

**Third Semester FYUGP Degree (Reg) Examination November  
2025**

**KU3DSCCAP205 - LINUX SYSTEM ADMINISTRATION**

2024 Admission onwards

Time : 1.5 hours

Maximum Marks : 50

**Section A**

**Answer any 6 questions. Each carry 2 marks.**

1. Explain the commands used for managing file and directories in a linux system?
2. What is ls command in linux
3. What is the significance of runlevel 6?
4. Which command is used to mount and unmount a filesystem?
5. How to display the submitted cron jobs for the current user.
6. What is the purpose of the grep command?
7. state the history and key features of Linux
8. What is GRUB?

**Section B**

**Answer any 4 questions. Each carry 6 marks.**

9. Write a shell script that prompts the user to enter a number and then prints whether it is positive or negative.
10. Explain the steps a system administrator would take to add a new user named checkuser and set their initial password.
11. Describe the sort and wc commands in Linux with suitable examples.
12. Use the features of Linux to set up a system
13. Compare LILO with GRUB
14. Discover the purpose of Bourne shell

**Section C**

**Answer any 1 questions. Each carry 14 marks.**

15. create different types of files in Linux.
16. Analyze mounting and unmounting.