# What is an SQL virtual table that is constructed from other tables?

A relation

View

Query result

**The correct answer is "all of the mentioned."**

# Which of the following group function ignore NULL Values?

Max

Sum

Count

all of the mentioned

**The correct answer is "all of the mentioned."**

# When three or more AND and OR conditions are combined, it is easier to use the SQL keyword(s):

NOT IN only

LIKE only

IN only

Both IN and NOT IN

**The correct answer is "Both IN and NOT IN."**

# SELECT firstname, lastname, country, FROM employeeThis query will generate an Error Code because of the comma before the FROM Error Code:

1064

1175

2003

none of the above

**The correct answer is "1064"**

**Error Code 1064: This error indicates a syntax error in your SQL statement.**

# \_\_\_\_\_\_\_ is a constraint that can be defined only at the column level?

UNIQUE

NOT NULL

CHECK

PRIMARY KEY

The correct answer is "NOT NULL"

# In MySQL, which clause is used to filter rows in a SELECT statement?

a) ORDER BY

b) GROUP BY

c) HAVING

d) WHERE

The correct answer is "d) WHERE"

# A command that lets you change one or more fields in a record is?

Insert

Look-up

Update

all of the mentioned

The correct answer is "Update".

# With SQL, how do you select all the records from a table named "Persons" where the value of the column "FirstName" starts with an "a"?

SELECT \* FROM Persons WHERE FirstName LIKE '%a'

SELECT \* FROM Persons WHERE FirstName LIKE 'a%'

SELECT \* FROM Persons WHERE FirstName='a'

SELECT \* FROM Persons WHERE FirstName='%a%'

The correct answer is: "**SELECT \* FROM Persons WHERE FirstName LIKE 'a%'** ".

# NTILE() function works without an ORDER BY clause

TRUE

FALSE

**The correct answer is "True".**

The NTILE() function is used to divide the result set into a specified number of groups or buckets. If the ORDER BY clause is not specified, the function will order the rows based on an arbitrary order.

# With SQL, how do you select all the records from a table named "Persons" where the "FirstName" is "Peter" and the "LastName" is "Jackson"?

SELECT \* FROM Persons WHERE FirstName='Peter' AND LastName='Jackson'

SELECT \* FROM Persons WHERE FirstName<>'Peter' AND LastName<>'Jackson'

SELECT FirstName='Peter', LastName='Jackson' FROM Persons

**The correct answer is** : "SELECT \* FROM Persons WHERE FirstName='Peter' AND LastName='Jackson'"

# The SQL Statement. Select SUBSTR('123456789', INSTR('abcabcabc','b'), 4) from DOUAL;

1234

2345

56789

6789

**The correct answer is: "2345".**

* The **INSTR('abcabcabc','b')** function returns the position of the first occurrence of 'b' within 'abcabcabc', which is 2.
* The **SUBSTR('123456789', 2, 4)** function then extracts a substring from '123456789' starting at position 2 (which is '2') and of length 4, resulting in '2345'.

# Which keyword goes through a condition and return a value when a condition is met?

OR

CASE

IN

ORDER BY

The correct answer is "CASE".

# Which SQL statement is used to return only different values?

SELECT DISTINCT

SELECT UNIQUE

SELECT DIFFERENT

The correct answer is " SELECT DISTINCT ".

1. Which of the following query if run will Truncate the DataFlair table?

TRUNCATE DataFlair;

TRUNCATE TABLE DataFlair;

TRUNCATE TABLE;

None of these

The correct answer is **TRUNCATE TABLE DataFlair;**