

Database management system Mcq Questions with answers pdf

1) Advantages of DBMS

- A) Reduction in Data redundancy
- B) Data consistency and integrity
- C) Data security
- D) Privacy
- E) All of the above **Answer**

2) Which of the following is generally used for performing tasks like creating the structure of the relations, deleting relations?

- A) DML(Data Manipulation Language
- B) Query
- C) Relational Schema
- D) DDL Data Definition Language **Answer**

3) What is the full form of DBMS?

- A) Data of Binary Management System
- B) Database Management System **Answer**
- C) Database Management Service
- D) Data Backup Management System

4) List string functions in SQL

- A) Initcap(String)
- B) Upper(String)
- C) Lower(String)

- D) Length(String)
- E) Lpad(String,char,number)
- F) Rpad(String,char,number)
- G) All of the above **Answer**

5) In the following Query, which of the following can be placed in the Query's blank portion to display the salary from highest to lowest amount, and sorting the employees name alphabetically?

SELECT *

FROM instructor

ORDER BY salary ____, name ____;

- A) Ascending, Descending
- B) Asc, Desc
- C) Desc, Asc **Answer**
- D) All of the above

6) List DCL command

- A) GRANT
- B) REVOKE
- C) All of the above
- D) None of the above **Answer**

7) Which type of data can be stored in the database?

- A) Image oriented data
- B) Text, files containing data
- C) Data in the form of audio or video
- D) All of the above **Answer**

8) disadvantages of typical file processing systems.

- A) Data redundancy and inconsistency
- B) Difficulty in accessing data
- C) Data isolation

- D) Integrity problems
- E) All of the above **Answer**

9) Which of the following can be considered as the maximum size that is supported by FAT?

- A) 8GB
- B) 4GB **Answer**
- C) 4TB
- D) None of the above

10) Which of the following can be used to extract or filter the data & information from the data warehouse?

- A) Data redundancy
- B) Data recovery tool
- C) Data mining **Answer**
- D) None of the above

11) Which of the following is a feature of DBMS?

- A) Minimum Duplication and Redundancy of Data
- B) High Level of Security
- C) Single-user Access only **Answer**
- D) Support ACID Property

12) To which of the following the term "DBA" referred?

- A) Data Bank Administrator
- B) Database Administrator **Answer**
- C) Data Administrator
- D) None of the above

13) Which of the following is a component of the DBMS?

- A) Data
- B) Data Languages

- C) Data Manager
- D) All of the above **Answer**

14) Which of the following refers to the number of tuples in a relation?

- A) Entity
- B) Column
- C) Cardinality **Answer**
- D) None of the above

15) The values appearing in given attributes of any tuple in the referencing relation must likewise occur in specified attributes of at least one tuple in the referenced relation, according to _____ integrity constraint.

- A) Referential **Answer**
- B) Primary
- C) Referencing
- D) Specific

16) In which one of the following, the multiple lower entities are grouped (or combined together to form a single higher-level entity)?

- A) Specialization
- B) Generalization **Answer**
- C) Aggregation
- D) None of the above

17) In a relational database, every tuple divided into the fields are known as the_____.

- A) Queries
- B) Domains **Answer**
- C) Relations
- D) All of the above

18) Which one of the following commands is used for removing (or deleting) a relation from the SQL database?

- A) Delete
- B) Drop **Answer**
- C) Remove
- D) All of the above

19) Which one of the following commands is used to restore the database to the last committed state?

- A) Savepoint
- B) Rollback **Answer**
- C) Commit
- D) All of the above

20) Which one of the following refers to the total view of the database content?

- A) Conceptual view **Answer**
- B) Physical view
- C) Internal view
- D) External view

21) For what purpose the DML is provided?

- A) Addition of new structure in the database
- B) Manipulation & processing of the database **Answer**
- C) Definition of the physical structure of the database system
- D) All of the above

22) Which of the following levels is considered as the level closed to the end-users?

- A) Internal Level
- B) External Level **Answer**
- C) Conceptual Level

D) Physical Level

23) A computer security protocol for logging-in can be considered as the example of the _____ component of an information system.

- A) Data**
- B) Software**
- C) Procedure Answer**
- D) Hardware**

24) Which one of the following keywords is used to find out the number of values in a column?

- A) TOTAL**
- B) COUNT Answer**
- C) SUM**
- ADD**

25) A table is a collection of related data held in table format. It is a set of data elements using a model of vertical columns and horizontal rows.

- A) True Answer**
- B) False**

26) Each table contains a field which is a data structure, used to hold the data. It can also be termed as an attribute.

- A) True Answer**
- B) False**

27) Hierarchical model Reflects M:N(many to many) relations

- A) True**
- False Answer**

Reason: Hierarchical model Reflects 1:N (one-to many)relations

28) A cursor is a temporary work area created in system memory when an SQL statement is executed.

A) True **Answer**

B) False

29) Design of a database is called a schema. Schema is of three types: Physical schema, logical schema and view schema.

A) True **Answer**

B) False

30) The COMMIT command is used to undo transactions that have not already been saved to the database.

A) True

B) False **Answer**

Reason: The COMMIT command saves all transactions to the database since the last COMMIT or ROLLBACK command

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