



UTTARAKHAND OPEN UNIVERSITY, HALDWANI (NAINITAL)
उत्तराखण्ड मुक्त विश्वविद्यालय, हल्द्वानी (नैनीताल)

MSC(IT)-12
2ND YEAR 4TH SEMESTER ASSIGNMENT

Last Date of Submission: 15 May, 2013

Course Title: Advanced Database Management System. Course Code: MSc(IT)-14

Year: 2012-13

Maximum Marks: 40 Marks

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

1. What is DBMS? Explain with the help of example.
2. What are the various data types used in SQL?
3. What are the various functions of database administrator?
4. Differentiate between SQL and PLSQL.
5. What are the role and responsibility of DBA? Explain.
6. What are the limitations of RDBMS?
7. What is the difference between DDL and DML? Explain.
8. Explain Different Types of Joins.

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

1. How a distributed database system can be recovered in case of failure?
2. How a data warehouse is different from a database? Explain the designing of a data Warehouse.
3. What is the objective of online analytical processing? Discuss online analytical processing In detail.
4. What are the DML commands? Explain with the help of example.