



UTTARAKHAND OPEN UNIVERSITY, HALDWANI (NAINITAL)

MCA 2nd YEAR 4th SEMESTER ASSIGNMENT*Last Date of Submission: 15 May,2014*

Course Title: Data Mining and Data Warehousing

Course Code: MCA-22

Year: 2013-14

Maximum Marks: 40 Marks

Section 'A' contains 08 short answer type questions of 5 marks each. Learners are required to answers 4 questions only. Answers of short answer-type questions must be restricted to 250 words approximately.

1. How is a data warehouse different from a database? How are they similar?
2. What are technologies used in data mining?
3. What are the major issues in data mining? Explain.
4. What is Cluster Analysis? Explain Types of Data in Cluster Analysis.
5. What is the meaning of clustering in data mining? List the requirements for clustering.
6. What is data warehouse? What are the goals of a data warehouse?
7. What do you mean by Granularity
8. Compare and contrast OLAP and data warehouse?

Section 'B' contains 04 long answer-type questions of 10 marks each. Learners are required to answers 02 questions only.

1. What are the different components of a data warehouse? Explain with the help of a diagram.
2. How Artificial Intelligence is used in Data warehousing. Explain with suitable example.
3. Explain three-tire Data Warehouse architecture with a neat sketch.
4. What is Meta data and data mart Explain with example.