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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****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. a) Explain the architecture of Linux Operating System in detail.
b) Discuss the disk management in linux.
2. How do you install Linux operating system with Windows operating system? Explain.

SECTION-B

3. What is the role of fedora package Manager? Explain.
4. Discuss the user management in linux in detail.

SECTION-C

5. Write the purpose and syntax of 'cat', 'mv', 'chown', 'chmod', and 'cd' commands with suitable examples.
6. Discuss file management and manipulation in linux in detail.

SECTION-D

7. What is GRUB? Explain the configuration of GRUB in detail.
8.
 - a) Discuss 'quota management' in Linux.
 - b) Write a note on Linux Printing.

SECTION-E

9. Write briefly :

- a) What is system call?
- b) What is a domain?
- c) What is boot disk?
- d) What is a device driver?
- e) What is a shadow file?
- f) What is a Shell?
- g) What is 'su' command?
- h) What is LILO?
- i) What is 'init' service?
- j) What is the 'cron' program?

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.