

## **PYTHON-WORKSHEET1**

## ${\bf Q1} to {\bf Q8} have only one correct \ answer. \ Choose the correct option to answer your question.$

1.	Whichofthefollowingoperators is used to calculate remainder in a division?	
	A) #	B)&
	C)%	D)\$
	Ans.c	
2.	Inpython2//3isequalto?	
	A) 0.666	B)0
	C)1	D)0.67
	Ans.d	
3.	Inpython,6<<2isequalto?	
	A) 36	B)10
	C)24	D)45
	Ans.c	
4.	Inpython,6&2 willgivewhichofthefollowingasoutput?	
	A) 2	B) True
	C)False	D)0
	Ans.a	
5.	Inpython,6 2 willgivewhichofthefollowingas output?	
	A) 2	B)4
	C)0	D)6
	Ans.d	
6.	Whatdoesthefinallykeyworddenotesinpython?	
	A) It is used to mark the end of the code	
	B) Itenclosesthelines of codewhich will be execute block.	edifanyerror occurswhileexecutingthe linesofcodein the try
	C) the finally block will be executed no matter if the t	ryblockraisesanerrorornot
		•
	Ans.c	PROBO
7.	Whatdoesraisekeywordisusedforinpython?	
	A) Itisusedtoraiseanexception.	B)It isusedtodefinelambdafunction
	C)it'snotakeywordinpython.	D)Noneoftheabove
	Ans.a	
8.	Whichofthefollowing is a commonuse case of yield keyword in python?	
	A) indefininganiterator	B)whiledefiningalambdafunction
	C)indefiningagenerator	D)inforloop.

Ans.c

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

9. Whichofthefollowingarethevalidvariablenames?

A) \_abc B) 1abc

C)abc2 D)Noneoftheabove

Ans. a and c

10. Which ofthefollowingarethekeywords inpython?

A) yield B) raise

C)look-in D)alloftheabove

Ans .a and b

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

- 11. Writeapythonprogramtofindthefactorialofanumber.
- 12. Writeapythonprogramtofindwhetheranumberisprimeorcomposite.
- 13. Writeapythonprogramtocheckwhetheragivenstringispalindromeor not.
- 14. WriteaPythonprogramtogetthethirdside ofright-angledtrianglefromtwogivensides.
- 15. Writeapythonprogramtoprintthefrequencyofeachofthecharacterspresentinagivenstring.