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Roll no :126 FYIT

PRACTICAL NO:- 6

A) Numeric function :-

1) Absolute :-

select abs(-9) from dual;

ABS(-9)
9

select abs(9) from dual;

ABS(9)
9

2) Ceil :-

select ceil(12) from dual;

CEIL(12)
12

select ceil(12.67) from dual;

CEIL(12.67)
13

3) Floor:-

select floor(12.17) from dual;

FLOOR(12.17)
12

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select floor(12) from dual;

FLOOR(12)
12

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4) Round

select round(12.17) from dual;

ROUND(12.17)
12

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select round(12.66) from dual;

ROUND(12.66)
13

5) Remainder:-

select remainder(13,3) from dual;

REMAINDER(13,3)
1

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6) Square root:-

select sqrt(25)from dual;

SQRT(25)
5

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7) Modules :-

select mod(25,4) from dual;

MOD(25,4)
1

8) Power :-

select power(5,5) from dual;

POWER(5,5)
3125

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9) Trunc :-

select trunc(1.2345,2) from dual;

TRUNC(1.2345,2)
1.23

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10) Exponential :-

select exp(2) from dual;

EXP(2)
7.3890560989306502272304274605750078132

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11) Log :-

select log(10,100) from dual;

LOG(10,100)
2

B) Character function :-

1) Lower :-

select lower('WELCOME') from dual;

LOWER('WELCOME')
welcome

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2) Upper :-

select upper('welcome') from dual;

UPPER('WELCOME')
WELCOME

3) Initcap:-

select initcap('Have a good day') from dual;

INITCAP('HAVEAGOODDAY')
Have A Good Day

4) Length :-

select length('Have a good day') from dual;

LENGTH('HAVEAGOODDAY')
15

5) Substr :-

select substr('Have a good day',4,10) from dual;

SUBSTR('HAVEAGOODDAY',4,10)
e a good d

6) Concat :-

select concat('Have a',' good day') from dual;

CONCAT('HAVEA','GOODDAY')
Have a good day

7) Instr :-

select instr('Welcome to my world','my') from dual;

INSTR('WELCOMETOMYWORLD','MY')
12

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8) Trim :-

select trim(leading '1' from '1123424') from dual;

TRIM(LEADING '1' FROM '1123424')
23424

select trim(trailing '4' from '1123424') from dual;

TRIM(TRAILING '4' FROM '1123424')
112342

select rtrim('12345432167', '7') from dual;

RTRIM('12345432167', '7')
1234543216

select ltrim('1123352', '1') from dual;

LTRIM('1123352', '1')
23352

9) Translate :-

select translate('12931893451234561', '14', '\$%') from dual;

TRANSLATE('12931893451234561', '14', '\$%')
\$293\$893%5\$23%56\$

10) Replace:-

select replace('12931893451234561', '31', '\$') from dual;

REPLACE('12931893451234561', '31', '\$')
129\$893451234561

11) Rpad:-

select rpad('wel', 10, '\$') from dual;

RPAD('WEL', 10, '\$')
wel\$\$\$\$\$\$

12) Lpad:-

select lpad('wel',7,'\$')from dual;

LPAD('WEL',7,'\$')
\$\$\$\$wel

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C) Date :-

1) Sysdate:-

select sysdate from dual;

SYSDATE
22-FEB-21

2) Next_Day:-

select next_day(sysdate,'monday') from dual;

NEXT_DAY(SYSDATE, 'MONDAY')
01-MAR-21

3) Last_Day:-

select last_day(sysdate) from dual;

LAST_DAY(SYSDATE)
28-FEB-21

4) Add_months:-

select add_months(sysdate,-1) from dual;

ADD_MONTHS(SYSDATE, -1)
22-JAN-21

5) Months_Between:-

select months_between('22-dec-21',sysdate) from dual;

MONTHS_BETWEEN('22-DEC-21',SYSDATE)
10

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select months_between(sysdate,'31-dec-2021') from dual;

MONTHS_BETWEEN(SYSDATE, '31-DEC-2021')
-10.27021953405017921146953405017921146953

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6) Systimestamp:-

select systimestamp from dual;

SYSTIMESTAMP
22-FEB-21 02.52.40.145146 PM +00:00

7) Current_date:-

select current_date from dual;

CURRENT_DATE
22-FEB-21

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