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Class	•	1	·
Class	٠		Sec.

Register				
Number	8.3.	4.7		

COMMON QUARTERLY EXAMINATION-2024-25

Time Allowed: 3.00 Hours]	COMP	UTER SCIENCE		[Max. Marks : 70
Note : i) All the questions.				15X1=15
ii) Choose the most	appropri	ate answer from the g	iven four alte	
the option code and the c	orrespond	ding answer.		
 The small sections of code the 			task is called	
(a) Subroutines	(b) Files	(c) Pseudo code		
2. The functions which will give e				
(a) Impure functions		(b)Partial Function		
(c) Dynamic Functions		(d)Pure functions		
3. Which of the following function	ns that retr			
	(b) Select		(d) Nested	
4. Containers for mapping name				
· · · · · · · · · · · · · · · · · · ·		ng (c) Binding	(d) Namesp	aces
5. Which of the following members				
(a) Public members		(b)Protected mer		
(c) Secured members	1	(c) Private memb		
6. Two main measures for the e	efficiency of			
(a) Processor and memory		(b)Complexity an	d capacity	
(c) Time and space		(d)Data and space		
7. The Python prompt indicates	that Interpr			
		(c)#	(d) <<	•
8. What is the output of the follo				
i=1	, , , , , , , , , , , , , , , , , , ,	William Village	1	
while True:				
if i%4 ==0:				
break				
print(i,end=	:")		Service Services	
i +=1				
(a) 12	(b) 123	(c) 1234	(d) 124	
9. Which of the following keywor				
	(b) for	(c) finally	(d) def	
10. Which of the following is the			e?	
str1="TamilNadu"		(7%)	•	
print(str1[::2])				
	(b) Tmlau	(c) udanlimaT	(d) udaNlim	aT
11. Which of the following function	n is used t	o count the number of	elements in a	list?
	(b) find()	(c) len()	(d) index()	
12. Which of the following Pyth		can be used to add	more than one	element within an
existing list?			more than one	o cicinent thain an
(a) append()		(b)append_more	Δ.	
(c) extend()		(d)more()	'	
13. Class members are accesse	d through y			
	(b) .	(c)#	(4) 04	
14. Which of the following is the			(d) %	
print (pow(2*2,2))			G f	
	(b) 4	(c)8	(d) 16	
	(-/	(0/0	(d) 16	KK/12/C.S/1

		ch of the followin	g key is used (b)		(c) F8	r program? (d)	E5	
. (a) F	1	(D)		PART - II	(u)		
11 /	nou	er any 6 of Qu	estions Q.N					6x2=12
	*	at is a Subroutin						
		at is a Pair? Give).				
		at is Mapping?	,				Commence of the second	
		at is Sorting?			rece r e			
		te short notes or	Tokens.		tronk.			* *
21.	Def	ine Control Struc	cture.					
22.	Wh	at is Function?						
23.	Writ	te a python Prog	ram to find t	he length	of a String.			
24.	Wh	at will be the val	ue of x in foll	owing pyt	hon code?			×
		List1=[2,4,6,[1,3	3,5]]					
		x=len(List1)					(P A =	
					ART - III	3.4.18		
		er any 6 of Qu		and the second	compulsory.	*		6x3=18
		erentiate Pure a						
		erentiate Concre			tract datatype			
		y access Contro				4		
		te a note on Asy	The second second	THEY IN THE				
	-	lain Ternary ope	1	amples.				
		te the syntax of						
		te a Python code				eap year or i	101.	
		at are class men						
აა.		at will be the Ou	•		ode.			
	DIC	$t = \{ x : 2 * x \text{ for } :$	c iii range(i,		ART - IV			
· IV	Δnev	ver all the Que	stions					5x5=25
		What are called		and write	a note on:	. Con		070-10
٠	(α)	(i) Parameter				eter with Typ	Δ.	
		(i) i didiliotor	minout Type		(OR)	ctci with typ	•	
	(b)	What is a List?	Why List car	be called		plain with sui	table example	
35.	(a)							
					(OR)		Pict	
	(b)	Explain the Bub	ble sort algo	rithm with				
36.		Explain input()	The second secon					
					(OR)			
	(b)	Explain the diffe	erent Set Op	erations s		ovthon with s	uitable example.	
37.	(a)	Write a program	to display a	all 3 digit of	odd numbers.		and oxemple.	
					(OR)			
	(b)	Explain the follo	wing Built-in	Functions				
		(i) id()	(ii) abs()	(iii)		(iv) mi	n() (v) sum()	
38.	(a)	Explain about S	tring Operato		on with suita	ble example	(1) 50(11()	
					(OR)			
	(b)	Explain about C	onstructor a	nd Destru	ctor with suit	able example		
							KK	/12/C.S/2