

BSc. i+
LINUX ADMINISTRATION
SEM - II

24/11/15

(2½ hours)

QP Code : 25814

Total Marks: 75

- N. B.: (1) All questions are compulsory.
(2) Make suitable assumptions wherever necessary and state the assumptions made.
(3) Answers to the same question must be written together.
(4) Numbers to the right indicate marks.
(5) Draw neat labeled diagrams wherever necessary.
(6) Use of Non-programmable calculators is allowed.

- ✓ 1. Attempt any two of the following: 10
a. ✓ What do you mean by boot loader? Explain GRUB.
b. ✓ List duties of system administrator. Explain any two.
c. ✓ What is RAID? Explain.
d. Write the steps required to boot system.
2. Attempt any two of the following: 10
a. ✓ Write a short note on cron files.
b. What is NFS? Explain with example.
c. List various network configuration files. Write the purpose of each.
d. ✓ Explain the concept of subnetting with suitable example.
3. Attempt any two of the following: 10
a. ✓ Explain the home section of samba configuration file.
b. Write the steps to configure time server.
c. ✓ What is caching proxy server? Why is it used?
d. Explain how to configure samba server.
4. Attempt any two of the following: 10
a. ✓ Write the purpose of following less secure services
i. telnet ii. ftp iii. rlogin iv. finger v. ftp
b. ✓ What is SSH? Explain with suitable example.
c. What is the need of Domain Name System? List the configuration files used by DNS.
Write the purpose of each.
d. What is zone file? Explain with suitable example.
5. Attempt any two of the following: 10
a. ✓ Write several key components that are essential for email to work properly.
b. ✓ What is the difference between IMAP and POP3?
c. List ftp Configuration Files. Write purpose of each. Give suitable example.
d. Explain how to disable anonymous FTP.
6. Attempt any two of the following: 10
a. ✓ Explain the useradd command with example.
b. ✓ Explain how web server work?
c. Write the purpose of following configuration directives of apache
i. KeepAlive ii. Listen iii. MaxClients
iv. MaxRequestsPerChild v. StartServers
d. How the output of rpmquery is formatted? Explain with example.

Contd....

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