



UTTARAKHAND OPEN UNIVERSITY, HALDWANI (NAINITAL)
उत्तराखण्ड मुक्त विश्वविद्यालय, हल्द्वानी (नैनीताल)

MCA 3RD YEAR 5TH SEMESTER ASSIGNMENT

Last Date of Submission: 15/01/2016

Course Title: Linux System Administration

Course Code: MCA-20A

Year: 2015-16

Maximum Marks: 40

Section 'A' contains 08 short answer type questions of 5 marks each. Learners are required to answers 4 questions only. Answers of short answer-type questions must be restricted to 250 words approximately.

1. Explain the Linux file system.
2. Write short note on the Linux operating system.
3. What are the LILO and GRUB boot loaders of the Linux operating system?
4. What are accounts and groups in Linux? How do you use them?
5. What are linking in Linux? Describe its use.
6. What is DHCP?
7. What is Apache? Where is the main configuration file located for Apache?
8. What do you mean by BIND?

Section 'B' contains 04 long answer-type questions of 10 marks each. Learners are required to answers 02 questions only.

1. Explain the architecture of the Linux operating system with diagram.
2. Describe the functioning of the Linux kernel subsystem.
3. What are Linux processes? Describe their types.
4. Explain the various types of shell available in Linux.