

C2090-610^{Q&As}

DB2 10.1 Fundamentals

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QUESTION 1

What are two valid objects that can be created in DB2? (Choose two.)

- A. Tree
- B. Node
- C. Trigger
- D. Contexts
- E. Sequence

Correct Answer: CE

QUESTION 2

Which type of table should you use if you want to define specific time periods when data is valid?

- A. Materialized query table
- B. System-period temporal table
- C. Declared global temporary table
- D. Application-period temporal table

Correct Answer: D

QUESTION 3

What is the act of exchanging one lock an application holds on a resource for a more restrictive lock on the same resource known as?

- A. Lock escalation
- B. Lock substitution
- C. Lock switch/exchange
- D. Lock conversion/promotion

Correct Answer: D

QUESTION 4

User USER1 wants to store part numbers and part descriptions in a table named PARTS; user USER1 also wants to ensure that any comparisons of part descriptions that are made will be done so in binary, regardless of the database

collating sequence used. Which statement should user USER1 execute to create the desired table?

- A. CREATE TABLE parts (part_no INTEGER, desc CLOB)
- B. CREATE TABLE parts (part_no INTEGER, desc VARCHAR(200))
- C. CREATE TABLE parts (part_no INTEGER, desc CLOB FOR BIT DATA)
- D. CREATE TABLE parts (part_no INTEGER, desc VARCHAR(200) FOR BIT DATA)

Correct Answer: D

QUESTION 5

What is the primary function of an Online Transaction Processing (OLTP) workload?

- A. To combine data from multiple sources.
- B. To discover hidden relationships in data.
- C. To analyze large amounts of data to find patterns.
- D. To make changes to a small number of records within a single transaction.

Correct Answer: D

QUESTION 6

Which database object provides an alternative way of describing data that exists in one or more base tables?

- A. Alias
- B. View
- C. Index
- D. Sequence

Correct Answer: B

QUESTION 7

User USER1 wants to define a required relationship between two tables named TAB1 and TAB2 in such a way that whenever a record is deleted from table TAB1, any related records are deleted from table TAB2. What must user USER1 do to accomplish this?

- A. 1) Create a primary key on table TAB1; 2) Create a foreign key on table TAB2 that references the primary key on table TAB1 and adheres to the ON DELETE CASCADE rule.
- B. 1) Create a primary key on table TAB2; 2) Create a foreign key on table TAB1 that references the primary key on table TAB2 and adheres to the ON DELETE CASCADE rule.

C. 1) Create a primary key on table TAB1; 2) Create a foreign key on table TAB2 that references the primary key on table TAB1 and adheres to the ON DELETE RESTRICT rule.

D. 1) Create a primary key on table TAB2; 2) Create a foreign key on table TAB1 that references the primary key on table TAB2 and adheres to the ON DELETE RESTRICT rule.

Correct Answer: A

QUESTION 8

Which statement about a deadlock is true?

- A. The victim will be rolled back.
- B. The victim will read through the lock.
- C. Both victim and holder are rolled back.
- D. The victim must wait until the holder releases the lock.

Correct Answer: A

QUESTION 9

What factor influences lock escalation?

- A. Table size
- B. Buffer space
- C. Number of locks
- D. Available real storage

Correct Answer: C

QUESTION 10

Which type of temporal table can be used to store only time-sensitive data?

- A. Bitemporal
- B. Time-period
- C. System-period
- D. Application-period

Correct Answer: D

QUESTION 11

A table named DEPARTMENT contains the following data:

| DEPTNO | DEPTNAME | MGRNO | ADMRDEPT |
|--------|-----------------|--------|----------|
| A01 | PLANNING | 000020 | A00 |
| B02 | BRANCH OFFICE 1 | - | E01 |
| C22 | BRANCH OFFICE 2 | - | E01 |
| D22 | BRANCH OFFICE 3 | - | E01 |
| E22 | BRANCH OFFICE 4 | - | E01 |

If a user attempts to execute the following statement:

```
UPDATE employee SET workdept =  
(SELECT deptno FROM department WHERE admrdept LIKE 'E%')  
WHERE workdept IS NULL;
```

What will happen?

- A. The statement will fail because a subquery cannot be used in an UPDATE statement.
- B. The statement will fail because the result set produced by the subquery will contain more than one row.
- C. The statement will succeed; the last record retrieved by the subquery will be used to provide a WORKDEPT value for the update operation.
- D. The statement will succeed; the first record retrieved by the subquery will be used to provide a WORKDEPT value for the update operation.

Correct Answer: B

QUESTION 12

Which SQL statement would be used to retrieve only salaries that are greater than \$100,000.00 from a table named EMPLOYEE?

- A. SELECT * FROM employee WHERE salary
- B. SELECT salary FROM employee WHERE salary > 100000
- C. SELECT salary FROM employee WHERE salary > 100,000.00
- D. SELECT * FROM employee WHERE salary GREATER THAN 100000

Correct Answer: B

QUESTION 13

If the following command is executed: CREATE DATABASE test What is the page size (in kilobytes) of the database?

- A. 4
- B. 8
- C. 16
- D. 32

Correct Answer: A

QUESTION 14

A column mask that is to be used for row and column access control (RCAC) was created with the DISABLE option specified. What must be done if this mask is to be used to restrict access to data stored in a table named EMPLOYEE?

- A. The column mask must be enabled; the EMPLOYEE table must be altered to activate column access control.
- B. The column mask must be enabled (column access control for the EMPLOYEE table will be activated automatically).
- C. The EMPLOYEE table must be altered to activate column access control (the column mask will be enabled automatically).
- D. The EMPLOYEE table must be altered to activate column access control; row permission must be granted to everyone who needs to use the column mask.

Correct Answer: A

QUESTION 15

Which data type should be used to store data in a column that represents money and accurately returns a two position scale?

- A. BIGINT
- B. BINARY
- C. DOUBLE
- D. DECIMAL

Correct Answer: D

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