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G. VENKATASWAMY NAIDU COLLEGE (AUTONOMOUS), KOVILPATTI – 628 502.



UG DEGREE END SEMESTER EXAMINATIONS - NOVEMBER 2024.

(For those admitted in June 2023 and later)

PROGRAMME AND BRANCH: B.Sc., COMPUTER SCIENCE

SEM	CATEGORY	COMPONENT	COURSE CODE	COURSE TITLE
I	PART - III	CORE-1	U23CS101	PYTHON PROGRAMMING

Date & Session: 05.11.2024 / AN

Time : 3 hours

Maximum: 75 Marks

Course Outcome	Bloom's K-level	Q. No.	SECTION - A (10 X 1 = 10 Marks) Answer ALL Questions.			
CO1	K1	1.	Which line of code produces an error? a) "one"+"2" b) '5'+6 c) 3+4 d) "7"+"eight"			
CO1	K2	2.	The input() function takes user's input as a. a) integer b) float c) string d) character			
CO2	K1	3.	How many lines will be printed by this code? while False: print("Hello") a) 1 b) 0 c) 10 d) countless			
CO2	K2	4.	Which statement ends the current iteration of the loop and continues with the next one? a) break b) continue c) skip d) pass			
CO3	K1	5.	Which statement invokes the function? a) function definition b) function call c) function header d) def			
CO3	K2	6.	The index of the first character in the string is. a) 0 b) 1 c) n-1 d) n			
CO4	K1	7.	If list=[1,2,3,4,5], then List[5] will result in. a) 4 b) 3 c) 2 d) Error			
CO4	K2	8.	Which data structure does not allow duplicate values? a) list b) tuple c) dictionary d) set			
CO5	K1	9.	The default access mode in the file is. a) r b) w c) rb d) wb			
CO5	K2	10.	Each file ends with a special character called the. a) EOL b) EOF c) LOE d) FOE			
Course Outcome	Bloom's K-level	Q. No.	SECTION - B (5 X 5 = 25 Marks) Answer ALL Questions choosing either (a) or (b)			
CO1	K3	11a.	Illustrate the features of python. (OR)			
CO1	K3	11b.	Illustrate built-in data types available in python.			
CO2	K3	12a.	Write a program to check whether the person is eligible to vote or not. (OR)			
CO2	K3	12b.	Compare break statement with continue statement.			

CO3	K4	13a.	How will you define your own function in python? (OR)
CO3	K4	13b.	Identify the uses of variable length arguments.
CO4	K4	14a.	Differentiate dictionary from list. (OR)
CO4	K4	14b.	How will you create, access, update and delete elements from the tuple?
CO5	K5	15a.	Discuss types of files in python. (OR)
CO5	K5	15b.	Determine the uses of write() and writelines() methods.

Course Outcome	Bloom's K-level	Q. No.	SECTION – C (5 X 8 = 40 Marks) Answer <u>ALL</u> Questions choosing either (a) or (b)
CO1	K3	16a.	Classify any three types of operators available in python. (OR)
CO1	K3	16b.	How will you define and process array in python? Examine with example.
CO2	K4	17a.	Analyse if-elif-else statement with example program. (OR)
CO2	K4	17b.	Examine while loop and for loop with example.
CO3	K4	18a.	Investigate in detail about keyword arguments and default arguments. (OR)
CO3	K4	18b.	Categorize any eight string methods and functions with example.
CO4	K5	19a.	Discuss list methods with example. (OR)
CO4	K5	19b.	Discuss dictionary functions and methods with example.
CO5	K5	20a.	Write a python program to (i) create a file (ii) write your own content into the file (iii) read from the file and display the file content (OR)
CO5	K5	20b.	Discuss the following with example. (i) file positions (ii) renaming and deleting files