



C2090-545^{Q&As}

DB2 9.7 SQL Procedure Developer

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**QUESTION 1**

Which statement is TRUE about associative arrays?

- A. Associative array values can be stored in table columns.
- B. The index values for an associative array must be a continuous set of integer values.
- C. Associative array cannot be a type of a table column.
- D. The index data type for an associated array must be an integer.

Correct Answer: C

QUESTION 2

Given the following script:

```
CREATE OR REPLACE VARIABLE nest_level INTEGER DEFAULT 0

CREATE OR REPLACE TRIGGER trig1
AFTER INSERT ON table1
FOR EACH STATEMENT
BEGIN ATOMIC
  INSERT into audit1 values(nest_level +1, 'FROM TRIGGER');
END

CREATE OR REPLACE PROCEDURE myproc (p1 int)
BEGIN
  SET nest_level = 1;
  INSERT INTO table1 VALUES ( p1 + nest_level,'TEST1');
END

call myproc(5)
```

What would be result from the SELECT * FROM audi1?

- A. NLEVEL MESSAGE 1 FROM TRIGGER
- B. NLEVEL MESSAGE 2 FROM TRIGGER
- C. NLEVEL MESSAGE 2 TEST1
- D. NLEVEL MESSAGE 5 FROM TRIGGER

Correct Answer: B

**QUESTION 3**

Which command can be used to optimize static SQL statements containing parameterized queries?

- A. SET CURRENT EXPLAINMODE=REOPT
- B. SET CURRENT EXPLAIN MODE=EXPLAIN
- C. SET CURRENT EXPLAIN MODE=YES
- D. SET CURRENT EXPLAIN MODE=PARAM

Correct Answer: A

QUESTION 4

In the stored procedure below:

```
CREATE PROCEDURE proc_labels (IN start_value INT, OUT p_ID INT)
s1: BEGIN
  DECLARE v_ID INT;
  s2: BEGIN
    DECLARE v_ID INT;
    SET v_ID = start_value;
    SET s1.v_ID = v_ID + s2.v_ID;
    SET v_ID = 3;
    SET p_ID = s2.v_ID;
  END;
END s1
```

What will the value of the P_ID parameter be if the procedure is invoked and a value of 2 is specified for the START_VALUE parameter?

- A. 1
- B. 2
- C. 3
- D. 4

Correct Answer: C

QUESTION 5

Which statement is permitted within a scalar user-defined function body?



- A. COMMIT
- B. INSERT
- C. SIGNAL
- D. LOOP

Correct Answer: C

QUESTION 6

In a SQL Procedure, rows_fetched is an integer variable and curEmp is a cursor variable of SELECT statement on a table. After opening the cursor curemp, which of the statements will determine the number of rows fetched?

- A. SET rows_fetched = curEmp%CURSOR_ROWCOUNT
- B. SET rows_fetched = curEmp%ROWCOUNT
- C. SET rows_fetched =CURSOR_ROWCOUNT(curemp)
- D. SET rows_fetched = ROWCOUNT(curemp)

Correct Answer: C

QUESTION 7

What values are generated each time an SQL statement is executed?

- A. SQLERRN and SQLMSG
- B. SQLSTATE and EXCEPTION
- C. EXCEPTION and SQLCODE
- D. SQLSTATE and SQLCODE

Correct Answer: D

QUESTION 8

Given the function shown below:



```
CREATE FUNCTION to_upper(string VARCHAR(50))  
RETURNS VARCHAR(50)  
SPECIFIC to_upper_fcn  
RETURN UCASE(string);
```

Which statement will execute successfully?

- A. SELECT to_upper('\\Seize the day!\\')
- B. SELECT * FROM to_upper_fcn('\\Seize the day!\\')
- C. SELECT to_upper('\\Seize the day!\\') FROM SYSIBM.SYSDUMMY1;
- D. SELECT * FROM TABLE(to_upper_fcn('\\Seize the day!\\')) AS T

Correct Answer: C

QUESTION 9

Which statement can be used to define variable that can be shared between procedures?

- A. DECLARE my_gl_var INTEGER DEFAULT 1
- B. CREATE OR REPLACE VARIABLE my_gl_var INTEGER
- C. DEFINE GLOBAL VARIABLE my_gl_var INTEGER
- D. CREATE GLOBAL VARIABLE my_gl_var

Correct Answer: B

QUESTION 10

Which of the following can be used to assign multiple values to a row data type variable?

