



K21P 4710

Reg. No. :

Name :

I Semester M.C.A. Degree (CBSS – Reg./Supple./Imp.)
Examination, November 2021
2020 Admission Onwards
MCA1C05 : LINUX ADMINISTRATION

Time : 3 Hours

Max. Marks : 60

PART – A

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

1. Explain about init and run levels. 2
 2. Explain in detail about LILO command. 2
 3. Define TCP wrappers. 2
 4. Explain about crontab. 2
 5. List out the uses of fork system call. 2
 6. How to create and remove named pipes ? 2
 7. Explain netstat command. 2
 8. Explain the use of ifconfig command. 2
 9. Explain DNS command. 2
 10. What is the format of MX record ? 2
- (10×2=20)

PART – B

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

11. a) Explain in detail about GRUB. 8
- OR
- b) Explain the function of items in the /etc/sysconfig directory. 8

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12. a) Explain the steps required by the system for adding a new user. 8
OR
b) Explain the various system log files. 8
13. a) Explain about Half duplex Unix pipes in detail. 8
OR
b) Explain system V IPC. 8
14. a) Explain about TCP/IP Network. 8
OR
b) How does a HTTP work ? 8
15. a) Explain briefly about SMTP. 8
OR
b) Explain briefly about MIME. 8

(5×8=40)

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