

No. of Printed Pages : 4
Roll No.

220834

**3rd Sem / Computer, Computer
(For Speech and Hearing Impaired)
Subject : Data Base Management System**

Time : 3 Hrs.

M.M. : 60

SECTION-A

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

- Q.1 What is the full form of DBMS? (CO1)
a) Data of Binary Management System
b) Database Manufacture System
c) Database Management System
d) Data Backup Management System
- Q.2 Which of the following is known as a set of entities of the same type of share, same properties or attributes? (CO2)
a) Relation Set
b) Tuples
c) Entity Set
d) Entity Relation Model
- Q.3 Which command is used to remove a relation from an SQL? (CO5)
a) Drop table b) Delete
c) Purge d) Remove

(1)

220834

- Q.4 Which normalization form is based on the transitive dependency? (CO3)
a) 1NF b) 2NF
c) 3NF d) BCNF
- Q.5 Which of the following is not an example of DBMS? (CO1)
a) SQL Server b) MYSQL
c) Microsoft Outlook d) Microsoft Access
- Q.6 Which of the following is not a valid access control mechanism? (CO4)
a) DAC b) SAC
c) MAC d) RBAC

SECTION-B

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

- Q.7 Expand SQL. (CO5)
- Q.8 Data consistency is the disadvantage of DBMS. (True/False) (CO1)
- Q.9 What do you mean by cardinality? (CO2)
- Q.10 Who gives the concept of Normalization? (CO3)
- Q.11 Write syntax of create index command? (CO4)
- Q.12 _____ command is used to give permission access to the table. (CO5)

(2)

220834

SECTION-C

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

- Q.13 Write down responsibilities and functions of DBA? (CO1)
- Q.14 What is the Normalization? Explain 2NF. (CO3)
- Q.15 Define cardinality ratio and participation constraint for a relation? (CO2)
- Q.16 Explain various components of SQL? (CO5)
- Q.17 What are four characteristics of DBMS? (CO1)
- Q.18 What is entity, attributes and their relationship? Give example? (CO2)
- Q.19 List four requirements of database security? (CO4)
- Q.20 State four property of Boyce Codd Normal Form? (CO4)
- Q.21 What is SQL? How DDL and DML are different? (CO5)
- Q.22 Explain various types of DBMS Interfaces? (CO1)

SECTION-D

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

- Q.23 Explain three levels of architecture of DBMS with diagram? (CO1)
- Q.24 What is data independence? Give five differences between logical data and physical data independence? (CO1)
- Q.25 What are E-R Diagrams? Write various symbols used in it? (Co2)