Questions to ask

1. What is linux and name the diff distros based on its use
2. What is unix ‘’
3. Who developed linux
4. Who developed unix
5. Diff bw linux and unix
6. Advantages of linux
7. Disadvantages of linux
8. Advantages of unix
9. Disdavtages of unix
10. Diff bw windows and linux
11. What is iso and its full form
12. Explain the steps for linux os installation
13. Linux os installation using vm and osd
14. How to install linux using wsl
15. Explain the preparing installation part of linux os
16. Explain the installation process of the linux os
17. Explain the post installation configuration in linux os
18. What is dhcp
19. What is GRUB(Bootloader) in linux
20. Explain the process of booting in a computer
21. What is a bootloader
22. What is mbr and gpt and diff between them
23. Diff types of booting – hard and soft booting
24. Diff between hard and soft booting
25. Command to update packages in ubuntu and redhat
26. Command to upgrade pxackages in ubuntu
27. Command to install package in ubuntu
28. Command to check network interfaces
29. Command to add user
30. Command to add user to the sudo group to get administrative privilege
31. Command to add user to a group
32. Command to add user to multiple groups
33. What is sudo
34. What is usermod
35. Command to enable firewall
36. What is ufw
37. What is ssh
38. How to allow ssh via ufw
39. Explain how the boot logs where coming from usb/serial port on putty
40. Explain how the boot logs where coming via ssh on putty
41. How is putty and ssh related
42. What does sudo su do - used to convert current user to root user
43. Explain chmod
44. Explain chown
45. How to create virtual environment in python
46. How to deactivate venv in python
47. Explain these commands

chmod u+x file.txt

chmod o-w file.txt

chmod u=rw,g=,o= file.txtt

chmod 744 file.txt

chmod 700 file.txt

1. Explain the command here

chmod [who][operation][permissions] <file>

chmod [permissions] <file>

1. How to see file permissions
2. Explain linux booting process
3. What is UEFI
4. What is kernel and the jobs of kernel
5. What is init system
6. Mention the common init systems
7. What is init process
8. What does mounting mean
9. Diff bw kernel space and user space
10. What does mounts the root file system mean
11. What is a root file system(/ is nothing but root file system, it has bin, sbin, usr, home, tmp)
12. Examples of root file system
13. How to troubleshoot a Corrupt or missing bootloader configuration.
14. How to troublesheoot Missing or misconfigured kernel.
15. How to troubleshoot Corrupt or unmountable root filesystem.
16. What is systemctl used for, explain with command
17. Command to view kernel logs
18. Command to reinstall grub
19. