. Explain in detail about Partitional Clustering method.

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