



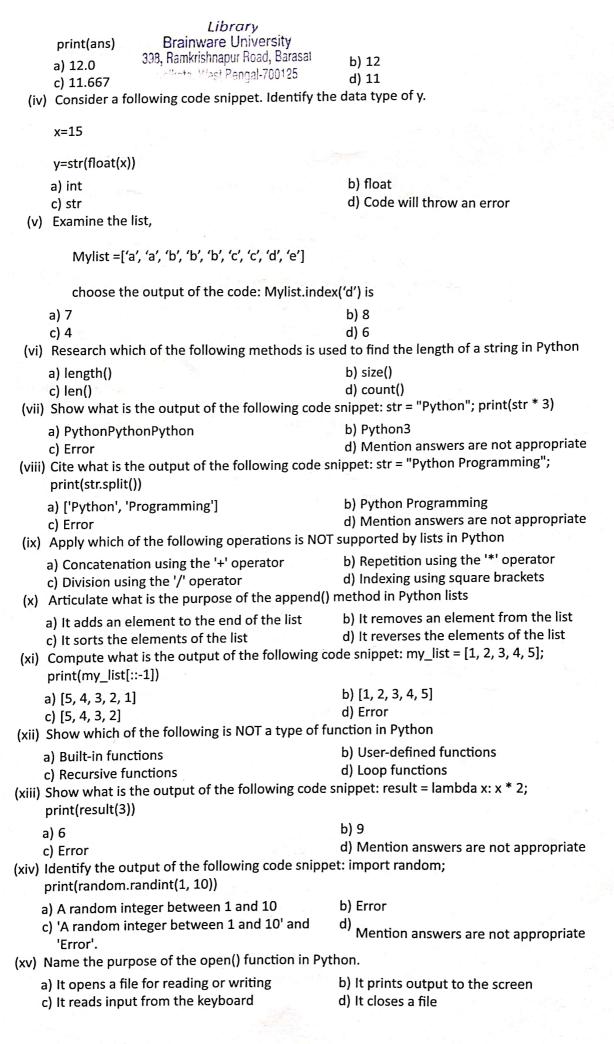
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BRAINWARE UNIVERSITY

Term End Examination 2024-2025
Programme – Dip.RA-2023
Course Name – Python Programming
Course Code - ECOE401B
(Semester IV)

	I Marks : 60		Time: 2:30 Hours
ľ	The figure in the margin indicates full marks. C	Candidates are required	to give their answers in their
	own words as	far as practicable.]	
		roup-A	
1.		ce Type Question)	1 x 15=15
1.	Choose the correct alternative from the follo	wing:	
(:)	Colored to a control of the C. H. C.		
(i)	Select the output of the following code.		
	a=3	The state of the s	
	dinefer i congressor brokers		
	b="12"		
	print (a*b)		
		in a Agri v	
	a) 36	b) 121212	
	c) ₁₂₃		eration, unsupported
(ii)	Select the output of the following code.	operator use	d between 'int' and 'str'
(,	4 52 Carrier output of the following code:	The Large State Committee	
	a=-9//7	A STATE OF THE STA	
	print(a)	tali jali pahatiga Ahariman	
	a) -1	b) -2	
	c) -1.28	d) 1.28	
	Predict the output of the following code.	min oraza entrataria	
,	, , , , , , , , , , , , , , , , , , , ,		
	x=10		
	y=5		
	z=3	And the second	The burney was all the

ans=x+y%z



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Group-B (Short Answer Type Questions)

3 x 5=15

2. Explain different data types in Python with examples.			
3. Illustrate the different ways to access characters from a string with examples.			
4. Explain the concept of key-value pairs in dictionaries and how they are accessed.			
5. Illustrate how multiple objects can be created from a single class in Python with examples.	(3)		
6. Evaluate the immutability of tuples in Python.	(3)		
OR Explain how can you access individual elements and slices of a tuple in Python with examples.	(3)		
Group-C			
	5 x 6=30		
7. Differentiate between local and global variables in Python with examples.	(5)		
8. Write a python code to design a function to form the Fibonacci Series.	(5)		
9. Write a python program to input month number and print number of days in that mon			
10. Explain the concept of nested tuples in python with examples.	(5)		
11. Evaluate the advantages of using tuples over lists in certain situations with examples of scenarios.	(5)		
12. Illustrate the concept of polymorphism in Python with examples.	(5)		
OR Explain about inheritance in Python with its types.	(5)		