**MCQs:**

1. To start Python from the command prompt, use the command \_\_\_\_\_\_
   1. execute python
   2. go python
   3. python
   4. run python
2. Which of the following is correct about Python?
   1. It supports automatic garbage collection.
   2. It can be easily integrated with C, C++, COM, ActiveX, CORBA, and Java
   3. Both above
   4. None of the above
3. Which of the following will run without errors?
   1. round(45.8)
   2. round(6352.898,2,5)
   3. round()
   4. round(7463.123,2,1)
4. Given a function that does not return any value, what value is shown when executed at the shell?
   1. Integer
   2. Boolean
   3. Void
   4. None
5. Which module in Python supports regular expressions?
   1. re
   2. regex
   3. pyregex
   4. none of the above
6. What will be the output of the following Python code?

x- ‘abcd’

for i in range(x);

print(i)

* 1. a b c d
  2. 0 1 2 3
  3. Error
  4. None of the mentioned

1. What data type is the object below?

L=[1,23,’hello’1]

* 1. Array
  2. List
  3. tuple
  4. dictionary

1. What is the return value of trunc()?
   1. int
   2. bool
   3. float
   4. None
2. How are default arguments specified in the function heading?  
   1. identifier followed by an equal to sign and the default value
   2. identifier followed by the default value within backticks (“)
   3. identifier followed by the default value within square brackets ([])
   4. identifier
3. What will be the output of the following Python code?

>>> a=[(2,4),(1,2),(3,9)]

>>> a.sort()

>>> a

* 1. [(1, 2), (2, 4), (3, 9)]
  2. [(2,4),(1,2),(3,9)]
  3. Error because tuples are immutable
  4. Error, tuple has no sort attribute

**Programming questions:**

1. Write a program to accept ‘n’ numbers from user , store these numbers into an array. Find out maximum and minimum number from an Array.
2. Write a program to calculate the sum of first digit and last digit of a given number
3. Write a program to accept a string from user , delete all vowels from the string and display the result.
4. Write a program to accept a sentence from the user and reverse its each word.
5. Write a program to accept customer details such as : Account\_no, Name, Balance in Acount, Assume Maximum 20 Customer In the bank. Write a function to print the account no and name of each customer with balance below rs 100.
6. Write a program to swap the values of two variables.
7. Write a Program to accept ‘n’ numbers and store all prime numbers in an array and display the array.
8. Write a menu driven program in to perform the following operations on string using standard library functions --Calculate length of string --Reverse a given string --Concatenation of one string to another --Copy one String into another
9. Write a program to display the multiplication table of a given number.
10. Write a program to accept basic salary from user. If basic salary>=5000 then hra=15% and da=150% of basic salary. If basic salary >=5000 then hra=15% and da=150% of basic salary. If basic salary