



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.C.A. DEGREE EXAMINATION – COMPUTER APPLICATIONS

FIFTH SEMESTER – NOVEMBER 2015

CA 5807 - DATA MINING

Date : 05/11/2015
Time : 09:00-12:00

Dept. No.

Max. : 100 Marks

Part-A

Answer ALL Questions

(10 * 2= 20)

1. What is Legacy database?
2. Write the Strategies for Data reduction.
3. What are the major Classification methods?
4. What is the role of Classifier?
5. What is Cluster?
6. Write an example for Grid based method.
7. Define web mining
8. What is Vision Based Page segmentation?
9. What is invisible Data mining?
10. Give few examples of Data mining in retail industry.

Part – B

Answer ALL Questions

(5 * 8= 40)

11. a) Explain Attribute Selection methods in Data reduction.
(or)
b) Explain the OLAP operations on multidimensional Data.
12. a) Describe Rule based classification with example.
(or)
b) Explain the straight line linear regression in Prediction.
13. a) Explain the requirements of Clustering in Data mining.
(or)
b) Explain Density based clustering methods.
14. a) Explain similarity search in Multimedia Data.
(or)
b) Explain mining the webpage layout structure in detail.
15. a) Describe the Social impacts of Data Mining.
(or)
b) Explain the features of Weka tool.

Part – C

Answer any TWO Questions

(2 * 20= 40)

16. Discuss Data cleaning process in detail – 20 Marks.
17. a) Explain Classification by Backpropagation in detail.
b) Discuss k-means partitioning algorithm for clustering.
18. a) Write short notes on Text mining.
b) Explain all the Functions of Data mining.
