

Database Questions & Answers – A Simple Transaction Model

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This set of Database Multiple Choice Questions & Answers (MCQs) focuses on “A Simple Transaction Model”.

1. In SQL, which command is used to issue multiple CREATE TABLE, CREATE VIEW and GRANT statements in a single transaction?

- a) CREATE PACKAGE
- b) CREATE SCHEMA
- c) CREATE CLUSTER
- d) All of the mentioned

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Answer: b

Explanation: A database schema of a database system is its structure described in a formal language supported by the database management system and refers to the organization of data as a blueprint of how a database is constructed.

2. In SQL, the CREATE TABLESPACE is used

- a) To create a place in the database for storage of scheme objects, rollback segments, and naming the data files to comprise the tablespace
- b) To create a database trigger
- c) To add/rename data files, to change storage
- d) All of the mentioned

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Answer: a

Explanation: Triggers are used to initialize the actions for an activity.

3. Which character function can be used to return a specified portion of a character string?

- a) INSTR
- b) SUBSTRING
- c) SUBSTR
- d) POS

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Answer: c

Explanation: SUBSTR are used to match the particular characters in a string.

4. Which of the following is TRUE for the System Variable \$date\$?

- a) Can be assigned to a global variable
- b) Can be assigned to any field only during design time
- c) Can be assigned to any variable or field during run time

d) Can be assigned to a local variable

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Answer: b

Explanation: A database schema of a database system is its structure described in a formal language supported by the database management system and refers to the organization of data as a blueprint of how a database is constructed.

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5. What are the different events in Triggers?

- a) Define, Create
- b) Drop, Comment
- c) Insert, Update, Delete
- d) Select, Commit

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Answer: c

Explanation: A database trigger is a procedural code that is automatically executed in response to certain events on a particular table or view in a database.

6. Which is the subset of SQL commands used to manipulate Oracle Database Structures, including tables?

- a) Data Definition Language
- b) Data Manipulation Language
- c) Data Described Language

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d) Data Retrieval Language

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Answer: a

Explanation: DDL are used to define schema and table characters.

7. The SQL statement `SELECT SUBSTR('123456789', INSTR('abcabcabc','b'), 4) FROM EMP;` prints

a) 6789

b) 2345

c) 1234

d) 456789

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Answer: b

Explanation: SUBSTR are used to match the particular characters in a string.

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8. Which of the following SQL command can be used to modify existing data in a database table?

a) MODIFY

b) UPDATE

c) CHANGE

d) NEW

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Answer: b

Explanation: Syntax : `UPDATE table_name`

```
SET column1=value1,column2=value2,...  
WHERE some_column=some_value; .
```

9. When SQL statements are embedded inside 3GL, we call such a program as

- a) Nested query
- b) Nested programming
- c) Distinct query
- d) Embedded SQL

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Answer: d

Explanation: SQL-99 is the most recent version of standard SQL prescribed by the ANSI.

10. _____ provides option for entering SQL queries as execution time, rather than at the development stage.

- a) PL/SQL
- b) SQL*Plus
- c) SQL
- d) Dynamic SQL

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Answer: d

Explanation: Dynamic SQL enables you to write programs that reference SQL statements whose full text is not known until runtime.

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