Vendor: IBM

Exam Code: 000-733

Exam Name: DB2 9 Application Developer

Version: Demo

QUESTION 1
Which of the following applies to nickname usage?

A. Nicknames cannot be created for views.
B. An MQT definition cannot contain nicknames.
C. Nicknames cannot be specified in SQL/XML statements embedded in static SQL.
D. For each nickname referenced in a query, the authorization ID of the statement must have at least CONTROL authorization.

Answer: C

QUESTION 2
Given the following table:
EMP

EMPNO	NAME	DEPTNO	SALARY
0010	JOSH	D95	30000
0020	JENNA	D98	25000
0030	DYLAN	D95	10000
0040	TRACY	D90	33000

and the following trigger definition:
CREATE TRIGGER track_chgs
AFTER UPDATE ON emp
REFERENCING NEW_TABLE AS ntable
FOR EACH STATEMENT MODE DB2SQL
BEGIN ATOMIC
INSERT INTO changes
SELECT empno, current timestamp FROM ntable;
END;
After executing the following SQL statements:
UPDATE emp SET deptno = 'D98' WHERE deptno = 'D95';
INSERT INTO emp VALUES('0050', 'KEN', 'D90', 35000);
UPDATE emp SET salary=salary - 500 WHERE salary > 35000;
UPDATE emp SET salary=salary + 1000 WHERE salary <= 25000;
What value will be returned by this query?
SELECT count(*) FROM changes

A. 2
B. 3
C. 4
D. 5

Answer: C

QUESTION 3
After executing the following SQL statements:
CREATE TABLE tab1 (
col1 INT NOT NULL,
col2 CHAR(1),
PRIMARY KEY(col1));
CREATE TABLE tab2
(col1 INT ,
col2 CHAR(1),
FOREIGN KEY (col1) REFERENCES tab1(col1)
ON DELETE CASCADE
ON UPDATE NO ACTION);
INSERT INTO tab1 VALUES(1, 'A');
INSERT INTO tab1 VALUES(2, 'B');
INSERT INTO tab2 VALUES(3, 'A');
INSERT INTO tab2 VALUES(2, 'B');
UPDATE tab1 SET col1 = col1 + 1;
DELETE FROM tab1 WHERE col2 = 'B';
What values will be returned by the following SQL statement? SELECT col1, col2 FROM tab2

A. COL1 COL2
==== ====
2 'A'
B. COL1 COL2
==== ====
2 'B'
C. COL1 COL2
==== ====
3 'A'
D. COL1 COL2
==== ====
2 'B'
3 'A'

Answer: B

QUESTION 4
Three applications A, B, and C run concurrently and access the same table on a database server.
Application A inserts new data to the table. Applications B and C, among other processes, issue
two different queries against the table multiple times within their respective Units of Work (UOW).
Application A always receives an identical set of results from its query within the UOW, however,
almost every result set returned by a query to the application B within the UOW is different.
This is unacceptable and must be resolved. What would be the most efficient method ensuring
that data is read/reread with full consistency in application B?

A. Bind the application B with isolation level RR.
B. Bind the application B with isolation level RS.
C. Include the WITH RR clause in the query select statement of the application B.
D. Have the application B issue a share for read lock on the table for the duration of the query.

Answer: C

QUESTION 5
Which of the following trigger definitions will ensure that the city column, EMP_CITY, in the EMP
table always contains a string value with all upper-case characters when new rows are added?

A. CREATE TRIGGER upper_case_city
BEFORE INSERT ON emp
REFERENCING NEW AS n
FOR EACH ROW MODE DB2SQL
BEGIN ATOMIC
SET n.emp_city=UPPER(n.emp_city);
END
B. CREATE TRIGGER upper_case_city
BEFORE INSERT ON emp
REFERENCING NEW_TABLE AS n
FOR EACH STATEMENT MODE DB2SQL
BEGIN ATOMIC
SET n.emp_city=UPPER(n.emp_city);
END
C. CREATE TRIGGER upper_case_city
BEFORE INSERT ON emp
REFERENCING NEW AS n
FOR EACH ROW MODE DB2SQL
BEGIN ATOMIC
INSERT INTO emp
VALUES(n.emp_id, n.emp_name, n.emp_address, UPPER(n.emp_city));
END;
D. CREATE TRIGGER upper_case_city
INSTEAD OF INSERT ON emp
REFERENCING NEW AS n
FOR EACH ROW MODE DB2SQL
BEGIN ATOMIC
INSERT INTO emp
VALUES(n.emp_id, n.emp_name, n.emp_address, UPPER(n.emp_city));
END

Answer: **A**

QUESTION 6
Given the code:

```
try {
Class.forName("com.ibm.db2.jcc.DB2Driver");
conn = DriverManager.getConnection(url, user, pwd);
. . .
}
```

The conn variable represents an instance of which of the following classes?

