



M 11209

Reg. No. : .....

Name : .....

III Semester B.A./B.Sc./B.Com./B.B.A./B.B.A. T.T.M./B.B.M./B.C.A./B.S.W.

Degree (CCSS-Reg./Supple.) Examination, November 2011

COMPLEMENTARY COURSE IN COMPUTER SCIENCE

3C05 CSC : Database Management System

Time: 3 Hours

Max. WGP : 84

SECTION – A

Answer all questions. Weightage for a bunch of 4 questions is 1 Maximum Weighted Grade Point : 1 (w) \* 2 (bunch) \* 4 (Max GP) = 8.

1. A row in a relation is called \_\_\_\_\_
2. DCL stands for \_\_\_\_\_
3. \_\_\_\_\_ is used to prevent null values for an attribute.
4. Duplication of data is called \_\_\_\_\_
5. The command used to grant privileges in SQL \_\_\_\_\_  
a) SELECT      b) GRANT      c) SUBMIT      d) REVOKE
6. E-R diagram uses \_\_\_\_\_ to represent relation ship set.  
a) Rectangle      b) Diamond      c) Ellipse      d) Line
7. A table is in \_\_\_\_\_, if it is in BCNF and it contains no multivalued dependencies.  
a) 2NF      b) 3NF      c) 4NF      d) 5NF
8. \_\_\_\_\_ is automatically executed when an event occurs.  
a) Functions      b) Triggers      c) Queries      d) Views

P.T.O.



SECTION – B

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

- 9. What is an attribute ?
- 10. Write syntax of command used to create a table.
- 11. Explain Schema and Subschema.
- 12. Write note on Primary key and its role.
- 13. Explain 4NF form.
- 14. What is a Data Model ?
- 15. Write any two uses of sequences.
- 16. What is a View ?

SECTION – C

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

- 17. Compare relational and Network models.
- 18. Write on three categories of Database Languages.
- 19. Differentiate between GROUP BY and ORDER BY.
- 20. Explain the role of Database Administrator.
- 21. Explain the datatype supported by SQL.
- 22. Write any two data functions in SQL.
- 23. Write notes on E-R model and symbols used.
- 24. Explain the importance of Constraints and database design.

SECTION – D

Answer **any one** questions. Weightage **4 each**.

- 25. Explain any four relational algebra operations with example.
- 26. What is a Trigger ? Explain the syntax and execution of triggers with example.