# A2090-610<sup>Q&As</sup>

Assessment: DB2 10.1 Fundamentals - Assessment

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**QUESTION 1**

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 2**

When an index is created for a table, where is the metadata for that index stored?

A. In the table definition.

B. In the system catalog.

C. In the schema that the index resides in.

D. In the metadata of the table the index was created for.

Correct Answer: B

**QUESTION 3**

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 4**

A table named STATES has the following columns: STATE_CD, REGION_CD, and STATE_NAME. Which SQL statement will return the number of states in each region, ordered by number of states?

A. SELECT state_cd, COUNT(*)FROM statesORDER BY COUNT(*);

B. SELECT state_cd, COUNT(*)FROM statesGROUP BY state_cdORDER BY state_cd;

C. SELECT region_cd, COUNT(*)FROM statesGROUP BY state_cdORDER BY COUNT(*);

D. SELECT region_cd, COUNT(*)FROM statesGROUP BY region_cdORDER BY COUNT(*);

Correct Answer: D

**QUESTION 5**

Which type of table is best suited for recording results from application data manipulation that is not required to be persistent?

A. Base Table

B. Temporal Table

C. Transition Table

D. Temporary Table

Correct Answer: D

**QUESTION 6**

What is the act of releasing a large number of row-level locks that an application holds on a single table to acquire a table-level lock known as?

A. Lock exchange

B. Lock promotion

C. Lock escalation

D. Lock conversion

Correct Answer: C

**QUESTION 7**

Given the following statements:

```
CREATE TABLE employee (empid INTEGER, info XML);

INSERT INTO employee VALUES (1,
'<employeeinfo>
 <name>Joe Smith</name>
 <department name="DB2">
   <team>Development</team>
 </department>
</employeeinfo>');
```

If the following XQuery statement is executed:

```
XQUERY
for $info in db2-fn:xmlcolumn('EMPLOYEE.INFO')/employeeinfo
return $info/name
```

What will be the result?

A. Joe Smith

B. Joe Smith

C. Joe Smith>DB2

D. Joe Smith

Correct Answer: B

**QUESTION 8**

Which statement about BEFORE triggers is FALSE?

A. A BEFORE trigger can be used to perform validation of input data.

B. A BEFORE trigger can be used to automatically generate values for newly inserted rows.

C. A BEFORE trigger is fired for each row in the set of affected rows before the trigger event executes.

D. A BEFORE trigger is fired for each row in the set of affected rows instead of executing the trigger event.

Correct Answer: D

**QUESTION 9**

Given the following statement:

GRANT DELETE ON TABLE sales TO User1 WITH GRANT OPTION; Which statement is correct?

A. USER1 can only remove the SALES table.

B. USER1 can only remove records from the SALES table.

C. USER1 can remove the SALES table and grant the privilege to remove the SALES table to other users.

D. USER1 can remove records from the SALES table and grant the privilege to remove records from the SALES table to other users.

Correct Answer: D

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**QUESTION 10**

Which SQL statement will give user USER1 the ability to assign a comment to a sequence named MYSEQ?

A. GRANT ALTER ON SEQUENCE myseq TO user1

B. GRANT USAGE ON SEQUENCE myseq TO user1

C. GRANT SELECT ON SEQUENCE myseq TO user1

D. GRANT COMMENT ON SEQUENCE myseq TO user1

Correct Answer: A

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**QUESTION 11**

Which statement is valid about the Row and Column Access Control (RCAC) feature?

A. A row mask\\'s access control rule is defined by an SQL CASE expression; a column permission\\'s access control rule is defined by an SQLsearch condition.

B. A row permission\\'s access control rule is defined by an SQL CASE expression; a column mask\\'s access control rule is defined by an SQLsearch condition.

C. A row mask\\'s access control rule is defined by an SQL search condition; a column permission\\'s access control rule is defined by an SQL CASEexpression.

D. A row permission\\'s access control rule is defined by an SQL search condition; a column mask\\'s access control rule is defined by an SQL CASEexpression.

Correct Answer: D

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**QUESTION 12**

Which DB2 object can be used to improve the execution performance of qualified SELECT statements?

A. Trigger

B. SQL Procedure

C. Sequence Object

D. Materialized Query Table

Correct Answer: D

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**QUESTION 13**

The WITH CHECK OPTION clause of the CREATE VIEW statement allows you to do which of the following?

A. Define a view on one or more tables or views.

B. Revalidate all invalid objects that are referenced on a view\\'s fullselect.

C. Ensure that any inserted or updated rows conform to the definition of the view.

D. Define a view that only consists of columns that have check constraints defined.

Correct Answer: C

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**QUESTION 14**

Which type of stored procedure is not associated with an external application program?

A. A Java stored procedure.

B. A REXX stored procedure.

C. A native SQL stored procedure.

D. An external SQL stored procedure.

Correct Answer: C

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**QUESTION 15**

Given an EMPLOYEES table and a SALES table, a user wants to produce a list of all employees and their associated revenue, even if no revenue exists. Which SQL statement will produce the desired list?

A. SELECT employees.name, sales.revenueFROM employeesINNER JOIN sales ON employees.id = sales.emp_id

B. SELECT employees.name, sales.revenueFROM employeesINNER JOIN sales ON sales.emp_id = employees.id

C. SELECT employees.name, sales.revenueFROM salesLEFT OUTER JOIN employees ON employees.id = sales.emp_id

D. SELECT employees.name, sales.revenueFROM salesRIGHT OUTER JOIN employees ON employees.id = sales.emp_id

Correct Answer: D

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