

D.K.M. COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE – 1**SEMESTER EXAMINATIONS****APRIL - 2017****CCA6B****DATA MINING AND DATA WARE HOUSING****Time: 3 Hrs****Max. Marks: 75****SECTION – A (10 X 2 =20)****Answer ALL the questions.**

1. What is meant by a Data Mart?
2. Define Data Warehouse.
3. What is a Data Cube?
4. How are concept Hier Archies useful in OLAP?
5. Write the function of Smoothing.
6. What is meant by Data Compression?
7. How are association rules mined from Large Databases
8. How are Meta Rules useful?
9. What are Bayesian classifications?
10. What is back propagation?

SECTION – B (5 X 5 =25)**Answer any FIVE of the following questions.**

11. Write the necessary reasons for creating Data Marts.
12. Explain about types of OLAP servers.
13. Write about efficient Processing of OLAP queries.
14. Briefly explain about Architectures of Data Mining systems.
15. How is class Comparison Performed?
16. Explain about constraint based Association mining.
17. Write the criteria by which classification Methods are Compared.
18. Briefly explain on requirements of Clustering in Data Mining.

SECTION – C (3 X 10 =30)**Answer ALL the questions.**

19. a) Elaborate on Data Warehouse Architecture.
(Or)
b) Elucidate on Star Schema.
20. a) Describe about efficient computation of Data cubes.
(Or)
b) Write about Analytical Characterization in detail.
21. a) Elaborate on Association Rule mining.
(Or)
b) Discuss on classification by Decision Tree Induction.