

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

B.VOC (SD) (Sem.-3)

LINUX OPERATING SYSTEM – OPERATIONS AND MANAGEMENT

Subject Code : 6.GV.01

M.Code : 78776

Date of Examination : 12-12-22

Time : 3 Hrs.

Max. Marks : 30

INSTRUCTIONS TO CANDIDATES :

1. **SECTION-A is COMPULSORY consisting of TEN questions carrying ONE marks each.**
2. **SECTION-B contains FIVE questions carrying TWO AND A HALF marks each and students have to attempt any FOUR questions.**
3. **SECTION-C contains THREE questions carrying FIVE marks each and students have to attempt any TWO questions.**

SECTION-A

1. Write briefly

- a) What are the basic features of a Linux Operating System?
- b) What will be the output of commands `ls -r` and `rm -i`?
- c) Explain `kill` and `ps` commands.
- d) Where do we use 'nice' command in Linux C Shell?
- e) What are various types of shells used by Linux?
- f) Write down the types of variables used in Linux.
- g) How to add and remove users in Linux?
- h) How to check your network connections on Linux?
- i) List common networking administrative tasks.
- j) Explain `route` command in Linux with example.

SECTION-B

2. Explain Linux directory structure with the help of a diagram.
3. Define vi Editor and explain its modes.
4. Write a note on looping statements used in Linux.
5. List and explain five commands used to get system and hardware information in Linux.
6. Write down the steps used in installation of mail server using Linux.

SECTION-C

7. Write a shell program for counting characters, words and line.
8. Write a note on backup and recovery process in Linux.
9. What is meant by redirecting input output in Linux? Explain with example.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.