

# PYTHON – WORKSHEET 1

**Q1 to Q8 have only one correct answer**

**1)** Which of the following operators is used to calculate remainder in a division?

- A) #
- B) &
- C) %
- D) \$

**Ans :-** C) %

**2)** In python 2//3 is equal to?

- A) 0.666
- B) 0
- C) 1
- D) 0.67

**Ans :-** B) 0

**3)** In python, 6<<2 is equal to?

- A) 36
- B) 10
- C) 24
- D) 45

**Ans :-** C) 24

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

- A) 2
- B) True
- C) False
- D) 0

**Ans :-** A) 2

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

- A) 2
- B) 4
- C) 0
- D) 6

**Ans :-** D) 6

**6)** What does the finally keyword denotes in python?

- A) It is used to mark the end of the code
- B) It encloses the lines of code which will be executed if any error occurs while executing the lines of code in the try block.
- C) The finally block will be executed no matter if the try block raises an error or not.
- D) None of the above

**Ans :-** 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
- B) It is used to define lambda function
- C) it's not a keyword in python.
- D) None of the above

**Ans :-** A) It is used to raise an exception

**8)** Which of the following is a common use case of yield keyword in python?

- A) in defining an iterator
- B) while defining a lambda function
- C) in defining a generator
- D) in for loop.

**Ans :-** A) in defining an iterator

***Q9 and Q10 have multiple correct answers***

**9)** Which of the following are the valid variable names?

- A) \_abc
- B) 1abc
- C) abc2

D) None of the above

**Ans :-** A) \_abc & C) abc2

**10)** Which of the following are the keywords in python?

A) yield

B) raise

C) look-in

D) all of the above

**Ans :-** A) yield & B) raise

### **Q11 and Q15 are programming questions.**

**= Open Jupiter notebook file Python - Worksheet- 1 =**

**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.