

LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034



M.C.A.DEGREE EXAMINATION –COMPUTER APPLICATIONS

FIFTH SEMESTER – APRIL 2018

CA 5807– DATA MINING

Date: 18-04-2018
Time: 09:00-12:00

Dept. No.

Max. : 100 Marks

Part-A

Answer ALL Questions

(10 * 2= 20)

1. What is Data mining?
2. What do you mean Data integration?
3. What are the issues in Classification?
4. What do you mean by Prediction?
5. Draw any decision tree for a class attribute.
6. Write an example for Density based method.
7. Define Outlier analysis.
8. What is Vision Based Page segmentation?
9. What is Web Data mining?
10. Give few examples of Data mining tools.

Part – B

Answer ALL Questions

(5 * 8= 40)

11. a) Explain KDD process in detail.

(or)

b) Write short notes on OLAP operations.

12. a) Describe if-then rule based classification with an example.

(or)

b) Explain linear regression for Prediction.

13. a) Explain the requirements of Clustering in Data mining.

(or)

b) Explain Graph based clustering method.

14. a) Write short notes on Text mining.

(or)

b) Write short notes on mining Multimedia data.

15. a) Explain the Applications of Data mining for Biological data Analysis

(or)

b) Explain the features of R-miner.

Part - C

Answer any TWO Questions

(2 * 20= 40)

16. Discuss all the functions of Data mining – 20 marks.

17. a) Explain Classification by Decision tree algorithm in detail.

b) Describe Hierarchical clustering.

18. a) Discuss Spatial data mining.

b) Discuss Single association rule generation with an example.
