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C2090-543

DB2 9.7 Application Development

DEMO

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QUESTION NO: 1

Which condition will prevent a developer from using the DB2 Call Level Interface in an application?

- A. The developer must control the cursor names to comply with company naming standards.
- B. An SQL precompiler is not available to the developer.
- C. The application must create an external scalar function with the CREATE FUNCTION statement.
- D. The DECLARE CURSOR statement needs to be used.

Answer: D

QUESTION NO: 2

The statement below was used to create a cursor named CSR1:

```
DECLARE csr1 DYNAMIC SCROLL CURSOR FOR  
SELECT * FROM employee;
```

After fetching all of the rows in the result set associated with cursor CSR1, which two statements can be used to fetch the data starting at the end of the result set? (Choose two.)

- A. FETCH LAST
- B. FETCH PRIOR
- C. FETCH RELATIVE
- D. FETCH OFFSET

Answer: B,C

QUESTION NO: 3

Click the Exhibit button.

```
CREATE TABLE store(sid INTEGER, info XML);  
INSERT INTO store VALUES (1,  
'<storeinfo sid="1">  
<name>Grocery A</name>  
<items>  
<fruit><name>Mango</name><price>1.20</price></fruit>  
<fruit><name>Apple</name><price>0.50</price></fruit>  
<dessert><name>Ice Cream</name><price>6.00</price></dessert>  
</items>  
</storeinfo>');
```

Given the statements shown in the exhibit, a user executes the query shown below:

```
XQUERY for $store in db2-fn:xmlcolumn('STORE.INFO')/storeinfolet $items := $store/items/fruit,
```

`$count := fn:count($items) return <itemcount>$count</itemcount>`

What is the output?

- A. 2
- B. `<itemcount>2</itemcount>`
- C. `<itemcount>1</itemcount>`
- D. `<itemcount>$count</itemcount>`

Answer: D

QUESTION NO: 4

You have created a stored procedure (MULTIRESULTS()) on the server which will return multiple result sets. While developing a PHP application using the IBM_DB2 extension, you want to call the stored procedure. The code shown below will execute the stored procedure:

```
$stmt = db2_exec($conn, 'CALL multiResults()');
```

How can you fetch all of the result sets from `$stmt`?

- A. Call `db2_fetch_object($stmt)` for the first result set; call `db2_next_result($stmt)` for more result sets.
- B. Call `db2_next_result($stmt)` for each result set.
- C. Call `db2_fetch_object($stmt)` for each result set.
- D. Call `db2_next_result($stmt)` for each result set; call `db2_fetch_object($stmt)` for each row in the result set.

Answer: A

QUESTION NO: 5

An existing table has the definition shown below:

```
CREATE TABLE hr.employees (empid INTEGER NOT NULL PRIMARY KEY,deptno  
INTEGER,authid VARCHAR(255), salary DECIMAL (10,2), commission DECIMAL (5,3) DEFAULT  
0,benefits XML )
```

Only members of the HR_ADMIN group have privilege to SELECT, INSERT, UPDATE, or DELETE from the HR.EMPLOYEES table. A Web-based application is under development that connects to the database with a user's AUTHID and enables a user to see their record. No other records are visible.

Which type of database object can be created by a member of the HR_ADMIN that provides the necessary information without changing the privileges on the HR.EMPLOYEES table?

- A. trigger

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- B. view
 - C. alias
 - D. index

Answer: B

QUESTION NO: 6

The table shown below contains a large number of financial transactions:

```
CREATE TABLE webstore.transactions (transaction_id INTEGER NOT NULL PRIMARY KEY,  
order_date TIMESTAMP NOT NULL, shipped_date TIMESTAMP, customer_id INTEGER NOT  
NULL, shipping_info XML NOT NULL, billing_info XML NOT NULL, invoice XML NOT NULL )
```

Only members of the AUDIT_TEAM group have SELECT privilege on the WEBSTORE.TRANSACTIONS table. For appropriate supply-chain management, members of the INVENTORY_CONTROL group need to see the INVOICE document for each transaction that has a NULL SHIPPED_DATE, but are restricted from seeing any shipping or billing information. Which database object can a member of the AUDIT_TEAM group create to enable the INVENTORY_CONTROL group to access the information needed from WEBSTORE.TRANSACTIONS?

- A. alias
- B. sequence
- C. trigger
- D. view

Answer: D

QUESTION NO: 7

A database contains two tables with the same definition and authorities:

PRODUCTION.SALESDATA and TEST.SALESDATA. The PRODUCTION.SALESDATA table contains business-critical information that is constantly changing; the TEST.SALESDATA table contains a snapshot of the PRODUCTION.SALESDATA table. Business rules require that applications under development access the TEST.SALESDATA table until ready for deployment. Once an application is deployed, it accesses the PRODUCTION.SALESDATA table. Which object can be used to simplify switching between the TEST.SALESDATA and PRODUCTION.SALESDATA tables without having to re-code the application?

- A. trigger
- B. procedure
- C. alias