# WORKSHEET-CBSE-12

## MYSQL, Revision-11

### Answer the following questions:-

1. In a table in MYSQL database, an attribute A of datatype varchar(20) has the value "Ratan". The attribute B of datatype char(20) has value "Kameswar". How many characters are occupied by attribute A and attribute B?

2. What will be the output of the following statement: print(3-2**2**3+99/11)

3. Select the correct output of the code:
   S="Computer final exam"
   L=S.split( )
   S1="-".join([L[0].upper(),L[1],L[2].capitalize()])
   print(S1)

4. In MYSQL database, if a table, Alpha has degree 5 and cardinality 3, and another table, Beta has degree 3 and cardinality 5, what will be the degree and cardinality of the Cartesian product of Alpha and Beta?

5. The code given below accepts a number as an argument and returns the reverse number. Observe the following code carefully and rewrite it after removing all syntax and logical errors. Underline all the corrections made.

```
define revNumber(num):
    rev = 0
    rem = 0
    While num > 0:
        rem ==num %10
        rev = rev*10 + rem
        num = num//10
        return rev
print(revNumber(1234))
```

6. Write a function countNow(PLACES) in Python, that takes the dictionary, PLACES as an argument and displays the names (in uppercase)of the places whose names are longer than 5 characters. For example, Consider the following dictionary
   PLACES={1:"Delhi",2:"London",3:"Paris",4:"New York",5:"Doha"}
   The output should be: LONDON
   NEW YORK

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