

Vendor: IBM

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Exam Name: Assessment: DB2 10.1 Fundamentals -

Assessment

Version: DEMO

QUESTION 1

What is the act of exchanging one lock an application holds on a resource for a more restrictive lock on the same resource known as?

- A. Lock escalation
- B. Lock substitution
- C. Lock switch/exchange
- D. Lock conversion/promotion

Answer: D

QUESTION 2

What isolation level prevents dirty reads, nonrepeatable reads, and phantoms?

- A. Read stability (RS)
- B. Cursor stability (CS)
- C. Repeatable read (RR)
- D. Uncommitted read (UR)

Answer: C

QUESTION 3

Which operation normally does NOT require an exclusive lock?

- A. BIND
- B. DROP
- C. GRANT
- D. SELECT

Answer: D

QUESTION 4

When a COMMIT statement is executed, what happens?

- A. All locks held on the database are automatically released.
- B. Data stored in global temporary tables is automatically deleted.
- C. Open cursors defined WITH HOLD are closed, but their data is retained.
- D. The current transaction is terminated and a new transaction boundary is started.

Answer: D

QUESTION 5

Which command is used to back out a subset of database changes that have been made within a unit of work?

- A. COMMIT
- B. ROLLBACK
- C. COMMIT TO SAVEPOINT
- D. ROLLBACK TO SAVEPOINT

Answer: D

QUESTION 6

An SQL function designed to convert temperatures from Fahrenheit to Celsius was created as follows:

```
CREATE FUNCTION conv_temp (IN temp_f FLOAT)
RETURNS INTEGER
NO EXTERNAL ACTION
SPECIFIC convert_ftoc
RETURN INT((temp_f - 32) / 1.8)
```

How can this function be used to convert average temperature (AVG_TEMP) data stored in a table called CLIMATE_INFO?

- A. CALL conv_temp(climate_info.avg_temp);
- B. CALL convert_ftoc(climate_info.avg_temp);
- C. SELECT conv_temp(avg_temp) FROM climate_info;
- D. SELECT convert_ftoc(avg_temp) FROM climate_info;

Answer: C

QUESTION 7

If a table named MY_TAB contains 100 rows and the following statement is executed:

```
DELETE FROM
(SELECT * FROM my_tab
ORDER BY col1 DESC
FETCH FIRST 5 ROWS ONLY) AS tmp;
```

What will happen?

- A. The last 5 rows in the table will be deleted.
- B. The first 5 rows in the table will be deleted.
- C. The statement will fail because a subquery cannot be used with a DELETE statement.
- D. The statement will fail because a table name was not specified with the DELETE statement.

Answer: A

QUESTION 8

Given an EMPLOYEES table and a SALES table, a user wants to produce a list of all employees and their associated revenue, even if no revenue exists. Which SQL statement will produce the desired list?

- A. SELECT employees.name, sales.revenue FROM employees INNER JOIN sales ON employees.id = sales.emp_id
- B. SELECT employees.name, sales.revenue FROM employees

INNER JOIN sales ON sales.emp id = employees.id

C. SELECT employees.name, sales.revenue

FROM sales

LEFT OUTER JOIN employees ON employees.id = sales.emp_id

D. SELECT employees.name, sales.revenue

FROM sales

RIGHT OUTER JOIN employees ON employees.id = sales.emp_id

Answer: D

QUESTION 9

Which two operations are allowed in the body of an SQL scalar user-defined function? (Choose two.)

- A. CALL statements.
- B. External file access.
- C. Use of a scratch pad.
- D. COMMIT statements.
- E. SQL control statements.

Answer: AE

QUESTION 10

Which command will delete all rows from a table without generating log records?

- A. TRIM
- B. DROP
- C. DELETE
- D. TRUNCATE

Answer: D

QUESTION 11

Which function can be used to obtain values from XML documents that are to be inserted into one or more tables?

- A. XMLTABLE
- B. XMLPARSE
- C. XMLEXISTS
- D. XMLATTRIBUTES

Answer: A

QUESTION 12

User USER1 wants to retrieve records from a table named EMPLOYEE that satisfy at least one of the following criteria:

- The employee's hire date (HIREDATE) is before 1999 and the employee's salary (SALARY) is less than \$40,000.00 a year.

- The employee has attended university

Which SQL statement will accomplish this?

A. SELECT * FROM employee

WHERE (hiredate < '1999-01-01' AND salary < 40000) OR (education = 'University')

B. SELECT * FROM employee

WHERE (hiredate < '1999-01-01') OR (salary < 40000) OR (education = 'University')

C. SELECT * FROM employee

WHERE (hiredate < '1999-01-01' OR (salary < 40000

AND (education = 'University')

D. SELECT * FROM employee

WHERE (hiredate < '1999-01-01' AND salary < 40000

AND (education = 'University')

Answer: A

QUESTION 13

Which SQL statement will retrieve the employee number (EMPNO), hire date (HIREDATE), and salary (SALARY) for each employee from a table named EMPLOYEE who was hired before 1998 and earns a salary of less than \$35,000.00 per year?

A. SELECT empno, hiredate, salary

FROM employee

FOR hiredate < '1998-01-01' AND salary < 35000

B. SELECT empno, hiredate, salary

FROM employee

WHERE hiredate < '1998-01-01' AND salary < 35000

C. SELECT empno, hiredate, salary

FROM employee

WHERE hiredate < '1998-01-01' OR salary < 35000

D. SELECT empno, hiredate, salary

FROM employee

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FOR hiredate < '1998-01-01' OR salary < 35000

Answer: B

QUESTION 14

If the following result set is desired:

LASTNAME	FIRSTNME	SALARY	JOB
HAAS	CHRISTINE	152750.00	PRES
KWAN	SALLY	98250.00	MANAGER
PULASKI	EVA	96170.00	MANAGER
THOMPSON	MICHAEL	94250.00	MANAGER
HENDERSON	EILEEN	89750.00	MANAGER

Which SQL statement must be executed?

- A. SELECT lastname, firstnme, salary, job FROM employee ORDER BY 3 FETCH FIRST 5 ROWS ONLY
- B. SELECT lastname, firstnme, salary, job FROM employee
 ORDER BY 3 DESC
 FETCH FIRST 5 ROWS ONLY
- C. SELECT lastname, firstnme, salary, job FROM employee ORDER BY 3 FETCH FIRST 5 ROWS
- D. SELECT lastname, firstnme, salary, job FROM employee
 ORDER BY 3 DESC
 FETCH FIRST 5 ROWS

Answer: B

QUESTION 15

Which statement about INSERT operations is true?

- A. The INSERT statement is used to insert rows into a table, view, or table function.
- B. Inserted values must satisfy the conditions of any check constraints defined on the table.
- C. If an INSERT statement omits any column from the inserted row that is defined as NULL or NOT NULL WITH DEFAULT, the statement will fail.
- D. If the underlying table of a view being referenced by an INSERT statement has one or more unique indexes, each row inserted does not have to conform to the constraints imposed by those indexes.

Answer: B

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