

M 27623



Reg. No. :

Name :

**II Semester M.C.A. Degree (Reg./Sup./Imp.) Examination, July 2015
(2013 and Earlier Admn.)**

MCAC 2.5 : LINUX ADMINISTRATION

Time : 3 Hours

Max. Marks : 80

Instructions : 1) Answer **any five full** questions.
2) **All** questions carry **equal** marks.

1. a) State and explain different tools used to Monitor Security of Linux. 8
b) Explain GRUB. conf-file in detail. 8
2. a) Explain the method to squeeze the best performance from your system. 8
b) What is DHCP ? How to configure DHCP explain in detail ? 8
3. a) State and explain the steps of NFS server and client configuration in detail. 8
b) What is Cron ? How Cron files are taking care of system task explain ? 8
4. a) Explain Mail Transfer through SMTP protocol. 8
b) Explain what is Postfix Mail Server, state configuring postfix steps. 8
5. a) Write the purpose of the following directories of /(root). 10
 - i) bin
 - ii) boot
 - iii) etc
 - iv) home
 - v) initrd.
- b) Write the syntax of useradd command used to modify the default values applied to new account. 3
- c) Write the syntax of usermod command used to modify the user account. 3

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- 6. a) Describe the Kernel configuration. 8
- b) Explain steps of optimizing web services. 8
- 7. a) Explain the quotacheck command with example. 8
- b) What are the general RPM command line options ? Explain. 8
- 8. a) What are the advantages of shadow password over traditional password system ? 8
- b) What are the necessary steps for the regular backup and restore operations in Linux Operating System ? 8

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