

IBM 000-735

000-735 DB2 9.5 SQL Procedure Developer

Practice Test

Version 1.1

QUESTION NO: 1

Given the statement shown below:

```
SELECT ROW CHANGE TOKEN FOR dept, RID_BIT (dept)
FROM dept WHERE deptno = 'A00' WITH UR
```

Which two statements are true? (Choose two.)

- A. The statement is selecting two columns from DEPT table.
- B. The statement will allow the latest ROW CHANGE TOKEN value to be returned.
- C. The statement will allow the earliest ROW CHANGE TOKEN value to be returned.
- D. The statement will return a TIMESTAMP value.
- E. The statement uses optimistic locking.

Answer: B,E

QUESTION NO: 2

Which CREATE PROCEDURE statement option should be used if you plan on issuing a DECLARE GLOBAL TEMPORARY TABLE statement from within the SQL procedure body?

- A. CONTAINS SQL
- B. READS SQL DATA
- C. MODIFIES SQL DATA
- D. LANGUAGE SQL

Answer: C

QUESTION NO: 3

Click the Exhibit button.

MISSING EXHIBIT

```
CREATE PROCEDURE testproc( IN i1 INT, INOUT i3 INT)
SPECIFIC testproc
BEGIN
SET i3 = i1;
END
CREATE PROCEDURE testproc( IN i1 INT, INOUT i2 INT, INOUT i3 INT)
SPECIFIC testp
```

```
BEGIN
SET i3 = i1 * i2;
END
```

Given that the statements in the exhibits have executed successfully, which solution contains the complete set of commands that could be used to drop both procedures in the order presented?

- A. DROP PROCEDUREtestp;
DROP PROCEDURE testp;
- B. DROP PROCEDUREtestp;
DROP PROCEDURE testproc;
- C. DROP SPECIFIC PROCEDUREtestproc;
DROP PROCEDURE testproc;
- D. DROP PROCEDUREtestproc(INT);

Answer: C

QUESTION NO: 4

Click the Exhibit button.

MISSING EXHIBIT

```
CREATE FUNCTION sum(a INT, b INT)
RETURNS INTEGER
SPECIFIC sum_of_2
RETURN a + b;
CREATE FUNCTION sum(a INT, b INT, c INT)
RETURNS INTEGER
SPECIFIC sum_of_3
RETURN a + b + c;
```

Given the two functions in the exhibit, what is the correct command to invoke the function which calculates the sum of two numbers from an SQL procedure?

- A. SELECT sum_of_2 FROM table1;
- B. SELECTsum(2,4,?);
- C. SETres_sum = sum(2,6);
- D. CALLsum(?,?,?);

Answer: C

QUESTION NO: 5

Given the statements shown below:

```
DECLARE c_dept CURSOR WITH HOLD FOR  
SELECT * FROM dept;  
OPEN c_dept;
```

Which two conditions are true? (Choose two.)

- A. C_DEPT will remain open after a ROLLBACK.
- B. C_DEPT will remain open after a COMMIT.
- C. C_DEPT will be returned to the caller of the routine.
- D. C_DEPT will be positioned before the next logical row.
- E. All locks held by C_DEPT will be released after a COMMIT.

Answer: B,D

QUESTION NO: 6

Given the SQL statement shown below:

```
DECLARE test CURSOR FOR  
SELECT hiredate  
FROM employee  
FOR UPDATE;
```

Which statement correctly describes the cursor that is created?

- A. The cursor will be considered a read-only cursor.
- B. The cursor can only be used to perform positioned updates.
- C. The cursor can only be used to perform positioned deletes.
- D. The cursor can be used to perform positioned updates and deletes.

Answer: D

QUESTION NO: 7

Which statement can be used to define an array of 30 names that have a maximum size of 25 characters each?

