SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY, TUMAKURU

(A constituent college of Sri Siddhartha Academy of Higher Education, Tumakuru)

CS4TH4: Programming with Python

Date:10/05/2022 TEST 1 Time: 3:00 PM	to 4:0	00 PI	M
Answer all the questions Maximum	n Ma	rks:	30
	M	C	В
 Identify and explain the type of error in each of the following python statements: i. >>>celcius=37 	6	1	2
>>>fahrenheit=9/5*(celcius-32) ii. >>>n=5			
>>7 = n			
iii. >>>a=4 >>>b=0 >>>c=a // b			
What is the difference between / and // operators in python? Develop a python program to convert the given number of Seconds to Hours, Minutes and Seconds.	6	1	2
Interpret the output of the following python statements: i. >>>int("23 bottles") ii. >>>"Hello" * 3 iii. >>> 2 ** 2 ** 3	6	2	2
Construct python code snippets for the following: iii) To count the digits 0 and 5 in a given number. iv) To find the sum of the elements in a list.	6	2	3
Develop a Python program that generates multiplication table of given size.	6	2	3

NOTE: M-Marks, C-Course Outcome and B-Bloom's level

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				0	O						
Date:07/06/2022		2022	TEST 2			Time: 3:00 PM to 4:00 PM					
Answer all the questions Maximum				num	m Marks:30						
									M	C	B
1	a)	op Python function To remove all To count the ring.	the v	owels fro	om a st	ring.	appea	ırs	6	4	3
2	each: a) b)	n the following find() split() format()	g strin	g method	ds with	an exa	mple f	or	6	3	2
3	What are tuples? Develop a Python program to sort a list of tuples based on the sum of elements in each tuple.					ist	6	4	3		
4							6	3	5		
	a)	a_list = ["a", a_list[1:3] = print(a_list)			e", "f"]					
	b)	a_list = ["a", a_list[1:1] = print(a_list)		-							
	c)	fruits=["bana for (i, v) in en print(i, v)	numei		_	"lemon	."]				
5	examp a) b)	in the follow ble. keys() values() items()	ving	dictiona	ry m	ethods	with	an	6	3	2

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CS4TH4: Programming with Python

Date	te:28/06/2022 TEST 3	Time: 3:00 PM to 4:00 PM					
Ans	nswer all the questions	Maximu	n M	larks	:20		
4			M		F		
1	Develop Python code snippets to peoperations:	erform the following	5	4	3		
	a) Reading a file one line at a tirb) Reading the whole file at one						
2	What are the different ways of Explain them with suitable Python co		5	2	2		
3	The is the difference octiveen.		5	3	2		
	Demonstrate the set operations uni difference with a suitable Python cod						
4	Develop a Python program to draw number of sides. The program show appropriate exception when the rangetive.	ald raise and handle	5	4	3		

NOTE: M-Marks, C-Course Outcome and B - Bloom's level