

No. of Printed Pages : 4  
Roll No. ....

220834

**3rd Sem / Branch : Computer  
Sub.: Database Management system**

Time : 3Hrs.

M.M. : 60

**SECTION-A**

**Note:** Multiple choice questions. All questions are compulsory  
(6x1=6)

Q.1 DBA stands for

- a) Database Administrator
- b) Database authority
- c) Database Access
- d) Database

Q.2 GRANT & REVOKE are

- a) DDL
- b) DML
- c) DCL
- d) DQL

Q.3 The overall description of a database is known as

- a) Instance
- b) Schema
- c) Snapshot
- d) View

Q.4 Which one of the following can be taken as primary key

- a) Roll no
- b) Name
- c) Age
- d) City

(4100)

(4)

220834

(1)

220834

- Q.5 Which one of the following command is used to delete a table from the database
- Insert
  - Delete
  - Select
  - Drop
- Q.6 SQL is a
- Procedural
  - Non Procedural
  - Both A & B
  - None of the above

#### SECTION-B

**Note:** Objective/Completion type questions. All questions are compulsory. (6x1=6)

- Q.7 Expand DBMS.
- Q.8 Define Normalisation.
- Q.9 Define Data.
- Q.10 Define Super Key.
- Q.11 Define Tuple.
- Q.12 Expand DDL.

#### SECTION-C

**Note:** Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

- Q.13 Write the functions of a DBA.
- Q.14 Explain BCNF.

(2) 220834

- Q.15 What is Database Security. Why it is needed.
- Q.16 What is ER Diagram. Draw various symbols used in it.
- Q.17 Explain the components of SQL.
- Q.18 Write the disadvantages of a database system.
- Q.19 Explain the following SQL. Commands with example (a) Create command (b) Insert Command.
- Q.20 Explain Data Independence.
- Q.21 Explain Cardinality Ratio.
- Q.22 Define Indexes. How it is created.

#### SECTION-D

**Note:** Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

- Q.23 Explain Relational Model.
- Q.24 Explain DBMS Architecture.
- Q.25 Classify DBMS Users.

(3) 220834