

M.C.A. DEGREE EXAMINATIONS: APRIL 2010

Fourth Semester

P07CAE10: DATA WAREHOUSING AND DATA MINING

Time: Three Hours

Maximum Marks: 100

Answer ALL Questions:-

PART A (10 x 2 = 20 Marks)

1. What is Data Mining?
2. What is noisy data?
3. Mention the data preprocessing techniques.
4. What is Data Warehousing?
5. Define prediction.
6. What is attribute selection measure?
7. What are Meta data?
8. List out the levels in 3-tier data warehouse architecture.
9. Define DBMiner.
10. What do you meant by web usage mining?

PART B (5 x 16 = 80 Marks)

11. a) (i) Explain the steps in data mining process. (10)
(ii) Explain the major issues in data mining. (6)

(OR)

b) Describe in detail about the overview of data mining functionalities.

12. a) Explain the data transformation techniques in detail.

(OR)

b) Illustrate the Multi level Association rules mining from transaction databases.

13. a) Discuss in detail about Bayesian classification.

(OR)

b) Explain the types of data in cluster analysis.

14. a) Discuss in detail about the data warehouse architecture.

(OR)

b) Explain in detail about the multidimensional data model.

15. a) Describe in detail about the mining the text databases.

(OR)

b) Explain in detail about mining the spatial databases.
