

Hall Ticket No:

Question Paper Code: 14MCA111

**MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE, MADANAPALLE**  
(UGC-AUTONOMOUS)

**MCA II Year II Semester (R14) Supplementary End Semester Examinations – Dec 2018**  
(Regulations: R14)

**DATA WAREHOUSING AND DATA MINING**

Time: 3Hrs

Max Marks: 60

Attempt all the questions. All parts of the question must be answered in one place only.  
In Q.no 1 to 5 answer either Part-A or B only

Q.1(A) Explain about the cluster analysis and outlier analysis with example. 12M

OR

Q.1(B) Explain about the data cleaning with suitable Example. 12M

Q.2(A) Explain about the From association mining to correlation analysis. 12M

OR

Q.2(B) Discuss the development lifecycle of a data warehouse. 12M

Q.3(A) Explain about Bayes' theorem with suitable example. 12M

OR

Q.3(B) Explain in detail about the Genetic Algorithms. 12M

Q.4(A) Explain about Grid-Based Methods. 12M

OR

Q.4(B) Write about BIRCH and ROCK in hierarchical methods. 12M

Q.5(A) Explain the process of mining the World Wide Web. 12M

OR

Q.5(B) Explain about Multidimensional analysis and Mining associations in Multimedia data. 12M

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