

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

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Q.5 Which one of the following command is used to delete a table from the database

- a) Insert b) Delete
- c) Select d) Drop

Q.6 SQL is a

- a) Procedural b) Non Procedural
- c) Both A & B d) 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.

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- 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.