

C2090-545^{Q&As}

DB2 9.7 SQL Procedure Developer

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QUESTION 1

Click the Exhibit button.

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 COMPJTER SERVICE DIV. 000010 A00
B01	PLANNING 000020 A00
C01	INFORMATION CENTER 000030 A00
D01	DEVELOPMENT CENTER -
	A00
D11	MANUFACTURNG 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

Correct Answer: A

QUESTION 2

In the given text below:

```
CREATE PROCEDURE calc_raise (IN rating INT, INOUT salary INT, OUT bonus INT)
BEGIN
  CASE
    WHEN rating >= 1 AND rating < 2 THEN
      SET SALARY = SALARY *1.10, BONUS = 1000;
    WHEN rating >= 2 AND rating < 4 THEN
      SET SALARY = SALARY *1.05, BONUS = 500;
    ELSE
      SET SALARY = SALARY *1.03, BONUS = 0;
  END CASE;
END
```

If the following statement is executed from the Command Line Processor:

```
CALL calc_raise(2, 5000, ?)
```

What will be the value of the output variable BONUS?

- A. 500
- B. 1000
- C. 5200
- D. 5500

Correct Answer: A

QUESTION 3

If this statement was used to create an SQL procedure named P_EXIT: What will the return status be?

```
CREATE PROCEDURE p_exit (IN p_in INTEGER, OUT p_out INTEGER)
BEGIN
  IF (p_in < 0) THEN
    SIGNAL SQLSTATE '70001' SET MESSAGE_TEXT = 'Custom SQL State';
  ELSEIF (p_in < 10) THEN
    RETURN 10;
  ELSE
    SET p_out = 20;
  END IF;
  RETURN 99;
END
```

- A. 10
- B. 20
- C. 99
- D. NULL

Correct Answer: C

QUESTION 4

Which option is used when declaring a global temporary table that will keep its data across transaction boundaries?

- A. ON ROLLBACK DELETE ROWS
- B. ON ROLLBACK PRESERVE ROWS
- C. ON COMMIT PRESERVE ROWS
- D. ON COMMIT DELETE ROWS

Correct Answer: C

QUESTION 5

Click the Exhibit button.

Table INFO1 contains the following data:

PERSON_NAME	AGE	HOBBY	DOB
John Smith	45	Reading	05/01/1963
John Brown	5	Skiing	07/01/1982
Sally John	50	Reading	04/21/1958
Rob Drake	15	VideoGames	02/01/1993
Betty Hoop	20	Shopping	04/11/1988
Bill Lee	29	Sailing	12/01/1978
Mary Pope	48	Shopping	04/21/1960

Procedure MOVE_DATA() is created as follows:

```
CREATE PROCEDURE move_data()  
BEGIN  
  FOR v1 AS SELECT person_name, age, hobby FROM  
  info1  
  DO  
    IF v1.age < 30 THEN  
      INSERT INTO info2 VALUES(v1.person_name,  
v1.hobby );  
    END IF;  
  END FOR;  
END
```

How many rows will be in table INFO2 after the procedure MOVE_DATA shown in the exhibit is executed?

- A. 0
- B. 4
- C. 5
- D. 7

Correct Answer: B