



M 8750

Reg. No. :

Name :

Third Semester B.Sc. Degree Examination, November 2010
COMPUTER SCIENCE (Complementary)
3C05CSC – Database Management System (Course – 3)

Time: 3 Hours

MWGP : 84

SECTION – A

Answer **all** questions. Weightage for a bunch of 4 questions is 1 :

1. The no. of tuples in a relational model is called _____
a) degree b) cardinality c) count d) attribute
2. The relational algebra operation, _____ is used to select certain columns from the table.
a) select b) project c) intersection d) union
3. To modify attribute values of one or more selected tuples, the command used is _____
a) UPDATE b) MODIFY c) ALTER d) INSERT
4. _____ is the smallest unit of data.
a) record b) field c) file d) tuple
5. DDL stands for _____
6. Duplication of data in a database is called _____
7. The command used to delete a table is _____
8. The candidate key whose value is used to identify the tuples in relation is called _____

SECTION – B

Answer **any five** questions. Weightage **1 each** :

9. What is a relation ?
10. Write the syntax to create a view.

P.T.O.



11. Define BCNF.
12. What is a Network Model ?
13. What is a constraint ?
14. What is a trigger ?
15. Which are the arithmetic operators in SQL ?
16. What is the usage of group by clause ?

SECTION – C

Answer **any five** questions. Weightage **2 each** :

17. Explain the role of Database Administrator.
18. Differentiate between Primary key and Foreign key.
19. Explain any two DML commands in SQL.
20. Write note on Relational model.
21. Explain the types of JOIN.
22. Write the note on E-R diagram.
23. What is a DBMS ? Point out its advantages.
24. Explain the role of ORDER BY with syntax.

SECTION – D

Answer **any one** question. Weightage **4 each** :

25. What is meant by normalization ? Explain different normal forms.
 26. Explain syntax and purpose of any four aggregate functions in SQL.
-