



K21P 0850

Reg. No. : .....

Name : .....

I Semester M.C.A. Degree (CBSS-Regular) Examination, November 2020  
(2020 Admission)  
MCA1C05 : LINUX ADMINISTRATION

Time : 3 Hours

Max. Marks : 60

PART – A

Answer **all** questions, **each** question carries **two** marks.

1. Explain Kernel Daemon. 2
2. Explain about files and directories of/etc/sysconfig directory. 2
3. Explain Klogd. 2
4. List out the uses of fork system call. 2
5. Explain the/etc/passwd file with example. 2
6. Explain the concept of Semaphores. 2
7. Explain Samba. 2
8. Explain SLIP. 2
9. Explain the concept of SOA. 2
10. Explain DNS command. 2

(10×2=20)

PART – B

Answer **all** questions. **Each** question carries **eight** marks.

11. a) Explain in detail about LILO. 8
- OR
- b) Explain in detail about GRUB. 8

P.T.O.



12. a) Explain the various system log files.

8

OR

b) Explain the concept of/etc/hosts.

8

13. a) Explain System V IPC.

8

OR

b) Explain about FIFO.

8

14. a) Explain about NIS.

8

OR

b) How does a DHCP work ?

8

15. a) Explain about POP.

8

OR

b) Explain about Host name resolution name lookup with DNS.

8

(5x8=40)

PART - B

Answer all questions. Each question carries eight marks.

11. a) Explain in detail about LIFO.

OR

b) Explain in detail about GRUB.