Goa Vidyaprasarak Mandal's GOPAL GOVIND POY RAITURCAR COLLEGE OF COMMERCE AND ECONOMICS FARMAGUDI, PONDA - GOA

B.C.A. UGC-CCFUP (SEMESTER-I) REGULAR EXAMINATION NOVEMBER 2023 CSA-142 - PYTHON PROGRAMMING

Duration: 1 Hour

Total Marks: 20

Instructions: 1. All questions are compulsory 2. Assume necessary data wherever required

Q.1. Answer the following:			
A. Match the pairs and choose correct answers from the following: $(4x1 = 04)$		4 Marks) (BL-1.CO-1.CO-2)	
A. Recursive Function	I. Functions that we define ourselves	to do certain specific task.	
B. User-defined Functions II. Anonymous function that are defined		ed without a name.	
C. Built-in Functions	III. function defined in terms of itself via self-referential expressions.		
D. Lambda Functions	IV. Functions that are readily available	e for use.	
0.2.A. Why we use loops in pyt	hon?		
List two modes of using Python interpreter.		(2 marks) (BL-1, CO-1)	
	OR		
Q.2.A. List rules for python variable.		(2 marks) (BL-1, CO-1)	
Q.2.B. Define Following:		(2 marks) (BL-1, CO-2)	
1. Modules in Python	2. Fruitful functions.		
Q.3.A. Compare List and Tuple with the help of suitable example.		(2 marks) (BL-2, CO-3)	
	OR		
Q.3.A. Explain with an example	following Dictionary method	(2 marks) (BL-2, CO-3)	
1. copy()	2. Cicul()		
Q.3.B. Explain direct and indirect recursion with the help of example.		(2 marks) (BL-2, CO-2)	
O.4.A. Explain working of Google Translate.		(2 marks) (BL-2, CO-4)	
		() (, ,)	
	OR		
Q.4.A. Explain concept of Sentiment Analysis.		(2 marks) (BL-2, CO-4)	
Q.4.B. Explain following w.r.t.	(2 marks) (BL-2, CO-3)		
I. Negative Indexing	2. Range of indexes		

Q.5.A. Identify and write information that will be displayed if we print following: (2 marks) (BL-3, CO-3) 1. f= open("test.txt","w") 2. f= open("try.txt") if file try.txt does not exist.

OR

- Q.5.A. Identify the type of file and mode of opening the file for following: (2 marks) (BL-3, CO-3) 1. f= open("m.png","a") 2. f= open("test.txt","r+")
- Q.5.B. Construct a flowchart to shuffle the elements of a given list using random.shuffle() python module. (2 marks) (BL-3,CO-3)

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