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Total No. of Pages : 02

Total No. of Questions : 09

MCA (2015 & Onwards) (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.**

SECTION-A

1. Explain the file system and directory structure of Linux operating system in detail.
2. Discuss the history of X-Windows. Also write a note on KDE.

SECTION-B

3. What is Fedora Package Manager? Explain the installation of *dpm* and *rpm* packages in detail.
4. Discuss the command line user management in detail. Discuss different commands used for the purpose.

SECTION-C

5. What is 'vi' used for? Explain different 'vi' commands and modes in detail.
6. Explain the purpose syntax and different options used with 'chmod' and 'chown' commands with the help of suitable examples.

SECTION-D

7. Explain the core system services in detail.
8. What is LILO? Explain the configuration and commands of LILO.

SECTION-E

9. Write briefly :

1. What is GRUB?
2. What is '*ldp*'?
3. Define quota management.
4. What is BASH?
5. Define '*su*' command.
6. What is a shadow file?
7. What is GNOME?
8. What is Active directory?
9. What is a system call?
10. What is the purpose of pipe?