Roll No. ☐☐☐☐☐☐☐☐☐☐☐☐   **Total No. of Pages : 02**

Total No. of Questions : 09

M.Sc.(Computer Science) (2015 & Onwards) (Sem.–3)
LINUX SYSTEM PROGRAMMING
Subject Code : MSC-303
Paper ID : [A3170]

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 has to attempt any ONE question from each SECTION.**
2. **SECTION-E is COMPULSORY consisting of TEN questions carrying TWENTY marks in all.**
3. Use of non-programmable **scientific calculator** is allowed.

SECTION-A

Q1) Explain File structure with its permissions and operations.

Q2) Discuss the steps to Install Linux.

SECTION-B

Q3) How LAN connections can be set up in Linux and also explain Troubleshooting of LAN?

Q4) Explain the steps to Install & manage Hardware devices in Linux.

SECTION-C

Q5) Explain the need of Web Server. How Web Server can be set up in Linux?

Q6) What is Print Server? Explain how Print Server can be set up in Linux.

SECTION-D

Q7) Write the steps to set up the DHCP & NIS Server.

Q8) Discuss the Troubleshooting Linux in GRUB mode.

SECTION-E

Q9) Answer briefly :

a) Explain SAMBA.

b) What are the steps to modifying a user A/C?

c) What do you mean by checking Disk Quotes?

d) Explain Dictionary operations.

e) Discuss Point Server.

f) What is NIS discuss it?

g) Explain the steps to create new user.

h) What do you mean by configuring Apache Server?

i) Discuss the Significance of NIS Server.

j) Explain any two important Features of Linux.