

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 : 05-07-2025

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) Write the syntax of cp command with example.
 - b) Write a short note on X window system.
 - c) Explain in detail the use of ipconfig command.
 - d) What is the use of cat command?
 - e) Explain in brief about modes used in vi editor.
 - f) Explain command mode in Linux.
 - g) What is FTP and java client?
 - h) Explain the steps for installing kernel.
 - i) Write a short note on use of shell in linux.
 - j) Mention any five three utility commands used in linux.

SECTION - B

2. Write a shell script to accept a filename. Check if the file exists and display the number of lines, words and characters in the file.
3. What is the role of linux kernel in linux OS?
4. Explain the following commands with examples : ls, rm, cp, mv, chown, chmod.
5. Explain in detail on linux file permissions.
6. Write a short note on Network File System and also list its advantages.
7. Explain the system memory management function in Linux.

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.