

Code: 9F00403

MCA IV Semester Supplementary Examinations May 2019

DATA WAREHOUSING & MINING

(For 2009, 2010, 2011, 2012 (LC), 2013, 2014, 2015 & 2016 admitted batches only)

Time: 3 hours

Max. Marks: 60

Answer any FIVE questions
All questions carry equal marks

- 1 (a) What are the steps involved in the process of knowledge discovery? Explain.
(b) Mention the classification of data mining systems.
- 2 (a) According to William H what is data warehouse? Explain the key features.
(b) List and explain four different views regarding the design of a data warehouse.
- 3 (a) Write BUC algorithm for the computation of sparse or iceberg cubes.
(b) Write a note on descriptive data mining.
- 4 Explain Apriori algorithm for discovering frequent item sets. How we can improve the efficiency of Apriori by hash based technique.
- 5 Why Naive Bayesian classification called naive? Briefly outline the major ideas of naive Bayesian classification.
- 6 What is clustering? Explain the requirements of clustering in data mining.
- 7 (a) Describe the different text mining tasks for extracted keywords or semantic information.
(b) Write a short note on spatial mining.
- 8 List and explain challenging issues in data mining trends.
