



**DIPLOMA IN COMMUNICATION AND COMPUTER
NETWORKING**

CENTRALIZED QUESTION BANK

1055234620 - SYSTEM ADMINISTRATION LAB

**DIRECTORATE OF TECHNICAL
EDUCATION GOVERNMENT OF
TAMILNADU**

DIPLOMA END SEMESTER / YEAR EXAMINATION – 2025

Course: Communication and Computer Networking

Subject : System Administration lab

QP Code : 1055234620

Time : 3 Hours

Date :

Session:

Max Marks:100

Answer the Following Questions

1.
 - a)Installation and configuration of Windows 2008/2012Server operating system
 - b)Installation & configuration of Linux OS.
2.
 - a)Installation and configuration of DHCP Server in Windows.
 - b)Creating and managing user & group accounts in LINUX.
3.
 - a)Installation and configuration of Mail Server.
 - b)Illustrate the various Linux networking commands.
4.
 - a)Installing & configuring a Virtual Machine.
 - b)Setting up FTP Server and configure http d Web Server
5.
 - a)Installation and configuration of DNS Server.
 - b)Demonstrate remote desk top access in Linux.
- 6
 - a)Transfer files between systems in LAN using FTP Configuration.
 - b)Configuring an NFS Server &Client.
- 7
 - a) Installation and configuration of Windows 2008/2012 Server operating system.
 - b) Creating and managing user & group accounts in LINUX.
- 8
 - a) Installation and configuration of Windows 2008/2012 Server operating system.
 - b) Illustrate the various Linux networking commands.

- 9 a) Installation and configuration of Windows 2008/2012 Server operating system.
b) Setting up FTP Server and configure https Web Server.
- 10 a) Installation and configuration of Windows 2008/2012 Server operating system.
b) Demonstrate remote desktop access in Linux.
- 11 a) Installation and configuration of Windows 2008/2012 Server operating system.
b) Configuring an NFS Server & Client.
- 12 a) Installation and configuration of DHCP Server in Windows.
b) Installation & configuration of Linux OS.
- 13 a) Installation and configuration of DHCP Server in Windows.
b) Illustrate the various Linux networking commands.
- 14 a) Installation and configuration of DHCP Server in Windows.
b) Setting up FTP Server and configure https Web Server.
- 15 a) Installation and configuration of DHCP Server in Windows.
b) Demonstrate remote desktop access in Linux.
- 16 a) Installation and configuration of DHCP Server in Windows.
b) Configuring an NFS Server & Client.
- 17 a) Installation and configuration of Mail Server.
b) Installation & configuration of Linux OS.
- 18 a) Installation and configuration of Mail Server.
b) Creating and managing user & group accounts in LINUX.
- 19 a) Installation and configuration of Mail Server.
b) Setting up FTP Server and configure https Web Server.
- 20 a) Installation and configuration of Mail Server.
b) Demonstrate remote desktop access in Linux.
- 21 a) Installation and configuration of Mail Server.
b) Configuring an NFS Server & Client.

- 22 a) Installing & configuring a Virtual Machine.
b) Installation & configuration of Linux OS.
- 23 a) Installing & configuring a Virtual Machine.
b) Creating and managing user & group accounts in LINUX.
- 24 a) Installing & configuring a Virtual Machine.
b) Illustrate the various Linux networking commands.
- 25 a) Installing & configuring a Virtual Machine.
b) Demonstrate remote desktop access in Linux.
- 26 a) Installing & configuring a Virtual Machine.
b) Configuring an NFS Server & Client.
- 27 a) Installation and configuration of DNS Server.
b) Installation & configuration of Linux OS.
- 28 a) Installation and configuration of DNS Server.
b) Creating and managing user & group accounts in LINUX
- 29 a) Installation and configuration of DNS Server.
b) Illustrate the various Linux networking commands.
- 30 a) Installation and configuration of DNS Server.
b) Setting up FTP Server and configure https Web Server.
- 31 a) Installation and configuration of DNS Server.
b) Configuring an NFS Server & Client.
- 32 a) Transfer files between systems in LAN using FTP Configuration.
b) Installation & configuration of Linux OS.
- 33 a) Transfer files between systems in LAN using FTP Configuration.
b) Creating and managing user & group accounts in LINUX.
- 34 a) Transfer files between systems in LAN using FTP Configuration.
b) Illustrate the various Linux networking commands.

- 35 a) Transfer files between systems in LAN using FTP Configuration.
b) Setting up FTP Server and configure https Web Server.
- 36 a) Transfer files between systems in LAN using FTP Configuration.
b) Demonstrate remote desktop access in Linux.

Allocation of Marks

Sl. No	Description	Marks
1	Aim(05) Program from Part A(30)	35
2	Aim(05) Program from Part B(30)	35
3	Executing anyone program (Part A or Part B)	15
4	Output	10
5	Viva Voce	05
	Total	100