- A. CREATE TYPE names ASVARCHAR(25) ARRAY[30];

- B. CREATE ARRAY names[30] VARCHAR(25);
- C. CREATE TYPE names[30] VARCHAR(25);
- D. CREATE ARRAY names AS VARCHAR(25);

Answer: A

QUESTION NO: 8

What will be the initial value of V_MAX in the declaration statement shown below?

```
DECLARE v_max DECIMAL(9,2);
```

- A. 0.0
- B. 2
- C. 9
- D. NULL

Answer: D

QUESTION NO: 9

Which statement should be used to declare an array with at most 10 elements of type INTEGER?

- A. DECLARE sub_total INTEGER[10];
- B. DECLARE sub_total[10] INTEGER;
- C. CREATE TYPE sub_total AS INTEGER[10];
- D. CREATE TYPE sub_total[10] AS INTEGER;

Answer: C

QUESTION NO: 10

What are two valid DECLARE statements in an SQL procedure? (Choose two.)

- A. DECLARE var1 INTEGER;
- B. DECLARE var1 DECIMAL [9];
- C. DECLARE var1 XML;
- D. DECLARE var1 CURRENT DATE;
- E. DECLARE var1[10] INTEGER;

Answer: A,C

QUESTION NO: 11

Which steps must be followed to return a result set from an SQL procedure?

- A. 1. Create the procedure using the DYNAMIC RESULT SETS clause.
2. Declare the cursor.
3. Open the cursor in the SQL procedure.
4. Close the cursor.
5. Return to the application.
- B. 1. Create the procedure using the DYNAMIC RESULT SETS clause.
2. Declare the cursor using the WITH RETURN clause.
3. Open the cursor in the SQL procedure.
4. Return to the application.
- C. 1. Create the procedure using the WITH RETURN clause.
2. Declare the cursor using the DYNAMIC RESULT SETS clause.
3. Open the cursor in the SQL procedure.
4. Return to the application.
- D. 1. Create the procedure using the WITH RETURN clause.
2. Declare the cursor using the DYNAMIC RESULT SETS clause.
3. Open the cursor in the SQL procedure.
4. Close the cursor.

Answer: B

QUESTION NO: 12

Which statement can be used to declare a variable inside an SQL procedure that can be used to represent a monetary value?

- A. DECLAREv_money MONEY;
- B. DECLAREv_money DOUBLE;
- C. DECLAREv_money DECIMAL(9,2);
- D. DECLAREv_money CURRENCY;

Answer: C

QUESTION NO: 13

What are two valid special registers? (Choose two.)

- A. CURRENT_CLIENT_ACCT
- B. CURRENT_SCHEMA
- C. CURRENT_PATH
- D. CURRENT_DATETIME
- E. CURRENT_PARTITION

Answer: B,C

QUESTION NO: 14

Which statement will successfully create an SQL procedure that returns the name of the current month?

- A.

```
CREATE PROCEDUREproc.current_month(OUT month VARCHAR(20))
BEGIN
DECLARE today DATE;
SET (today = CURRENT_DATE);
SET month = MONTHNAME(today);
END
```
- B.

```
CREATE PROCEDUREproc.current_month(OUT month VARCHAR(20))
BEGIN
DECLARE today DATE;
SELECT (CURRENT_DATE) INTO today;
SET month = MONTHNAME(today);
END
```
- C.

```
CREATE PROCEDUREproc.current_month(OUT month VARCHAR(20))
BEGIN
DECLARE today DATE;
VALUES (CURRENT_DATE) INTO today;
SET month = MONTHNAME(today);
END
```
- D.

```
CREATE PROCEDUREproc.current_month(OUT month VARCHAR(20))
BEGIN
SET month = MONTHNAME(SELECT (CURRENT_DATE))
END
```

Answer: C

QUESTION NO: 15

Which statement will assign the schema names "SYSIBM", "SYSFUN", "SYSPROC", and "SYSIBMADM" to the CURRENT_PATH special register?