- A. A SELECT * statement, a VALUES * statement, or a FETCH * statement.
- B. A SELECT INTO statement, a VALUES INTO statement, or a FETCH INTO statement.
- C. A DIRECT ASSIGNMENT statement.
- D. A VARIABLE VALUES statement.

Correct Answer: B

**QUESTION 11**

Which two statements are true? (Choose two.)

- A. SQL procedures can contain static and/or dynamic SQL statements.
- B. Static or dynamic SQL execution is not associated with a package.
- C. The SQL procedure is always associated with a package that contains access paths of SQL statements in the procedure.
- D. It is necessary for an end-user to have object level privileges if that user has execute privileges on an associated package and the SQL procedure.
- E. SQL procedures can have COMMIT or ROLLBACK within atomic compound statements.

Correct Answer: AC

QUESTION 12

Which two statements are true with regards to nesting SQL procedures? (Choose two.)

- A. An SQL procedure cannot invoke procedures built in other languages (e.g., C, Java).
- B. An SQL procedure can invoke the same SQL procedure more than once.
- C. An SQL procedure defined with the CONTAINS SQL clause can invoke an SQL procedure defined with the READS SQL DATA clause.
- D. An SQL procedure defined with the CONTAINS SQL clause can invoke an SQL procedure defined with the MODIFIES SQL DATA clause.
- E. An SQL procedure defined with the CONTAINS SQL clause can invoke an SQL procedure defined with the NOSQL clause.

Correct Answer: BE

QUESTION 13

Which statement will change the value of a special register?

- A. UPDATE SPECIAL REGISTER TIME = ?2:30:00?UPDATE SPECIAL REGISTER TIME = ?2:30:00
- B. UPDATE SPECIAL REGISTERSHEMA = '\\DB2ADMIN\\'
- C. SET CURRENT TIME = ?2:30:00?SET CURRENT TIME = ?2:30:00
- D. SET CURRENT SCHEMA = '\\DB2ADMIN\\'



Correct Answer: D

QUESTION 14

Click the Exhibit button.

```
CASE rating
WHEN 1 THEN
  UPDATE employee
  SET salary = salary * 1.10
  WHERE empno = v_employee_number;
WHEN 2 THEN
  UPDATE employee
  SET salary = salary * 1.05
  WHERE empno = v_employee_number;
ELSE
  UPDATE employee
  SET salary = salary * 1.03
  WHERE empno = v_employee_number;
END CASE;
```

Which statement is true about the CASE statement shown in the exhibit?

- A. An employee with a rating of 1 receives a 10% salary increase.
- B. An employee with a rating of 3 receives no salary increase.
- C. An employee with a rating of 2 receives a 3% salary increase.
- D. All employees will receive at least a 5% salary increase.

Correct Answer: A

QUESTION 15

Which SQL procedure declaration is coded correctly?

- A. CREATE PROCEDURE myproc(IN salary DOUBLE, OUT commission DOUBLE) BEGIN DECLARE EXIT HANDLER FOR SQLEXCEPTION SET commission = 0; DECLARE my_cur CURSOR FOR SELECT * FROM employee; DECLARE a DOUBLE; SET a = .06 * salary; SET commission = a; END
- B. CREATE PROCEDURE myproc(IN salary DOUBLE, OUT commission DOUBLE) BEGIN DECLARE EXIT HANDLER FOR SQLEXCEPTION SET commission = 0; DECLARE a DOUBLE; DECLARE my_cur CURSOR FOR SELECT * FROM employee; SET a = .06 * salary; SET commission = a; END
- C. CREATE PROCEDURE myproc(IN salary DOUBLE, OUT commission DOUBLE) BEGIN DECLARE a DOUBLE; DECLARE EXIT HANDLER FOR SQLEXCEPTION SET commission = 0; DECLARE my_cur CURSOR FOR SELECT *



FROM employee; SET a = .06 * salary; SET commission = a; END

D. CREATE PROCEDURE myproc(IN salary DOUBLE, OUT commission DOUBLE) BEGIN DECLARE a DOUBLE; DECLARE my_cur CURSOR FOR SELECT * FROM employee; DECLARE EXIT HANDLER FOR SQLEXCEPTION SET commission = 0; SET a = .06 * salary; SET commission = a; END

Correct Answer: D

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