**Department of Computer Science and Engineering**

**Database Management System**

**Lab Assignment VI**

**Numeric Functions in SQL**

1. Find the absolute values of -52,52
2. Find the Smallest integer greater than , or equal to 9.8, -32.85, 0, 5 using Ceiling function.
3. Find the trigonometric cosine -3.14159
4. Find the exponential of the 1.
5. Find the largest integer greater than , or equal to 9.8, -32.85, 137 using Floor function.
6. Find the natural logarithm of the 2.7
7. Find Modulus of (14,5), (8,2.5), (-64,7)
8. Find Power of power(2,10), power(3,3),power(5,3),power(2,-3)
9. Find the round off values of these numbers up to given precision value round of 12345 up to -2 precision ,round of 12345.54321 up to 2 precision value.
10. Find the sign values of -2.3, 0, 47
11. Find the sin value of 1.57079 where this number in radians.
12. Find the tangent of 1.57079633/2 where this number in radians.
13. Find the truncate value of 123.456 to 2 digits of precision.
14. Find the Square root of 64, 49, 5

**Date format conversion**

1. Find the current date and time using sql function.
2. Add 3,-2 number of months to current date
3. Extract the year, month and day from the current date.
4. Find the last day of the month for the date.
5. Find the months between (1)'19-dec-2002' and '19-mar-2003'

(2) '19-dec-2002','19-mar-2002'

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**Asst. Professor(CSE)**

**Instr function**

select instr('this is trishna','is',1,2)

from dual