

Roll No.

Exam Code : J-19

Subject Code—0109

M.C.A. EXAMINATION

(Batch 2009 Onwards)

(Fifth Semester)

DATA WAREHOUSING AND DATA MINING

MS-31

Time : 3 Hours

Maximum Marks : 70

Section A

Note : Attempt any *Seven* questions. **7×5=35**

1. What do you understand by data mining ?
2. What is KDD ?
3. What are the source of data ?
4. What do you understand by data cube technology ?

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5. Explain data mining primitives.
6. Explain Boolean association rules.
7. What is classification ?
8. What is backpropagation ?
9. What is association ?
10. What do you understand by graphical user interface in data preparation ?

Section B

Note : Attempt all the questions.

11. Explain the tier architecture of data of data warehouse. Explain the processing and analysis of query in data warehouse system. **12**

Or

Explain a brief history of Data Warehouse and Today Development Environment.

12. What is Multidimensional data warehouse ? What do you understand by OLAP technology in data mining ? Explain different operation which can be performed in multidimensional data cube. **12**

Or

What is Bayesian classification ? What is Bayesian belief network ?

13. Differentiate between data cleaning, data integration and data reduction. **11**

Or

What do you understand by nearest-neighbor classifier ? Explain with the help of example.