Functions: a to moved at the basis a sureful to TXT. SELECT EXP (-3) -+ 6-5 · UPPER - convert to uppercase . Upper (abc) = ABC · LOWER - Convert to lowercase. LOWER (ABE) = abc

· ABS - Absolute value of function. ABS (-5) = 5

· DEGREES - Convent readian to degree out anotes 4- 7920 .

· RADIANS -+ convert degrée to tradiano 101172

* Take input in Radiantoning of control + TESTASSAD * * COS (RADIANS()) = COS (RADIANS()) = TOTAL TOTA

· ACOS - to COST (non) = output will be in readian

STILL ILAST (215 1.8); = 1 · SIN

IN -+ Returns the notinal deganthm of a number. MICA.

ofol on and " • TAN --

· ATAN -

· ATAN -- CEIL - neturns the smallestificteger greater than on agual the given number.

· Madmon CELL (4.9) = 5 · FLOOR - refunns the largest integer less than on equal the given numbers.

· MOD -+ Returns the memainden of FLOOR (4.3) = 4

ivision like the operator 11. · DIV -> penform Integen Division like The up-

SELECT 10 DIV 3 - Calple = ()19

- EXP returns e raised to the power of a specified number. SELECT EXP (-3) -> e-3
- · POWER Returns the value of a number realised to the power of another number. . susmoud of travas + 730001.

SELECT POWER (21) 1 20 2 8 Word + 201

SART - Returns the square mot of a number.

SELECT SORT (16); - 16 74

- GREATEST Returns the greatest by yolve. From a list. SELECT GIREATEST (1,2,3,7,6,8); =8
- SELE 4 LEAST (2,5,1,8); 21
- Returns the natural doganithm of a number. MICA * LN z so loge +- HAT

- · LOGILO -> Reforms the base-10 logalithm/loft and number.
- · Louis Returns Lathe base-2 logarithm of al 10 number.
- · MOD Returns the remainder of the division another + 2001 · 1 not mgp (10,3) = 1
- · PI Returns the value of PI. appoint anothing + VIA Pt() 2 3.14159 -- 4 NIG OL TO HIE

- RAND returns a nondom floating point volve between
 o and 1
- ROUND → Rounds a number to a specified number of decimal
 Place.

• TRUNCATE - Triuncates a number to a specified number of declinal places.

- · COUNT -> Refunns the number of rows that matches a specific criferion.
 - SELECT COUNT(*) From Student; regions the number of nows in student table.
- · SUM -- Retorns the total sum of a numeric column.

SUM (Solony); - neturns the total of salary column of a table.

- AVGI → Retorns the average value of a numeric column.

 AVGI (304aty);
- · MIN -- Returns the smallest value in a column.
- · MAX -- returns the dangest value in a column.

GROUP BY To pentonin lealendation on groups of data

Sold of a tield. and only of plans

This will

count employees FROM Employees

in each deportment. GROUP BY Department ID;

deportment. GROUP BY Department ID;

ALTER THOLE Employees
ADD Bindhoote TATE;

* WHERE - Used to filter rows only, not works in case of groups.

SELECT Department ID, COUNT (*) AS Employee Court

FROM Employees

WHERE Proton Department ID 1:260

GROUP BY Department ID MMU/20

HAVING COUNT (*) Employee Court > 5;