Roll No. ☐☐☐☐☐☐☐☐☐☐☐ Total No. of Pages : 02

Total No. of Questions : 09

MCA (2019 & 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.