

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 : 12-07-22

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. Write short notes on :**

- a) What is the difference between LINUX and Windows?
- b) What is the use of VI editor in LINUX?
- c) What file permissions can be given to a user in LINUX?
- d) What is a package and how it is different from a folder in windows?
- e) How HTTP is different from HTTPS?
- f) What is the use of APACHE in the LINUX system?
- g) How a server is different from a normal computer?
- h) What is the meaning of SWAT?
- i) In which scenario, you will prefer windows over LINUX? Give an example.
- j) What is the usage of the SAMBA server?

## SECTION-B

2. Explain the following commands with examples: ls, rm, cp, mv, chown, chmod.
3. Which are the different file systems supported by Linux? Which feature of Linux makes this support possible (Virtual File Systems Layer)?
4. a) What are file permissions in Linux? Name different types of file systems in Linux.  
b) What do you mean by the Daemons? Give an example.
5. Write a short note on Vi editor and its mode; Users and Groups in Linux; Configuring packages in Linux.

## SECTION-B

6. What is DNS? Why is it necessary? What are top level domains? Give 3 examples of TLDs.
7. a) Explain the following terms:
  - (i) Mail user agent
  - (ii) Mail transfer agent
  - (iii) Local delivery agent.
8. State the features of Apache web server .
9. a) What is a POP3 server?  
b) What is a secure web server? What are its components? Which packages are needed to create secure web server?

**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.**