QUALITY THOUGHT

DATABASE[SQL] – TEST-1

Name: _____ Batch No: _____

1) What is a database and advantages of using a database?

2) Explain of DBMS and RDBMS?

3) What is SQL?

4) Difference between Data and Information?

5) Difference between primary key and unique key?

6) What are the types of SQL commands?

7) Difference between DELETE, TRUNCATE and DROP?

8) What is DUAL table in Oracle?

9) What is CHECK constraint?

10) Why do testers need database knowledge?

11) What is an ERD? Main components of ERD?

12) What is an Attribute? Types of Attributes?

13) Who is a DBA? Responsibilities of a DBA?

14) How do you create a user in Oracle? Grant and Revoke privileges?

15) What does CRUD stand for? Explain CRUD operations.

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QUALITY THOUGHT

DATABASE[SQL] – TEST-2

Name: _____ Batch No: _____

1) Which SQL commands fall under DDL?

2) What is the purpose of the DESCRIBE command?

3) What is a primary key? Can a table have multiple primary keys?

4) What is the difference between UNIQUE and PRIMARY KEY?

5) What is the difference between RENAME and ALTER?

6) What is a constraint? Name different types of constraints?

7) How do you insert data into specific columns?

8) What happens if WHERE is not used in a DELETE statement?

9) Write a query to remove a column from a table.

10) What is the difference between COMMIT and ROLLBACK?

11) Which SQL commands cannot be rolled back and why?

12) List the different types of SQL operators.

13) Write a query to increase salary by 10% using an operator.

14) What are the different aggregate functions in SQL?

15) What is the purpose of the LIKE operator?

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QUALITY THOUGHT

DATABASE[SQL] – TEST-3

Name: _____ Batch No: _____

Note: It is mandatory to write SQL scripts for all required questions.

1) What is the DUAL table in Oracle Database? Real-time usage of DUAL table in projects.

2) Difference between IN and BETWEEN?

3) What are Arithmetic and Comparison operators?

4) What is SYSDATE? Difference between SYSDATE and URRENT_DATE?

5) What is the WHERE and ORDER BY clause?

6) What is GROUP BY and HAVING clause?

7) What is a nested query (subquery)? Types of subqueries in Oracle.

8) Difference between IN and EXISTS?

9) What is a view? Difference between view and table?

10) What is an index? Why are indexes used?

11) What is WITH CHECK OPTION? What is WITH READ ONLY in Views?

12) Difference between UPPER(), LOWER(), and INITCAP()?

13) What is the difference between delete and truncate commands?

14) Difference between CEIL() and FLOOR()?

15) Write a SQL query to list all employees who joined in the last year.

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