Question: ***Perform the String Functions, Date functions and Mathematical functions supported.***

SQL> SELECT ASCII('t') FROM dual;

ASCII('T')

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116

SQL> SELECT ASCII('a') FROM dual;

ASCII('A')

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97

SQL> SELECT ASCII('A') FROM dual;

ASCII('A')

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65

SQL> SELECT ASCII('Z') FROM dual;

ASCII('Z')

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90

SQL> SELECT ASCII('z') FROM dual;

ASCII('Z')

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122

SQL> SELECT UPPER('bldea sb art and kcp science college') FROM dual;

UPPER('BLDEASBARTANDKCPSCIENCECOLLEG

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BLDEA SB ART AND KCP SCIENCE COLLEGE

SQL> SELECT LOWER('welcome to dbms lab') FROM dual;

LOWER('WELCOMETODBM

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welcome to dbms lab

SQL> SELECT LOWER('WELCOME TO DBMSLAB') FROM dual;

LOWER('WELCOMETODB

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welcome to dbmslab

SQL> SELECT REPLACE ('HELLO', 'H', 'K') FROM dual;

REPLA

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KELLO

SQL> SELECT REPLACE ('COMPUTER', 'C', 'K') FROM dual;

REPLACE(

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KOMPUTER

SQL> SELECT REPLACE ('HELLO', 'L', 'A') FROM dual;

REPLA

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HEAAO

SQL> SELECT TRIM('A' FROM 'ANACONDA') FROM dual;

TRIM('

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NACOND

SQL> SELECT LTRIM('ANACONDA', 'A') FROM dual;

LTRIM('

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NACONDA

SQL> SELECT RTRIM('ANITA', 'A') FROM dual;

RTRI

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ANIT

SQL> SELECT LTRIM('ANIL', 'A') FROM dual;

LTR

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NIL

SQL> SELECT RTRIM('ANACONDA', 'A') FROM dual;

RTRIM('

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ANACOND

SQL> SELECT CURRENT\_DATE FROM dual;

CURRENT\_D

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07-OCT-22

SQL> SELECT EXTRACT(YEAR FROM SYSDATE) FROM dual;

EXTRACT(YEARFROMSYSDATE)

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2022

SQL> SELECT EXTRACT(DAY FROM SYSDATE) FROM dual;

EXTRACT(DAYFROMSYSDATE)

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7

SQL> SELECT EXTRACT(MONTH FROM SYSDATE) FROM dual;

EXTRACT(MONTHFROMSYSDATE)

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10

SQL> SELECT SYSDATE FROM dual;

SYSDATE

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07-OCT-22

SQL> SELECT ABS(-100) FROM dual;

ABS(-100)

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100

SQL> SELECT ABS(-6) FROM dual;

ABS(-6)

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6

SQL> SELECT FLOOR(2345.78) FROM dual;

FLOOR(2345.78)

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2345

SQL> SELECT GREATEST(23, 67, 90, 123, 78, 50) FROM dual;

GREATEST(23,67,90,123,78,50)

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123

SQL> SELECT LEAST(34, 21,67,11,89,9) FROM DUAL;

LEAST(34,21,67,11,89,9)

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9

SQL> SELECT LENGTH('RAJESHWARI') FROM dual;

LENGTH('RAJESHWARI')

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10

SQL> SELECT LENGTH(17245637) FROM dual;

LENGTH(17245637)

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8

SQL> SELECT SQRT(16) FROM dual;

SQRT(16)

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4

SQL> SELECT SQRT(99) FROM dual;

SQRT(99)

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9.94987437

SQL> SELECT POWER(2, 4) FROM dual;

POWER(2,4)

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16

SQL> SELECT POWER(2, 10) FROM dual;

POWER(2,10)

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1024

SQL> SELECT ROUND(5.86) FROM dual;

ROUND(5.86)

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6

SQL> SELECT ROUND(1001.6) FROM dual;

ROUND(1001.6)

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1002

SQL> SELECT ROUND(1001.3) FROM dual;

ROUND(1001.3)

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1001

SQL> SELECT SIN(90) FROM dual;

SIN(90)

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.893996664

SQL> SELECT COS(45) FROM dual;

COS(45)

----------

.525321989

SQL> SELECT TAN(30) FROM dual;

TAN(30)

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-6.4053312

SQL> SELECT TAN(90) FROM dual;

TAN(90)

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-1.9952004

SQL> SELECT TAN(180) FROM dual;

TAN(180)

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1.33869021

SQL> SELECT SIGN(-128) FROM dual;

SIGN(-128)

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-1

SQL> SELECT SIGN(10) FROM dual;

SIGN(10)

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1

SQL> SELECT SIGN(0) FROM dual;

SIGN(0)

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0

SQL> SELECT LN(100) FROM dual;

LN(100)

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4.60517019

SQL> SELECT LN(10) FROM dual;

LN(10)

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2.30258509

SQL> SELECT LOG(10, 100) FROM dual;

LOG(10,100)

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2

SQL> SELECT LOG(100, 10) FROM dual;

LOG(100,10)

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.5

SQL> SELECT MOD(4, 3) FROM dual;

MOD(4,3)

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1

SQL> SELECT MOD(4, 2) FROM dual;

MOD(4,2)

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0

SQL> SELECT EXP(2) FROM dual;

EXP(2)

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7.3890561

SQL> SELECT EXP(-2) FROM dual;

EXP(-2)

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.135335283

SQL> SELECT EXP(0) FROM dual;

EXP(0)

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1