

Oracle 1Z0-171

Oracle Database 23ai SQL Associate

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Question: 1

Which SQL function calculates the number of months between two dates?
Response:

- A. DATE_DIFF
- B. MONTHS_BETWEEN
- C. TIME_DIFF
- D. DATE_CALC

Answer: B

Question: 2

What does the following SQL query do?
`SELECT * FROM employees WHERE salary > 5000 ORDER BY department_id;`

- A. Retrieves all employees with a salary greater than 5000, sorted by salary in ascending order
- B. Retrieves all employees, sorted by department ID
- C. Retrieves all employees with a salary greater than 5000, sorted by department ID in ascending order
- D. Retrieves employees with salary less than 5000, sorted by department ID

Answer: C

Question: 3

What happens when a unique index is created on a table column?

- A. The column can only contain NULL values.
- B. The column cannot contain duplicate values.
- C. The column values are automatically encrypted.
- D. The column data type is converted to a primary key.

Answer: B

Question: 4

What does a Cartesian product in SQL result from?

- A. A NATURAL JOIN without specifying join conditions
- B. An INNER JOIN without specifying join conditions
- C. An OUTER JOIN with NULL values

Answer: B

Question: 5

What is the default order of evaluation when multiple SET operators are used in a query?

- A. UNION, MINUS, INTERSECT
- B. INTERSECT, MINUS, UNION
- C. INTERSECT, UNION, MINUS
- D. UNION, INTERSECT, MINUS

Answer: C

Question: 6

What does the UNION ALL operation do when selecting matching columns from different tables?

```
SELECT employee_id, salary FROM employees  
UNION ALL  
SELECT employee_id, bonus FROM bonuses;
```

- A. Combines the salaries and bonuses for employees, removing duplicates
- B. Combines all employee IDs, salaries, and bonuses, including duplicates
- C. Returns only the employees with salaries and bonuses
- D. Returns only employees with duplicate employee IDs in both tables

Answer: B

Question: 7

How can a synonym benefit database design?

- A. It enforces constraints on table columns.
- B. It allows the renaming of columns in a table.
- C. It provides a consistent reference to database objects, even if their underlying names change.
- D. It improves query execution time.

Answer: C

Question: 8

Which type of join retrieves only the rows with matching values in both tables?

- A. CROSS JOIN
- B. INNER JOIN
- C. OUTER JOIN
- D. NATURAL JOIN

Answer: B

Question: 9

What does the NEXTVAL pseudocolumn do in SQL?

- A. Retrieves the current value of a sequence without incrementing it
- B. Retrieves the next value in a sequence and increments the sequence
- C. Resets the sequence to its starting value
- D. Deletes the sequence from the database

Answer: B

Question: 10

Which data dictionary view provides information about all the columns in tables accessible to the current user?

- A. USER_COLUMNS
- B. ALL_TAB_COLUMNS
- C. DBA_TAB_COLUMNS
- D. ALL of the above

Answer: D

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