

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 09

M.Sc.(Computer Science) (Sem.-3)
LINUX SYSTEM PROGRAMMING

Subject Code : MSC-303

M.Code : 72105

Date of Examination : 16-12-22

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. **SECTIONS-A, B, C & D contains TWO questions each carrying TEN marks each and students have to attempt any ONE question from each SECTION.**
2. **SECTION-E is COMPULSORY consisting of TEN questions carrying TWENTY marks in all.**

SECTION-A

1. Write the steps of Linux installation.
2. Why is it important to run Lilo-t before installing the LILO bootloader? How do you boot a kernel named something other than vmlinuz?

SECTION-B

3. Discuss in detail to Set up Wireless LAN.
4. Explain all the steps in detail to create, modify and delete an account in LINUX with an example.

SECTION-C

5. How a mail server is Installed and Run in Linux?
6. Discuss all the steps in detail to configure an Apache Server.

SECTION-D

7. Discuss all the steps in detail to setup a DHCP server.
8. What is Network Information Service (NIS)? Explain in detail the procedure to set up NIS.

SECTION-E

9.
 - a. What are the different types of users in Linux?
 - b. How an account is created in Linux?
 - c. How an account is modified in Linux?
 - d. How an account is deleted in Linux?
 - e. How Disk Quotas are checked in Linux?
 - f. How hardware devices are installed in Linux?
 - g. What is an active directory & how it works?
 - h. What do you mean by BOOT Loader?
 - i. Write the uses of Telnet and Ftp commands.
 - j. Explain the user add command with an example.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.