

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

MCA (2015 & Onwards) (Sem.-2)

LINUX OPERATING SYSTEM

Subject Code : MCA-205

M.code : 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.**

SECTION-A

1. Discuss the different issues to be considered before the installation of Linux.
2. What is the importance of X-Windows? Also write a note on GNOME.

SECTION-B

3. Explain the installation and configuration of packages in Fedora.
4. What are the different tools available in Linux for user management? Discuss in detail.

SECTION-C

5. Discuss about different type of shells in Linux.
6.
 - a) How do you set environment variable sin Linux? Explain.
 - b) Explain the File Management and manipulation in Linux.

SECTION-D

7. Explain the Installation and Configuration of printing services in Linux.
8. What is GRUB? Explain the configuration and commands of GRUB.

SECTION-E

9. Write briefly :

- a. What is LILO?
- b. What is Makeup file system?
- c. What is 'Init' service?
- d. What is the purpose of 'Chown' command?
- e. What is SetUID?
- f. What is RPM in Linux?
- g. What is KDE?
- h. What is Swap Space?
- i. What is a Boot Partition?
- j. What is the purpose of Redirection?

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.