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Total No. of Pages : 02

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**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.**

