

Roll No.

**Total No. of Pages : 02**

**Total No. of Questions : 09**

**MCA (Sem-2)**

# LINUX ADMINISTRATION

**Subject Code : PGCA-1956**

**M.Code : 79618**

**Date of Examination : 15-06-2023**

**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 atleast TWO questions from SECTION - B & C.

## SECTION-A

**1. Answer briefly :**

- Differentiate Linux and Windows?
- What is the concept of root in Linux?
- How do you move or rename a file in Linux?
- How can you save and exit the *vi* editor in Linux?
- What is the purpose of the *chmod* command in Linux?
- What is Package Manager?
- Discuss the purpose of DNS records?
- What is the role of SMTP in email communication?
- Write a short note on HTTP protocol?
- Write a short note on SWAT?

## SECTION-B

2. How do you install Linux in a server configuration?
3. **Define following :**
  - a. Insert mode in *vi* editor.
  - b. Deleting the character in *vi* editor.
4. Discuss the basic file structure and hierarchy in Linux?
5. Explain how can you manage users in Linux by creating or deleting user accounts?

## SECTION-C

6. What is the process for configuring DNS clients to use a specific DNS server?
7. Explain the purpose of the Apache HTTP server configuration? How it is used in web?
8. Explain the basic differences between POP and IMAP protocols? How they are used in Email accounts?
9. What are the advantages of using Samba for remote sharing in Windows and Linux environment?