

DBMS – INTERVIEW QUESTIONS

Gives you the interview tips in DBMS

A free DBMS interview questions by,

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ABOUT THE AUTHOR

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ACKNOWLEDGEMENT

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1. What is an Entity type?

It is a collection (set) of entities that have same attributes.

2. What is an Entity set?

It is a collection of all entities of particular entity type in the database.

3. What is Weak Entity set?

An entity set may not have sufficient attributes to form a primary key, and its primary key comprises of its partial key and primary key of its parent entity, then it is said to be Weak Entity set.

4. What is an attribute?

It is a particular property, which describes the entity.

5. What is Relationship?

It is an association among two or more entities.

6. What is Data Definition Language(DDL)?

Data Definition Language (DDL) statements are used to define the database structure or schema.

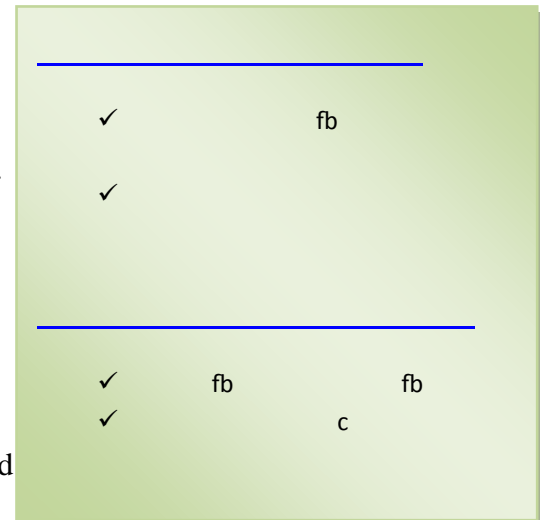
Some examples:

- CREATE - to create objects in the database
- ALTER - alters the structure of the database
- DROP - delete objects from the database
- TRUNCATE - remove all records from a table, including all spaces allocated for the records are removed
- COMMENT - add comments to the data dictionary
- RENAME - rename an object

7. What is Data Manipulation Language(DML)?

Data Manipulation Language (DML) statements are used for managing data within schema objects. Some examples:

- SELECT - retrieve data from the a database
- INSERT - insert data into a table
- UPDATE - updates existing data within a table
- DELETE - deletes all records from a table, the space for the records remain
- MERGE - UPSERT operation (insert or update)



- CALL - call a PL/SQL or Java subprogram
- EXPLAIN PLAN - explain access path to data
- LOCK TABLE - control concurrency.

8. What is Data Control Language (DCL)?

Data Control Language (DCL) statements. Some examples:

- GRANT - gives user's access privileges to database
- REVOKE - withdraw access privileges given with the GRANT command

9. What is Transaction control(TCL)?

Transaction Control (TCL) statements are used to manage the changes made by DML statements. It allows statements to be grouped together into logical transactions.

- COMMIT - save work done
- SAVEPOINT - identify a point in a transaction to which you can later roll back
- ROLLBACK - restore database to original since the last COMMIT
- SET TRANSACTION - Change transaction options like isolation level and what rollback segment to use.

10. What is Data Storage - Definition Language?

The storage structures and access methods used by database system are specified by a set of definition in a special type of DDL called data storage-definition language.

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