

## **PYTHON – WORKSHEET 1**

## O1 to O8 have only one correct answer. Choose the correct option to answer your question.

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	1.	Which of the following operators is used to	calculate remainder in a division?	
		A) #	B) &	
		C) %	D) \$	
	2.	In python 2//3 is equal to?		
		A) 0.666	B) 0	
		C) 1	D) 0.67	
	3.	In python, 6<<2 is equal to?		
		A) 36	B) 10	
		C) 24	D) 45	
4.		In python, 6&2 will give which of the following as output?		
		A) 2	B) True	
		C) False	D) 0	
5.		In python, 6 2 will give which of the following as output?		
		A) 2	B) 4	
		C) 0	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 of code in the try block.	be executed if any error occurs while executing the lines	
		C) the finally block will be executed no man	ter if the try block raises an error or not.	
		D) None of the above	DDADA	
	7.	What does raise keyword is used for in pytl	non?	
		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	
	8.	Which of the following is a common use ca	se 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.	
Q9	and	d Q10 have multiple correct answers. Cho	ose all the correct options to answer your question.	
	9. Which of the following are the valid variable names?			
	·	A) _abc	B) 1abc	
		C) abc2	D) None of the above	
	10	Which of the following are the keywords in	,	
	10.	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.

C) look-in

- 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.

D) all of the above

## **ANSWERS**

- 1. C
- 2. B
- 3. C
- 4. A
- 5. D
- 6. C
- 7. A
- 8. C
- 9. A, C
- 10. A, B