

BRAIN INTERNATIONAL SCHOOL

SUBJECT: I.P.

CLASS-XII

June'2021

Unit 2 Database Query using SQL:

Q1. Fill in the blanks:

- a. A _____ is pre-defined set of commands that is used to perform a specific task and return values.
- b. The values that are provided to function is called _____ or _____.
- c. The _____ functions allows to manipulate the text from table or string passed as parameter to the function.
- d. The _____ function returns the character for the passed integer number.
- e. To display a specific word from a text, _____ function is used.
- f. The _____ function removes leading extra spaced from the text.
- g. To know the length of specified text, the _____ function is used.
- h. The _____ function accepts numeric values and returns numerical values as well.
- i. The _____ function returns remainder of specified two numbers.
- j. A _____ MySQL function returns square of the given number.
- k. Mr. Kalpesh wants to ignore the fractional part of the number. A _____ function will help him to serve his purpose.
- l. To know the square root of the given number in MySQL _____ function will be used.
- m. The _____ function returns only specified digits from the given digits.
- n. To convert the first letter of each word into capital, MySQL provides _____ function.

Q2. MCQs:

- a. Which following is not a category of MySQL functions?
 - i. Text Functions
 - ii. Mathematical Functions
 - iii. Statistical Functions
 - iv. Arithmetic Functions
- b. What is the output – select concat(5,5) :
 - i. 55
 - ii. 10
 - iii. 5
 - iv. 25
- c. Suppose playername and rank are the columns of an ODI_RANKING table. The user wants to print a record in this manner: Virat Kohli is ranked First. Where Virat Kohli is the player name and First is rank. Which of the following is the correct statement for the same:
 - i. select concat(playername, " is ranked ", rank) from ODI_RANKING where rank="First";
 - ii. select concat(concat(playername, " is ranked "),rank) from ODI_RANKING where rank = "First";
 - iii. select concat(concat(playername, " is ranked "),rank) where rank = "First" from ODI_RANKING ;
 - iv. All of these
- d. What is the output of – select char(73,67,69); –
 - i. ICE
 - ii. CAT
 - iii. ACE
 - iv. ECE
- e. Which of the following function can be used as lower(); –
 - i. lowercase()
 - ii. lower_case()
 - iii. lcase()
 - iv. l_case()

- f. What will be the output of – select substr(“Year2020”,4,4) –
 - i. 2020
 - ii. Year
 - iii.r202
 - iv.None of these
- g. What will the output of – select round(12345.678,0); –
 - i. 12345
 - ii. 12346
 - iii.12350
 - iv.12346.0
- h. What will be returned by sign(-15)
 - i. -15
 - ii. -1
 - iii.Negative 15
 - iv.15

Q3. True/False:

- a. Text functions cannot accept numbers as arguments.
- b. The concat() function make additions for two numbers.
- c. The substr() and instr() function returns similar output.
- d. The trim() function removes extra leading and trailing spaces from the text.
- e. The instr() function returns the index position of the specified word from selected string or text.
- f. The length() function ignore blank spaces from the text.
- g. When the string or text is null, length() function counts null as 1 character.
- h. The mid() function is synonym for substring() function.
- i. round() and truncate() functions returns the similar values.
- j. The sign() function returns the number with sign only.