PRN:		Course Code :	UCA404

000699

Second Year **B. C. A.** End Semester Examination Winter 2024

Python Programming

Day and Date: Mon - 2 DEC 2024 Max Marks: **50**

Time : 02:00PM To 04:00PM Duration: **02** hrs

Instructions: All questions are compulsory.

			Marks	Bloom's Level	CO
Q.1		**Attempt the following**			
	a)	List different operations on tuple ,list in python ,explain each with example.	06	L1	CO1
	b)	Illustrate looping statement in python for range, set and dictionary with an example.	06	L2	CO2
		OR			
	c)	Discuss file handling in python and different modes of file handling in python programming.	06	L2	CO1
Q.2		**Attempt the following**			
	a)	Describe the NumPy with an example of 1D array slicing.	06	L1	CO2
	b)	Define inheritance and explain in brief types of inheritance with an example.	06	L2	CO3
		OR			
	c)	Explain web scraping? How to download files from web, check the error and save the downloaded files to hard drive with request module in python.	06	L2	CO2
Q.3		**Attempt the following**			
	a)	Extend GUI with advantages and libraries of GUI in python.	06	L2	CO3
	b)	Write a program in python to read student data as Sno, Sname, Saddress and print that data.	07	L3	CO4
		OR			
	c)	Write a program in python to save Item details in the Item Table (item_id, item name, quantity) and display the message "Record saved successfully".	07	L3	CO4
Q.4		**Attempt the following**			
	a)	Identify CRUD operations in python with an examples.	06	L4	CO3
	b)	Write a python code to create admin screen.	07	L3	CO4
		OR			
	c)	Write list box widget and give an example to add element in list box.	07	L3	CO4

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