

**S.NO: 22N1- PCS**

**Course Code: PGXM**

**A.D.M.COLLEGE FOR WOMEN, NAGAPATTINAM**

**(AUTONOMOUS)**

**M.Sc (Computer Science) Degree Examination**

**III Semester – November – 2022**

**CC XII – DATA MINING AND DATA WAREHOUSING**

**Time: 3 hours**

**Maximum Marks: 75**

**Section –A**

**10X2=20**

Answer **ALL** the Questions

1. Define functionalities of data mining.
2. Define Patterns in mining.
3. What is meant by Data Transformation?
4. What is meant by Data Discrimination?
5. What do you mean by OLAP in the context of data warehousing?
6. What is Dimension Table?
7. What is FP Growth Algorithm?
8. What is classification?
9. What is K-Nearest Neighbors Method?
10. Define Prediction.

**Section -B**

**5X5=25**

Answer **ALL** the Questions

11. a) Write the importance of Data Mining.

**(or)**

b) Explain the Task Primitives of Data Mining.

12. a) Make a note on Data Integration.

**(or)**

b) Clarify the Role of Data Reduction.

13. a) Explain multidimensional model .

**(or)**

b) Discuss the Concept of Data warehouse Architecture.

14. a) Discuss on FP Growth tree.

**(or)**

b) Make clear about Market Basket Analysis.

15. a) Give details on Decision Tree.

**(or)**

b) Write a note on Classification and Prediction.

**Section -C**

**3 X 10 = 30**

Answer any **THREE** Questions

16. Detailed on Classification of Data mining Systems .
17. Aspect on Concept Hierarchy Generation
18. Comprehensive on Implementation from Data Warehouse to Data mining.
19. Discuss on APRIORI Algorithm with an example.
20. Briefly explain about Cluster analysis.

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