

## PYTHON WORKSHEET 2

1. Which of the following is not a core datatype in python?

**B) struct**

2. Which of the following is an invalid variable name in python?

**C) 1\_no**

3. Which one of the following is a keyword in python?

**A) in**

4. In which of the following manner are the operators of the same precedence executed in python?

**A) Left to Right**

5. Arrange the following in decreasing order of the precedence when they appear in an expression in python? i) Multiplication ii) Division iii) Exponential iv) Parentheses

**C) iv – iii – ii – i**

6.  $(28//6)**3/3\%3 = ?$

**C) 0.3333...**

7. `a = input("Enter an integer")`. What will be the data type of a?

**B) str**

8. Which of the following statements are correct?

**B) Python's operators' precedence is based on PEDMAS**

**D) In case of operators' having the same precedence, the one on the left side is executed first.**

9. Which of the following is(are) valid statement(s) in python?

**A) `abc = 1,000,000`**

**C) `a,b,c = 1000, 2000, 3000`**

**D) `a_b_c = 1,000,000`**

10. Which of the following is not equal to x16 in python?

**C)  $x^{16}$**

11. Differentiate between a list, tuple, set and dictionary.

***The basic difference between List, tuple, set and dictionary in python is that a list is a collection of data that has been ordered. A tuple is a data collection that is ordered. A set is a collection that is not ordered. A dictionary is an unsorted data collection that stores information in key-value pairs.***

12. Are strings mutable in python? Suppose you have a string "I+Love+Python", write a small code to replace '+' with space in python.

***Strings are immutable in python.***

***s="I+Love+Python"***

***(" ").join(s.split("+"))***

13. What does the function ord() do in python? Explain with an example. Also, write down the function for getting the data type of a variable in python.

***The Python ord() function returns the Unicode value from a given character, this Unicode value is represented as an integer.***

***The syntax of ord() is: ord(ch). Where, ch is a unique code character.***