

Open Elective-I : Linux Fundamentals

MSP/KS/23/2741

Max. Marks : 70

P. Pages : 1

Time : Three Hours



- Notes :
1. All questions carry marks as indicated.
 2. Solve Question 1 OR Questions No. 2.
 3. Solve Question 3 OR Questions No. 4.
 4. Solve Question 5 OR Questions No. 6.
 5. Solve Question 7 OR Questions No. 8.
 6. Solve Question 9 OR Questions No. 10.

1. a) Explain Architecture & Linux in detail. 7
b) Discuss the use and functions of kernel in DS. 7
OR
2. a) Explain various distributions available for Linux. 6
b) Write short notes on installation process of Linux. 4
c) Distinguish between absolute and relative path names. 4
3. a) Explain the syntax and use of cat and who command. 5
b) What is UI Editor? Explain different cursor movement command. 5
c) Explain the syntax of IS command with all options. 4
OR
4. a) Explain different process management command used for process management. 7
b) Elaborate the syntax and use of PS command with all options. 7
5. a) What is the purpose of shadow & password files. 7
b) How to add a user in Linux operating system? Explain with example. 7
OR
6. a) Explain how to create a group and how to add new user accounts to the group. 7
b) Discuss the use of "groupmod" and groupdel command. 7
7. a) Differentiate between package manager and Installer. 7
b) Explain procedure of creating partition using command. 7
OR
8. a) Write short note on storage management and explain different types of storage. 7
b) Discuss the use of yum command along with options and examples. 7
9. a) Explain the command to mount the file system in Linux. 6
b) Compare file system of windows and Linux operating system. 4
c) Discuss the rules to write the shell script. 4
OR
10. a) Explain the use of echo command in shell script with example. 7
b) What do you understand by term mounting a device, explain how the devices are treated in Linux file system. 7

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