COMMON FUNCTIONS IN MYSQL

A) NUMBER FUNCTIONS
B) STRING FUNCTIONS
C) DATE AND TIME FUNCTIONS

Common Number Functions

The numeric functions take a numeric input as an expression and return numeric values. The return type for most of the numeric functions is NUMBER.

MySQL
CEIL ( ), CEILING ( )
FLOOR ( )
GREATEST ( )
LEAST ( )
MOD ( )
POW (m, n), POWER (m, n)
ROUND ( )
SQRT ( )
TRUNC ( )

Question 1: Write a query to find a whole number that is greater than or equal to 12.5.

Question 2: Write a query to get a whole number that is less than or equal to 12.5.

Question 3: Write a query to display the greatest number in a list of 4, 8 and 2.

Question 4: Write a query to display the largest character value in a list of 'F', 'U', and 'B'.

Question 5: Write a query to display the smallest number in a list of 4, 8 and 2.

Question 6: Write a query to get the remainder of 10 modulo 4.

Question 7: Write a query to display the 2 raised to 3 power.

Question 8: Write a query to round 267.389 with 2 digits after decimal points.

Question 9: Write a query to display a square root of 100.

Question 10: Write a query to truncate 528.915 with 2 decimal places.

COMMON STRING FUNCTIONS

MySQL
CONCAT ( )
FORMAT ( )
LEFT ( )
LENGTH ( )
LOWER ( )
LPAD ( )
LTRIM ( )
REPLACE ( )
RIGHT ( )
RPAD ( )
RTRIM ( )
SUBSTR ( ), SUBSTRING ( )
TRIM ( )
UPPER ( )

Question 11: Write a query to concatenate first name and last name.

Question 12: Get four characters from the left side of string "Database".

Question 13: Write a query to display the country names that are greater than 10 characters in length.

Question 14: Write a query to display all the country names in lower case.

Question 15: Add the area code '706' to '352-7100'.

Question 16: Write a query to replace '.' with '-' for the phone field.

Question 17: Get four characters from right side of string "Database"

Question 18: Add 'vision' to the right side of string 'Tele'.

Question 19: Write a query to display the first three characters for the last name field.

Common Date and Time Functions

MySQL
CURRENT_TIMESTAMP
DATE_ADD ( )
EXTRACT ( )
CURRENT_DATE
PERIOD_DIFF ( )
SYSDATE ( )

Question 20 : Write a query to display current timestamp
Question 21 : Write a query to add one month to April 3rd, 2017

Question 22: Extract YEAR from April 4th, 2017

Question 23: Write a query to display the current date

Question 24: Write a query to display the number of months between 12/31/2015 to 12/02/2016.

Question 25: Write a query to display the system date.