Standard 12

Time: 3.00 Hrs.	COMPUTER	SCIEN
Illie, s.		

Marks: 70

PART - A

				12×1-12
Ch	oose the correct a	nswer:		· 10 10 3 40 10 10
1) Which one of the	following is a pure	function	d) All of these
_	str len ()	b) Random	c) Date	ate subprogram is
2	To process of sub	dividing a compute	c) Date r program into separ	
-	called pro	ogramming.	· · · · · · · · · · · · · · · · · · ·	d) oop
	V-sedular	h) sequential	c) structured	
. 21	To execute pythol	n script press		a) F9
3)	a) F2	b) F5	c) F7	
4	The typical amoul	nt of indentation fo	r python is	d) 3
4)	The typical and	b) 4	c) 8	4,5
	a) 7 Which statement	a coperally used as	s placeholder?	d) goto
5)	Which statement	b) break	c) pass	u) got
	a) continue	b) break I is used to exit a fu	inction block.	1)40
6)	keyword	Is used to over	c) break	d) goto
	a) def	(b) return	(list [-2]) will give t	he result
7	Let listn = $[3, 6, 9]$	17 151, 111011 81111	-	d) 15
	3) 6	U) 12	. ()	The state of the s
· ′ 8	A tuple is also kno	own as	c) attribute	d) field
Ĭ	a) table	b) row	be structure of the li	able?
(9) Which command	is used to change t	he structure of the la	d) ORDER BY
				•
10	a) SELECTby default "skip in	nitial space" has a ve	alue	d) 7
11)	Making some char	nges in the data of	the existing file or a	Juling more data is
11)				
	4	b) Appending	c) Modification	a) Correction
12)	which modules allo	ows python to interfa	ace with the windows	operating system.
12)	William Inodules and	h) svs	c) csv	d) getopt
		J. Handuplicate?		
13)	Which clause avoid	by DEMOVE	c) WHERE	d) GROUP BY
	a) DISTINCT	D) KEMOVE	god for installing DV	thon package.
14)	is a mana	agement software u	ised for installing py	d) nlt show()
	a) matplot lib	b) pip	c) bybior	a) pic.silow()
15)	Creating object to	a class is known as	<u> </u>	
	a) construction	b) instantiation	c) initialisation	d) creation
			b	

PART - B

II. Answer ANY SIX from the following questions. Qn.no. 24 is compulsory.

6×2=12

16) What is subroutine?

17) What is a pair? Give example.

18). What is a token? List the tokens.

19) What is a loop? What are the types of loops?

20) What is base condition in recursive function?

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How will you create constructor in python? Give example. 22) What is normalisation? 23) What is the use of write row () and write rows () methods. Differentiate Compiler and Interpreter. PART - C $6 \times 3 = 18$ III. Answer ANY SIX from the following questions. Qn.no. 33 is compulsory. 25) List the characteristics of algorithm. 26) What is a literal? What are the types of literals in python? 27) a) Write a python code to print the following output: A B A B C ABCD D E (OR) b) Differentiate del and clear () in dictionary with example. 28) What are the rules for "global" keyword? 29) What is the use of format() function? Give example. 30) Explain Cartesian product with an example. 31) Write a python code to read a csv file with the default delimiter (,) comma. 32) List the types visualisation in matplotlib. 33) What is the use of 'SAVE POINT' command? PART - D $5 \times 5 = 25$ IV. Answer the following questions: 34) a) Write notes on Binary search with suitable example. (OR) What is data abstraction? How abstraciton is implemented? Explain with an example. 35) a) Describe in detail about the script mode programming in python. (OR) b) Explain the following built-in-functions (i) abs () (ii) bin () (iii) chr () (iv) type () (v) pow (). 36) a) Explain the set operators with suitable example. (OR) b) Write a python program to illustrate the private and public variables and Explain. 37) Write notes on the different types of constraints and their functions with suitable examples. (OR) b) Tabulate the different mode to open a python file with its meaning. 38) a) Explain each pharse (word) the following command. python <file name.py> -i<c++ file name without cpp extension> (OR)

Kindly send me your questions and answerkeys to us: Padasalai.Net@gmail.com

b) Explain the various buttons and their uses in matplot lib window.