Unit1:

1. What is Linux? Explain shell and kernel in detail
2. Describe the different flavors of Linux with example
3. Describe the basic architecture of Linux/Unix system
4. Explain shell and its types in brief
5. Define Linux file system? explain boot block and super block
6. Explain any five file and directory commands
7. Write short note on
   a. md
   b. cd
   c. Ls
   d. mkdir
   e. Pwd
   f. More
   g. cat
8. write the command to check the free space in disk
9. What is partioning? Explain the process of partitioning in Linux

unit2:

1. What is connection in Linux? Write a command to connect the two processes
2. what is background process explain in detail
3. how can we manage the multiple process in Linux explain with example
4. what is priority and how can we change the priority of process in Linux
5. explain the following commands
   a. kill
   b. ps
   c. touch
   d. wc
   e. sleep
   f. who
6. explain the mathematical commands in detail

unit3:

1. What is system administrator? Explain its work process and tasks
2. explain the process of creating group
3. how can we add or delete the user in Linux
4. What is temporary disable a user account? How can we achieve it
5. what is mounting explain with example
6. What is super user v? explain the process of making it with detail
7. explain KDE and gnome graphical interface

unit4:

1. What is shell? explain its types in detail
2. what is shell programming briefly describe with example
3. compare the various shell types available in Linux
4. explain the bash , read command in shell programming
5. What is looping statement? Explain it by using shell programming? write a script to add two numbers
6. create the shell program for automate system tasks with explanation
7. what is filter command explain any two
   a. pr
   b. head
   c. sort
8. explain grep , egrep and sed command with example

unit5:

1. what is networking explain in detail in the aspects of Linux
2. write the process to setting up a LAN using Linux
3. explain peer to per and client server model
4. what is Ethernet LAN how can we set it in Linux
5. explain the process of connecting to internet in Linux
6. explain the command ipconfig and netconfig in detail
7. explain TCP/IP network in detail
8. discuss the apache web server and write the process to install it