

C2090-616^{Q&As}

DB2 11.1 Fundamentals for LUW

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QUESTION 1

The DDL statement is used to create table T1: CREATE TABLE t1 (
c1 INTEGER,
c2 INTEGER NOT NULL,
c3 DECIMAL(11,2),
c4 TIMESTAMP WITH DEFAULT CURRENT_TIMESTAMP
)

Which of the following INSERT statements will execute successfully?

- A. INSERT INTO t1 VALUES (100)
- B. INSERT INTO t1 (c1, c2) VALUES (100)
- C. INSERT INTO t1 (c1, c3) VALUES ('100', '100.00')
- D. INSERT INTO t1 (c2, c3) VALUES (100, 100.00), (101, 101)

Correct Answer: B

QUESTION 2

With HADR, which of the following configuration and topology choices provides the highest level of protection from potential loss of data in a pureScale environment?

- A. Principal standby with SYNC synchronization mode
- B. Auxiliary standby with SYNC synchronization mode
- C. Principal standby with NEARSYNC synchronization mode
- D. Auxiliary standby with SUPERSYNC synchronization mode

Correct Answer: A

Standby databases are synchronized with the primary database through log data that is generated on the primary and shipped to the standbys. The standbys constantly roll forward through the logs. You can choose from four different synchronization modes. In order of most to least protection, these are SYNC, NEARSYNC, ASYNC, and SUPERASYNC.

QUESTION 3

The application owners say they need to be able to query a table and previous versions of that table. Which type of

table is appropriate to satisfy this requirement?

- A. Shadow Table
- B. Temporal Table
- C. Range-Partitioned Table
- D. Multidimensional Clustered Table

Correct Answer: B

QUESTION 4

You are asked to provide a recommendation for the appropriate DB2 edition for a new application. The application is characterized by long, complex queries that select a subset of columns and often perform grouping and aggregation. The initial database size is estimated at 5 TB, with growth of about 100 GB per year. Keep data size on disk to a minimum is a priority?

Which of the following editions would be best meet the described needs?

- A. DB2 Express-C
- B. DB2 Enterprise Server Edition
- C. DB2 Workgroup Server Edition
- D. DB2 Advanced Enterprise Server Edition

Correct Answer: D

QUESTION 5

Which of the following statements about triggers are TRUE? (Choose two.)

- A. There is a limit of 8 for the maximum number of cascading trigger activations
- B. Triggers can be activated as a result of changes due to referential constraint enforcement
- C. Multiple INSTEAD OF triggers are allowed for each kind of operation on a given subject view
- D. Constraints associated with a subject table are applied between execution of BEFORE and AFTER triggers
- E. The activation of the triggers for a particular table, event and activation time are conducted in descending order of trigger creation time

Correct Answer: BD

QUESTION 6

Which of the following authorities are sufficient for creating a database? (Choose two.)

- A. DBADM
- B. SYSADM
- C. SECADM
- D. SYSCTRL
- E. SYSMANT

Correct Answer: BD

QUESTION 7

Which of the following isolation levels most reduces concurrency and is most likely to cause lock escalations?

- A. Read Stability
- B. Cursor Stability
- C. Repeatable Read
- D. Uncommitted Read

Correct Answer: C

QUESTION 8

Consider the following SQL statement:

```
SELECT workdept, empno, lastname, salary,  
RANK() OVER (PARTITION BY workdept ORDER BY salary) AS rank_salary  
FROM employee  
ORDER BY workdept, lastname
```

What does the RANK() OVER (PARTITION BY workdept ORDER BY salary) clause do?

- A. It ranks the rows in each WORKDEPT by SALARY.
- B. It groups all rows by WORKDEPT, then ranks all rows in the complete result set by SALARY.
- C. It generates a blank output line after each group of rows with the same WORKDEPT, and ranks these groups by SALARY.

D. It tells the optimizer to physically partition the EMPLOYEE table by the WORKDEPT column for runtime execution, and ranks each WORKDEPT by SALARY.

Correct Answer: B

QUESTION 9

The creator of an index or an index specification automatically receives which privilege on the index?

- A. SELECT
- B. DELETE
- C. UPDATE
- D. CONTROL

Correct Answer: D

QUESTION 10

A user executes the following statements:

```
REATE TABLE t1 (c1 INT, c2 INT);
```

```
CREATE ALIAS a1 FOR t1;
```

What will be the result if the user executes the following statement?

```
DROP ALIAS a1;
```

- A. The alias A1 will be dropped
- B. The table T1 will be dropped
- C. Both T1 and A1 will be dropped
- D. Nothing, the statement will result in an error

Correct Answer: A

QUESTION 11

Consider the following query and the resulting set of data:

```
SELECT empno, lastname FROM emp WHERE empno BETWEEN `000020\` and `000070\`
```

Result:

If the query below is executed, how many rows will be returned?

```
SELECT empno FROM emp WHERE empno > `000020\` AND empno `000070\`
```

- A.
- B. 0
- C. 1
- D. 3
- E. 5

Correct Answer: C

QUESTION 12

BLU Acceleration is included in which of the following edition of DB2 LUW? (Choose two.)

- A. Direct Standard Edition
- B. Enterprise Server Edition
- C. Workgroup Server Edition
- D. DB2 Direct Advanced Edition
- E. Advanced Enterprise Server Edition

Correct Answer: BC

QUESTION 13

Which of the following is designed for continuous availability, increased throughput of many concurrent short queries, and easy scalability?

- A. DB2 HADR
- B. DB2 pureScale
- C. DB2 Express-C
- D. DS2 Database Partitioning Feature

Correct Answer: B

QUESTION 14

Which three facilities are used to control authorization in DB2?

- A. privileges, db2ssh, LBAC credentials
- B. privileges, authority levels, certificates
- C. db2ssh, trusted contexts, authority levels
- D. privileges, authority levels, LBAC credentials

Correct Answer: D

QUESTION 15

Which of the following statements about stored procedures is TRUE?

- A. Stored procedures can be written in SQL PL, but not in the PL/SQL dialect
- B. The CREATE SOURCED PROCEDURE statement defines a procedure that is based on another procedure in a federated database
- C. There are three types of stored procedures which can be deployed: SQL procedures, external procedures, and sourced procedures
- D. Two identically-named procedures within a schema are permitted to have exactly the same number of parameters, but the parameters must have different data types assigned

Correct Answer: B

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