

## **PYTHON – WORKSHEET 1**

## Q1 to Q8 have only one correct answer. Choose the correct option to answer your question.

- 1. Which of the following operators is used to calculate remainder in a division C) %
- 2. In python 2//3 is equal to?

B) 0

3. In python, 6 << 2 is equal to?

C) 24

4. In python, 6&2 will give which of the following as output?

A) 2

5. In python, 6|2 will give which of the following as output?

D) 6

- 6. What does the finally keyword denotes in python?
  - C) the finally block will be executed no matter if the try block raises an error or not.
- 7. What does raise keyword is used for in python?
  - A) It is used to raise an exception.
- 8. Which of the following is a common use case of yield keyword in python?
  - C) in defining a generator

## Q9 and Q10 have multiple correct answers. Choose all the correct options to answer your question.

9. Which of the following are the valid variable names?

A) abc

C) abc2

- 10. Which of the following are the keywords in python?
  - A) yield

B) raise

## Q11 to Q15 are programming questions. Answer them in Jupyter Notebook.

- 11. Write a python program to find the factorial of a number.
- 12. Write a python program to find whether a number is prime or composite.
- 13. Write a python program to check whether a given string is palindrome or not.
- 14. Write a Python program to get the third side of right-angled triangle from two given sides.
- 15. Write a python program to print the frequency of each of the characters present in a given string.