PARAMETER AUSTRIBUTION

ANURAG GROUP OF INSTITUTIONS

Autonomous

School of Engineering

III-B. Tech-II-Semester Regular Examinations, July / August - 2021

Subject: R Programming		
Times 3 Harris (Only CSE)		
VIAX MATERIAL		
Section - A (Short Answer type questions) • Answer all questions		
• Answer all questions (25Marks)		
	 What is data type? List out various data types supported by R. Explain the terms Naming Vesters Naming Vesters and Property of the P	2M
		3M
	3. Explain the concept of converting Lists to Vectors. 4. Illustrate the subsetting Details and Vector Subsetting.	2M
	4. Illustrate the subsetting Data Frames and Extending Data Frames. 5. Explain the process of installation	3M
	D D	2M
	The state of the s	3M
	The second about histopram with company in D	2M
	8. How to add or change the R Plots's Legend?	3M
	9. Write a R program to read the CSV file and display the content.	2M
	10. What is the importance of Goodness of Fit Test explain with an example.	3M
		3141
Section—B (Essay questions)		
•	Answer all questions, each question carries equal marks (5 x 10 = 50 Marks)	
	11. A) Write R program to create a matrix taking a given vector of numbers as input	and
	define the column and row names. Display the matrix.	10M
	OR	
B) What is an array? Write R syntax for creating and accessing array elements with		
	suitable example.	10M
	12. A) Create a Data Frame for student data and explain the Factors by comparing O	rdered
	factors.	10M
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	B) Demonstrate Conditional and Control Flow in R Programming.	10M
	13. A) i) Write a R program to compute cumulative sum, and cumulative product of	
	vector elements.	-
	ii) Write a R Program to find the factorial of a number using iterative programs	4M
	UK	•
	B) Explain the concepts of Nested Functions and explain various scoping of func	tion.
	14. A) How to Plot Multiple Lines or Points? Explain the procedure to save a Plot as	an image
	on disc.	10M
	OK	10141
	B) Write short notes on i) apply () ii) sapply() iii) lapply() and iv) tapply()	10M
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	15. A) Write the syntax to import various Binary Files and plot a graph. OR	10M

B) Write short notes on i) Time series analysis and ii) Regression

Question Paper Code: R18A32CS03

R18

10M