

STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI – 600 086
(For candidates admitted during the academic year 2007-08)

SUBJECT CODE : CS/PC/DW44

M. Sc. DEGREE EXAMINATION, APRIL 2009
INFORMATION TECHNOLOGY
FOURTH SEMESTER

COURSE : CORE
PAPER : DATA MINING AND WAREHOUSING
TIME : 3 HOURS **MAX. MARKS : 100**

SECTION - A

Answer all the questions : **10 x 2 = 20**

1. What is data mining?
2. What is data warehouse?
3. What are the data preprocessing techniques?
4. What is data cleaning?
5. What is noisy data?
6. What are the strategies for data reduction?
7. What is concept description?
8. What is classification?
9. What are the applications of classification and prediction?
10. Write the formula for Bayes theorem.

SECTION - B

Answer any six of the following : **6 x 5 = 30**

11. What are the major issues in data mining?
12. Explain data cleaning.
13. Discuss about Data Warehousing to Data Mining.
14. Explain association rule mining.
15. Explain about partitioning method.
16. Explain mining text databases.
17. Discuss the various trends in data mining.
18. Discuss the classification of data mining system.

SECTION - C

Answer any five of the following : **5 x 10 = 50**

19. What are the kinds of databases? Explain.
20. Explain the three tier data warehouse architecture.
21. Explain Date Integration and transformation.
22. Discuss about data mining primitives.
23. Explain Bayesian classification.
24. Discuss the types of data in cluster analysis.
25. Explain mining multimedia databases.