- A. SET PATH = SYSTEM PATH
- B. SET CURRENT_PATH = DEFAULT
- C. SET PATH = SYSTEM DEFAULT
- D. RESET CURRENT PATH

Answer: A

QUESTION NO: 16

Given the variable declaration shown below:

```
DECLARE v_mydate DATE;
```

Which statement will assign a value to the variable V_MYDATE?

- A. VALUES CURRENT TIME INTOv_mydate;
- B. VALUES CURRENT TIMESTAMP INTOv_mydate;
- C. SELECT CURRENT TIMESTAMP INTOv_mydate FROM SYSIBM.SYSDUMMY1;
- D. SELECT CURRENT DATE INTOv_mydate FROM SYSIBM.SYSDUMMY1;

Answer: D

QUESTION NO: 17

Given the variable declaration shown below:

```
DECLARE v_mytime TIME;
```

Which statement will assign a value to the variable named V_MYTIME?

- A. SETv_mytime = TIME;
- B. VALUES CURRENT TIME INTOv_mytime;
- C. VALUES CURRENT TIMESTAMP INTOv_mytime;
- D. SETv_mytime = DATE;

Answer: B

QUESTION NO: 18

Which statement will change the value of a special register?

- A. UPDATE SPECIAL REGISTER TIME =12:30:00
- B. UPDATE SPECIAL REGISTER SCHEMA = 'DB2ADMIN'
- C. SET CURRENT TIME =12:30:00
- D. SET CURRENT SCHEMA = 'DB2ADMIN'

Answer: D

QUESTION NO: 19

What demonstrates the correct syntax for assigning three rows to the EMPNO, FIRSTNAME, and LASTNAME columns of a table named EMPLOYEE?

- A. INSERT INTO employee (empno, firstname, lastname)
VALUES (100, 200, 300, 'John', 'Jane', 'Paul', 'Doe', 'Smith', 'Jones')
- B. INSERT INTO employee (empno, firstname, lastname)
VALUES (100, 'John', 'Doe'), (200, 'Jane', 'Smith'), (300, 'Paul', 'Jones')
- C. SET (empno, firstname, lastname)
VALUES (100, 200, 300, 'John', 'Jane', 'Paul', 'Doe', 'Smith', 'Jones')
FOR employee
- D. SET (empno, firstname, lastname)
VALUES (100, 'John', 'Doe'), (200, 'Jane', 'Smith'), (300, 'Paul', 'Jones')
FOR employee

Answer: B

QUESTION NO: 20

Click the Exhibit button.

MISSING EXHIBIT

Given the following SQL procedure:

```
CREATE PROCEDURE test1 (IN someid CHAR(3), OUT status INT)
BEGIN
DECLARE SQLCODE INTEGER DEFAULT 0;
DECLARE count INTEGER DEFAULT 0;
SET status = 0;
IF (LENGTH(someid) < 3) THEN
RETURN -3;
GOTO exit;
ELSE
```

```
SELECT COUNT(deptno) INTO count FROM dept WHERE admrdept=someid;
IF(SQLCODE<>0) THEN
RETURN -1;
ELSE
SET status = COUNT;
RETURN 0;
END IF;
END IF;
exit:
RETURN -2;
END
```

Where the DEPT table consists of:

```
DEPTNO DEPTNAME
MGRNO ADMRDEPT
```

```
-----
A00 SPIFFY COMPUTER SERVICE DIV. 000010 A00
B01 PLANNING 000020 A00
C01 INFORMATION CENTER 000030 A00
D01 DEVELOPMENT CENTER - A00
D11 MANUFACTURING SYSTEMS 000060 D01
D21 ADMINISTRATION SYSTEMS 000070 D01
```

If the procedure TEST1 shown in the exhibit is called with the value 'A00' specified for the SOMEID parameter, what is the expected return code?

- A. 0
- B. -1
- C. -2
- D. -3

Answer: A

QUESTION NO: 21

Click the Exhibit button.

MISSING EXHIBIT

```
CREATE TABLE ar.sales
(customer_id INTEGER,
sales_amt DECIMAL(5,2),
```