

**Fourth Semester FYUGP Degree (Reg) Examination April
2026**

**KU4SECCAP103 - OPERATING SYSTEM
ADMINISTRATION**

2024 Admission onwards

Time : 1.5 hours

Maximum Marks : 35

Section A

Answer any 6 questions. Each carry 2 marks.

1. What is tracert command.
2. What is Group Policy used for?
3. what does a shell represent?
4. Write the syntax of the kill command.
5. What is a cron job?
6. Define nmcli.
7. Compare useradd and adduser commands used for creating users in Linux.
8. What is the purpose of home directory in linux.

Section B

Answer any 4 questions. Each carry 4 marks.

9. Discuss the advantages of using Linux over Windows in certain environments.
10. Write steps to configure iptables.
11. Describe Process Explorer.
12. Explain the ps command with examples.
13. Explain how to check active network connection in Linux.
14. Explain linux file permissions with an example.

Section C

Answer any 1 questions. Each carry 7 marks.

15. Answer the following: (a) Define Group Policy. (b) Explain Computer Configuration and User Configuration. (c) Describe the LSDOU order of policy processing.
16. Describe the installation process of the Windows operating system and explain the configuration settings required after installation.