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Total No. of Pages : 01

Total No. of Questions : 07

B.Sc. (IT) (Sem.-5)
LINUX OPERATING SYSTEM

Subject Code : UGCA-1935

M.Code : 90394

Date of Examination : 14-12-22

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains SIX questions carrying TEN marks each and students have to attempt any FOUR questions.

SECTION-A

1. Write briefly :

- a. Write down the steps of installation of Linux.
- b. What is the role of the Linux shell?
- c. Give some examples of input/output redirection operations in Linux.
- d. Define the mkdir, rmdir, and cd commands.
- e. How is a job cancelled? Give example.
- f. Write a shell script to accept input from user and display a message on screen.
- g. List some methods of virtualization available on Linux.
- h. What is the need of superuser control?
- i. What is the need of aliasing commands and options?
- j. What are the components of the Linux file structure?

SECTION-B

2. Describe the X window system. Write about the features of GNOME and KDE.
3. What are the different types of Linux shell? Write a note on shell configuration and initialization.
4. Write a detailed note on the conditional control structures and loop control structures of Linux. Give suitable examples.
5. Explain the process of installing, uninstalling or updating software packages in Linux. Describe the Red Hat Package Manager.
6. Write a detailed note on any two graphic tools available under Linux for photo management.
7. What are the functions of the kernel? Describe the process of rebuilding and installing kernel.

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.