



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

BCA-11/BCA-16 2ND YEAR 3RD SEMESTER
ASSIGNMENT

Last Date of Submission: 15/12/2016

Course Title: Database Management System

Course Code: BCA-09

Year: 2016-17

Maximum Marks: 30/40

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

1. What are the advantages of DBMS?
2. Define the terms DDL and DML.
3. What are the different data types used in SQL?
4. Differentiate between Database system and File system.
5. What is Domain Constraint?
6. Differentiate generalization and Specialization.
7. What is database security?
8. What is a primary key? How primary key is different from super key and candidate key?

Section 'B' contains 04 long answer-type questions of 7/10 marks each. Learners are required to answers 02 questions only.

1. Explain Codd's rules of DBMS.
2. What is normalization? Explain third normal form with example.
3. What are data models? What is a relational data model? How relational data model is different from network data model?
4. Explain client-server architecture in database management system.