

P131/CMP515/EE/20240114

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.

1. Solve any **four** sub-questions.
 - a) Explain Symbolic links. 5
 - b) What are virtual consoles in Linux? 5
 - c) What are the different types of shells used in Linux? 5
 - d) Write a short note on GNU. 5
 - e) Define manual page. 5
2. Solve any **four** sub-questions.
 - a) Explain GNOME and KDE in Red Hat Linux. 5
 - b) What is the command line in Linux? 5
 - c) What is the Linux operating system and its features? 5
 - d) Write a short note on DHCP? Write down its advantages. 5
 - e) Explain FTP. 5
3. Solve any **four** sub-questions.
 - a) What is the meaning of mount and unmount in Linux? 5
 - b) Explain running process of Linux system. 5
 - c) What is troubleshooting? 5
 - d) How DNS server work? Explain in detail. 5
 - e) Write short note on : 5
 - i) chmod in numeric mode
 - ii) echo

4. Solve any **four** sub-questions.
- a) How to adjust the process priority? 5
 - b) Write a short note on su command and state the advantages of su command. 5
 - c) Explain NFS. 5
 - d) Write short note on Booting. 5
 - e) Explain configuring your dial-up internet service. 5

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