A. Connection
B. DriverManager
C. DB2Connection
D. JavaConnection

Answer: A

QUESTION 7
Given the following code:

```
public static void javastp( int inparm,
int[] outparm,
ResultSet[] rs
)
throws SQLException
{
Connection con;
// fill in connection code
PreparedStatement stmt = null;
String sql = "SELECT value FROM table01 WHERE index = ?";
//Prepare the query with the value of index
stmt = con.prepareStatement( sql );
stmt.setInt( 1, inparm );
//Execute query and set output parm
rs[0] = stmt.executeQuery();
outparm[0] = inparm + 1;
//Close open resources
if (stmt != null) stmt.close();
if (con != null) con.close();
return;
}
```

Which of the following statements would correctly initialize the variable con?

A. con = DriverManager.getConnection("jdbc:default");
B. con = DriverManager.getConnection("jdbc:connection");
C. con = DriverManager.getConnection("default:connection");
D. con = DriverManager.getConnection("jdbc:default:connection");

Answer: D

QUESTION 8
Given the following EMPLOYEE table:

EMPNO	FIRSTNAME	LASTNAME
000010	CHRISTINE	HAAS
000020	MICHAEL	THOMPSON
000030	SALLY	KWAN
000050	JOHN	GEYER
000060	IRVING	STERN

If the following Java pseudo code is executed in the sequence shown below:
Class.forName("com.ibm.db2.jcc.DB2Driver");
Connection conn =
DriverManager.getConnection("jdbc:db2://mydb2:50000/sample", "db2user", "db2pwd");
String stmt = "SELECT * FROM employee ORDER BY empno";
PreparedStatement ps = conn.prepareStatement(stmt);
ResultSet rs = ps.executeQuery();
rs.afterLast();
What is the result of the afterLast() method call?

A. A SQLWarning is thrown.
B. An SQLException is thrown.
C. The cursor is positioned after the end of the resultset.
D. The cursor is positioned before the beginning of the resultset.

Answer: B

QUESTION 9
A developer uses DB2 Add-Ins for Eclipse and the DB2 Universal JDBC driver to write an
application that accesses DB2 for z/OS and DB2 for i5/OS. The New Database Connection
wizard returns the following error message when the database connection is attempted:
"Problems encountered while trying to establish connection xyz.
Explanation: 'No license present.'"
What is the most likely reason for this error?

A. The COM.ibm.db2.jcc.license class was not included in the project. B.
The user profile specified is not recognized by the target database.
C. The db2jcc_license_cisuz.jar file is not specified in the Java classpath.
D. The current user does not have the license required to log into the server operating system.

Answer: C

QUESTION 10
Given the following Java code snippet:
Connection con;
PreparedStatement pstmt;
int numUpd;

Which of the following illustrates the proper use of parameter markers?

A. UPDATE ? SET PHONENO = "55555" WHERE EMPNO = ?
pstmt.setString(1,"EMPLOYEE");
pstmt.setString(2,"000010");
B. UPDATE ? SET PHONENO = ? WHERE EMPNO = EMPLOYEE
pstmt.setString(1,"EMPLOYEE");
pstmt.setString(2,"4567");
C. pstmt = con.prepareStatement("UPDATE EMPLOYEE SET PHONENO = ? WHERE
EMPNO = ?");
pstmt.setString(1,"4657");
pstmt.setString(2,"000010");
D. pstmt = con.prepareStatement("UPDATE ? SET PHONENO = "5555" WHERE EMPNO
= ?");
pstmt.setString(1,"EMPLOYEE");
pstmt.setString(2,"000010");

Answer: C

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