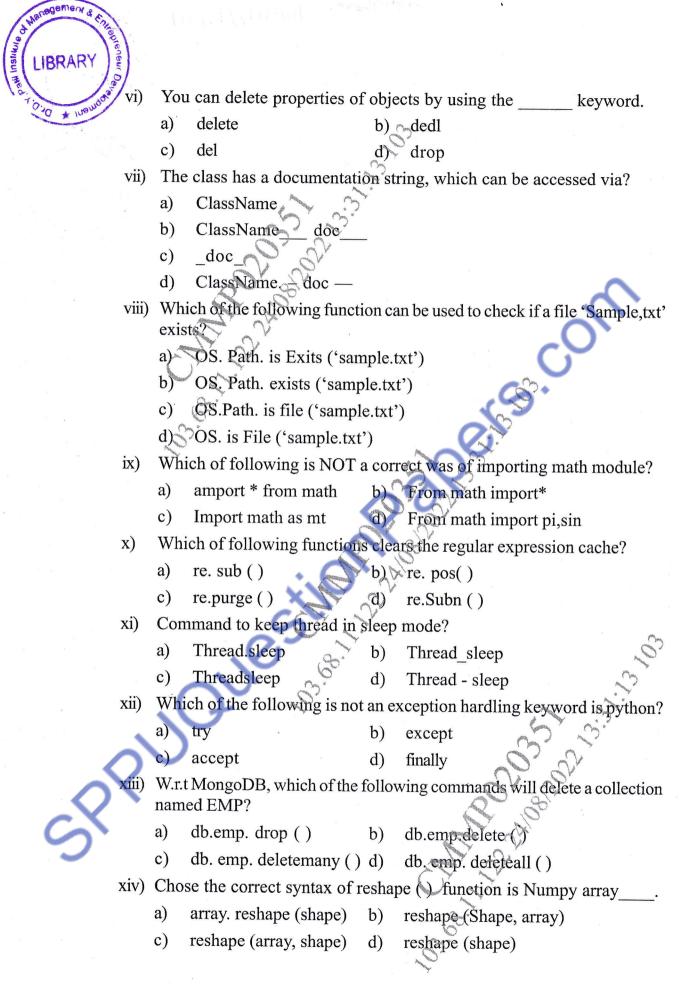
Tota	al No	o. of Q	Questions : 5]			SEAT	No.:		
P6	983	3		[5865] -201			[Total No. of Pages : 5		
		, 14		[3603] - Z. C.A. (Man		ement)			d Man
			IT21-PYTH						Institute
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		½ Hoi	-	,			IN	Iax. Mar	ks · 50
Inst	ructi 1)		the candidates:				2		.5.20
	<i>1) 2)</i>	Au Ç Figu	Questions are compulsor ares to the right indicate	y. full marks					
	3)	Ansı	ver all subquestions at o	ne place,				11.	
		, in					C))	
Q1)	Ch	oose	the correct option. (1/2	2 mark eac	h)	C	Ś		[10]
	i)	WI	nich type of programı	ning does	pytl	non support?			11
		a)	Object-oriented pro						
		b)	Structured program	ming					
		c)	Functional program	ming		SV.			
		d)	all of the mentioned	100V	<i>3</i> 00	••>			
	ii)	Wh	ich keyword is used f	or function	in	python langu	iage?		
		a)	function	Y N I	o)	def			
		c)	fun		(h	define			2
	iii)	Wh mat	ich of the following plotlib to-png file for	function is nat?	us	ed to export	graph	generat	ed in
		a)	savefig	ŀ)	savefigure			
1	"	c)	save	c	1)	export <			
ン)	iv)	Wh	ich of the following n	nethod used	l fo	r displaying	olot?		
		a)	display	. b		show	39,	€ ,	
,		c)	execute	d	l)	plot) E		
,	v)	In p	ython, a class is	for a	acc	ncrete objec	t.		
		a)	a distraction	b)	an instance			
		c)	a nuisance	ď) (a blue print			





xv)	If zo	If $zoo = ['lion', 'tiger']$, what will be $zoo \times 2$?								
	a)	coo = ['lion', 'tiger'], what will be zoo×2? ['lion', 'lion,' 'tiger,' 'tiger']								
	b)	['lion']	22							
	c)	['tiger']	*							
	d)	['lion,' 'tiger', 'lion,' 'ti	ger']							
xvi)	Wha	What is correct syntax for creating single valued tuple?								
	a)	(a) (b)	b)	(,)						
	c)	(a,)	d)	{a}						
xvii)	is a string literal denotated by triple quote for providing the									
	spec	ifications of certain prog	ram e	lements.						
	a)	client	b)	docstrng						
	c)	modularity	d)	interface						
xviii)	The	command that is used to	insta	Il a third-party module in python is						
	a)	pip	b) (import						
	c)	ру	(d)	install						
xix)		character and	m	atches the start and end of strng,						
	resp	ectively.								
	a)	\$ and \$	(b)	* and &						
	c)	^ and •	d)	^ and \$						
xx)		· · · · · · · · · · · · · · · · · · ·	efined	in Numpy is an N-dimensional array						
	type	called?								
•	a)	narry	b)	Ndarry						
/	c)	ndrray	d)	NdArray()						
a)				mber entered by user is even or odd.						
	Prog	gram should accept integ	er dig	rits only. [3]						
b)	Illus	strate types of arguments	used	in python function with example. [3]						
c)	Disc	cuss the polymorphism	conce	ept in python create suitable python						
	clas	ses.		[4]						

OR

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LIBRARY Construction of the construction of th	1		
(LIBRARY)			
1 d to * Inampropage	a)	Write a python program for the following. [3	
* Inamo		i) Create list of fruits	
		ii) Add new fruit in list.	
		iii) sort the list.	
		iv) delete last fruit name from list.	
	b)	Write a python function to check the given number is even or odd Handle suitable exceptions. [3	-
	c)	Explain constructor concept in python with example. [4	
<i>Q3</i>)	a)	Write a python program to create an employee. txt file and store employe	e
~ /		name and address.	
	b)	Write a python program to create "employee" collection with fields	"
		(ID name, address, phone email and dept) in mongoDB. Prform th	e
		following operations. [5	
		i) Display all employees in "Accounts" department	
is a second of the second of t		ii) Delete employee with ID - 210345	
		iii) Update phone with new phone for employee ID -123	
	c)	What is tuple?	
		What is the difference between list and tuple? [3]
		OR Co	
	a)	What is set? Explain with example. [3	
	b)	Write a program to retrieve and display employee details from "Employee collection stored in mangoDB database. [3]	
	c)	Write a program to update the employee details stored in "Employee collection stored in Mangodb database.	111
	d)	Write python program to read "employee". txt" file and display alternat	e
		employee record. [2]
Q4)	a)	Write a program for extracting email address from a given webpage. [4	1
	b)	What is synchronization in threading? Explain with example. [4	
	c)	What is module? Explain with example. [2]	_
6		OR	•
	a)	Write a program to validate URL using regular expression. Explain every	У
		special character of the regular expression used in this program. [4]	
	b)	Write a multithreading program, where one thread prints square of	a
		number and another thread prints factorial of a number. Also display the	e
		total time taken for the execution. [4	
	c)	What is anonymous function in python? Demonstrate with example. [2	

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