

Roll No.

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Total No. of Pages : 02

Total No. of Questions : 07

BCA (Sem.-5)
LINUX OPERATING SYSTEM
Subject Code : UGCA1935
M.Code : 90318
Date of Examination : 24-11-2025

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains SIX questions carrying TEN marks each and students have to attempt any FOUR questions.

SECTION-A

1. Write briefly :

- a) How is Linux related to Unix?
- b) What is the terminal in Linux?
- c) How do you remove a file in Linux command line interface?
- d) What is a comment in shell scripting?
- e) How do you load a kernel module?
- f) What is a repository in Linux?
- g) How do you execute a shell script?
- h) How do you add a new user in Linux?
- i) How do you display the current directory in Linux command line interface?
- j) What is a variable in shell scripting?

SECTION-B

2. What are the historical-origins of Linux and how has it evolved over time to become one of the most widely used operating systems?
3. Discuss the purpose and features of the find and locate commands in Linux. How do these commands facilitate file system navigation, searching and management tasks?
4. Describe the concept of functions and their role in modularizing code in shell scripting.
5. Describe the role of package managers in Linux distributions.
6. Discuss the role of process management utilities in monitoring and controlling processes in Linux.
7. Describe the architecture of the Linux operating system and its components.

NOTE : Disclosure of Identity by writing Mobile No. or Marking of passing request on any paper of Answer Sheet will lead to UMC against the Student.