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Total No. of Pages : 02

Total No. of Questions : 09

MCA (Sem.-02)

LINUX ADMINISTRATION

Subject Code : PGCA-1956

M.Code :79618

Date of Examination : 10-12-2025

Time : 3 Hrs.

Max. Marks : 70

INSTRUCTIONS TO CANDIDATES:

1. **SECTION-A is COMPULSORY** consisting of **TEN** questions carrying **TWO** marks each.
2. **SECTION - B & C.** have **FOUR** questions each.
3. **Attempt any FIVE** questions from **SECTION B & C** carrying **TEN** marks each.
4. **Select at least TWO** questions from **SECTION - B & C.**

SECTION - A

1. Write short notes on:

- a. Linux Distributions
- b. File Structure and Hierarchy.
- c. Booting Process in Linux.
- d. Five Basic Linux Commands.
- e. vi Editor
- f. GUI (Graphical User Interface)
- g. DNS Clients
- h. DNS Records Types
- i. POP Protocol
- j. Server Message Block (SBM) working.

SECTION - B

2. How is Linux different from Windows and why is it good that Linux separates its GUI from the kernel? Give examples.
3. What does the root user do in Linux and how is it different from a Windows administrator account?
4. Why are file permissions important in Linux security and how do you change them?
5. How do you install software and manage users in Linux?

SECTION - C

6. What are DNS records and how do they help in DNS resolution domain management?
7. How does the HTTP protocol work and what does it do to help clients communication with servers?
8. How do you install Apache HTTP Server and what are the steps to start and stop Apache?
9. Why are configuring Apache important and what settings can you adjusted to improve server performance and security?

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.