

Q.No.1

Which one is a main feature of DBMS?

- A. Efficient storage and retrieval of data
- B. Efficient storage and safety of data
- C. Efficient storage and security of data
- D. Efficient storage and scalability of data

Q.No.2

Which is the most adapted DBMS model?

- A. Network Model
- B. Hierarchical Model
- C. Hybrid Model
- D. Relation Model

Q. No. 3

What is the main aspect of Relational data model?

- A. Usage of tables to store data
- B. Availability of foreign key to maintain relation
- C. Availability of data dictionary for metadata
- D. All of the above

Q. No. 4

What is common in all RDBMS software?

- A. All permit storage of data
- B. All permit usage of constraints for performance
- C. All permit SQL commands to interact with data
- D. All of the above

Q. No. 5

In Relational Database Model a table represents:

- A. An Entity
- B. Group of Records
- C. Information about an object
- D. None of the above

Q. No. 6

Which of the database model is followed by Oracle DB?

- A. Network
- B. Hierarchical
- C. Relational
- D. NoSQL

Q. No. 7

What is the full form of SQL?

- A. Structured Query Language

- B. Standard Query Language
- C. Simple Query Language
- D. Standard Question Language

Q. No. 8

Who proposed the Relation Model?

- A. Raymond Boyce
- B. E. F. Codd
- C. C J Date
- D. None of the above

Q.No.9

Normalization rules can be applied on which database model?

- A. Network
- B. Hierarchical
- C. NoSQL
- D. Relational

Q.No.10

Who proposed the initial Normalization forms?

- A. C J Date
- B. E. F. Codd
- C. Raymond Boyce
- D. None of the above

Q. No. 11

What is the main component of First Normalization Form?

- A. Elimination of repeating groups
- B. Composite primary key
- C. In-Direct dependency
- D. All of the above

Q. No. 12

Which normalization form talks about transitive dependency?

- A. 1NF
- B. 2NF
- C. 3NF
- D. BCNF

Q. No. 13

Which one is the most recent Normalization form?

- A. 4NF
- B. 5NF
- C. 6NF
- D. PJNF

Q. No. 14

What type of databases preferably witness denormalization?

- A. OLTP
- B. Data Warehouse
- C. Business Intelligence
- D. None of the above

Q. No. 15

Which one of the following statements is true?

- A. Normalization may result in splitting of table to two or more tables
- B. Normalization rules can be applied in any order
- C. Database must adhere to all Normalization rules
- D. All of the above

Q. No. 16

A table is assumed to be in which Normalization form if it does not contain composite candidate keys?

- A. 1NF
- B. 2NF
- C. 3NF
- D. BCNF

Q.No.17

Evaluate the set of SQL statements:

DROP TABLE dept;

ROLLBACK;

DESCRIBE dept

Which one is true about the set?

- A. DESCRIBE command will display the structure of dept table.
- B. ROLLBACK statement successfully recovered dropped table.
- C. DESCRIBE statement returns an error of dept table does not exist.
- D. DESCRIBE command require COMMIT to be issued to display structure of dept table

Q.No.18

Which query is used to display customers who have not provided their phone number?

- A. SELECT * FROM customer WHERE cust_contact=NULL;
- B. SELECT * FROM customer WHERE cust_contact=NVL(cust_contact,0);
- C. SELECT * FROM customer WHERE cust_contact IS = NULL;
- D. SELECT * FROM customer WHERE cust_contact IS NULL;

Q. No. 19

COMMIT statement is a part of which SQL category?

- A. DML
- B. DDL

- C. DCL
- D. TCL

Q. No. 20

MongoDB provides high _____ with replica sets.

- A. Performance
- B. Availability
- C. Scalability
- D. none of the mentioned

Q. No. 21

Point out the correct statement.

- a) MongoDB cannot be used as a file system
- b) MongoDB can run over single servers only
- c) Embedded documents and arrays reduce need for joins
- d) None of the mentioned

Q. No. 22

_____ replicas maintain a copy of the data on the primary using built-in replication.

- a) Primary
- b) Secondary
- c) Backup
- d) All of the mentioned

Q. No. 23

4. MongoDB scales horizontally using _____ for load balancing purpose.

- a) Replication
- b) Partitioning
- c) Sharding
- d) None of the mentioned

Q. No. 24

8. MongoDB supports fixed-size collections called _____ collections.

- a) primary
- b) secondary
- c) capped
- d) all of the mentioned