

FY25 P10 AA Pre-hire SQL Foundation Extended Formative Assessment

1. All questions are compulsory.
2. Each question carries 1 point for correct answer (No negative Marking for any wrong answers.)

Points: 17/20 Time: 13:58

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✓ **Correct** 1/1 Points

Which of the following is a database object *

☒ All of the above

☐ Tables

☐ Index

☐ Synonyms

✓ **Correct** 1/1 Points

Explain plan _____ *

- ☐ Identify factors that are hampering performance
- ☐ Gives the internal details of a query execution
- ☐ helps to understand and compare the performance gain on different filter criteria
- ☒ All of these

✓ **Correct** 1/1 Points

Which of the following functions returns the any other desired value in case of NULL value? *

- ☐ NULLIF
- ☒ NVL
- ☐ COALESCE
- ☐ DECODE

✓ **Correct** 1/1 Points

Which of the following is True:

- I. Only one Primary key is allowed in a relation.
- II. Multiple Foreign keys can be there in a relation.
- III. Foreign key values can be duplicate.
- IV. Primary key values can not be duplicate. *

- ☐ I, II, and III
- ☒ I, II, III, IV

- ☐ II, VI
- ☐ I and II

✓ **Correct** 1/1 Points

How to Join Table A and Table B if we want only common records of these two tables to be considered? *

- ☐ A Full Join B
- ☒ A Inner Join B
- ☐ A Right Join B
- ☐ A Left Join B

✓ **Correct** 1/1 Points

Sub-query can be written in _____ clause of the outer select query *

- ☐ from clause
- ☐ where clause
- ☒ All of these
- ☐ select clause

✗ **Incorrect** 0/1 Points

ALTER TABLE command can not: *

- ☐ Remove existing column from table

- ☒ Modify existing column of table
- ☐ Add new row into the table
- ☐ Add new column into the table

✓ **Correct** 1/1 Points

Which of the following is not achievable with DBMS? *

- ☐ Secured environment for storing and managing data
- ☒ None of these
- ☐ Concurrency Control
- ☐ Data Sharing

✓ **Correct** 1/1 Points

Which clause helps in sorting data as per the requirement? *

- ☐ Having
- ☒ Order by
- ☐ Where
- ☐ Group by

✓ **Correct** 1/1 Points

Which of the following is a component of Relational Model *

- ☐ Column

- ☐ Relation
- ☒ All of these
- ☐ Tuple

✗ **Incorrect** 0/1 Points

Which of the following functions can operate on non-numeric data type as well? *

- ☐ Count
- ☐ None of these
- ☐ avg
- ☒ sum

✓ **Correct** 1/1 Points

Which of the following clause is optional in SELECT statement? *

- ☒ Where
- ☐ From
- ☐ None of these
- ☐ Select

✓ **Correct** 1/1 Points

Which of the following statement is true regarding views in DBMS? *

- ☒ all of these

- ☐ they helps in providing a chunk of data from a specific table
- ☐ data from multiple tables can come in a a view
- ☐ They are not stored in a memory

✓ **Correct** 1/1 Points

Which of the following is not a component of ER Model? *

- ☒ Relation
- ☐ Relationship
- ☐ attributes
- ☐ Entity

✓ **Correct** 1/1 Points

Which operator operates on multiple rows? *

- ☐ IN
- ☐ ANY
- ☐ ALL
- ☒ All of these

✓ **Correct** 1/1 Points

Which of the following functions can not operate on strings? *

- ☐ Concat
- ☐ Initcap
- ☐ Trim
- ☒ Round

✓ **Correct** 1/1 Points

NULL in relational database is equivalent to *

- ☐ 0 (Zero)
- ☐ Default value of the column
- ☒ None of these
- ☐ Empty string

✗ **Incorrect** 0/1 Points

Which is not true about Index in Relational Model *

- ☐ They help in performance improvement of the system
- ☐ one table can not have multiple indexes
- ☐ Index information is stored physically in a metadata
- ☒ Beneficial when most of the operations and read only

✓ **Correct** 1/1 Points

To_CHAR is used to convert a: *

- ☐ None of these
- ☒ Both, Number and Date to Character
- ☐ Number to Character
- ☐ Date to Character

✓ **Correct** 1/1 Points

Which type of schema is not available in DBMS? *

- ☒ Base schema
- ☐ View Schema
- ☐ Logical schema
- ☐ Physical Schema



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