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Roll No.

Second Sessional Tests 2024-2025
Third Semester
BCACSN13202 : Linux and Shell Programming

Time: 60 Minutes Max. Marks: 30

(Section A)

Q.1: Attempt all Questions: (5*1=5)

a. Which of the following keys are used to moving the cursor up and down?
b. How to open a file in Read-only mode in VI Editor.
c. Define the any two responsibility of Shell in Linux.
d. What is the use of eval command?
e. Mention types of operator available in shell scripting.
f. Deference's between global and local shell variable.

(Section B)

Q2. Attempt any Two: (2*7.5=15)

a. List and explain the various meta character available in linux shell programing.
b. How can we pass arguments to a script in Linux? And how to access these arguments from within the script?
c. What is the syntax for different types of loops available in shell scripting?
d. Define array in Shell programing. And write the shell script to add the all number in array.

(Section C)

Q3. Attempt any ONE: (10*1=10)

a. Explain in details how and why do we write functions in shell scripts? Write a user define shell function to perform factorial number of given number.

b. What do you mean by shell and why do we have different types of shells? What are different ways to debug a shell script? Write a shell script to find greatest in three numbers.

c. What are various types of Statements available in Shell scripting? Support your answer with code fragments.