

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

MCA (2015 Batch) (Sem.-2)
LINUX OPERATING SYSTEM

Subject Code : MCA-205

Paper ID : [72880]

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

- 1. SECTIONS-A, B, C & D contains TWO questions each carrying TEN marks each and students has to attempt any ONE question from each SECTION.**
- 2. SECTION-E is COMPULSORY consisting of TEN questions carrying TWENTY marks in all.**
- 3. Use of non-programmable scientific calculator is allowed.**

SECTION-A

1. How will you prepare your computer for LINUX installation? Explain the various steps in installation of LINUX as a server.
2. What is GNOME? What are the facilities provided by GNOME to users? Explain each of them in detail. Differentiate between KDE and GNOME.

SECTION-B

3. Explain fedora package manager. Write the necessary steps to install and uninstall package using dpkg and RPM.
4. Write notes on :
 - a) User Management Tools
 - b) "etc/passwd" file

SECTION-C

5. Write note on vi, emacs editor and their modes.
6. Which command is used to change permission associated to File/Directories? List and explain methods to change permission of File/Directories.

SECTION-D

7.
 - a) Write steps for sending files to printer in LINUX.
 - b) Explain commands for file management operations in fedora.
8.
 - a) Describe Network File System in detail.
 - b) Write the necessary steps for booting.

SECTION-E

9. Write short notes on :

- a) What are the kinds of permissions under Linux?
- b) Explain differences between LILO and GRUB.
- c) What are the features of Linux operating system?
- d) What is difference between Linux and windows?
- e) What are environmental variables?
- f) What is the basic difference between BASH and KORN?
- g) How do you change permissions under Linux?
- h) What is su command?
- i) Explain GNOME configuration tool.
- j) What is the purpose of man command?