

Linux Administration

**CMP515 - Linux - Sem 5 - Exam Jan - 2019**  
**D113/P131/CMP515/EE/20190226**

**Time : 3 Hours**

**Marks : 80**

**Instructions :**

1. All Questions are Compulsory.
2. Each Sub-question carry 5 marks.
3. Each Sub-question should be answered between 75 to 100 words. Write every questions answer on separate page.
4. Question paper of 80 Marks, it will be converted in to your programme structure marks.

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1. Solve any **four** sub-questions.
    - a) What is Boot Loader and GRUB in Linux? 5
    - b) Explain features of SSH. 5
    - c) Explain process of creating and formatting open office Writer Document. 5
    - d) What is X Window system, protocol? 5
    - e) Explain different Shell variables and their meaning. 5
  2. Solve any **four** sub-questions.
    - a) Write a short note on KDE. 5
    - b) Write the working of following commands 5
      - i) Is
      - ii) Cat
      - iii) head
      - iv) mkdir
    - c) What is POP and IMAP in Linux? 5
    - d) What is mounting in Linux? Explain in Brief. 5
    - e) Explain the process to connect to remote system in Linux. 5



3. Solve any **four** sub-questions.

- a) What is manual page? 5
- b) Write following commands- 5
  - i) To add two numbers n1 and n2
  - ii) To check current working Shell
- c) Explain file system layout of Linux. 5
- d) What are three levels of security in Linux? 5
- e) Explain how Cron is used to manage Periodic jobs. 5

4. Solve any **four** sub-questions.

- a) Explain how Emacs gives more facilities than vi editor in Linux 5
- b) What is FTP? Explain the uses on Desktop. 5
- c) Explain different run levels of Linux. 5
- d) How file Permissions are managed in Linux. 5
- e) Explain the use of chmod command with suitable example. 5

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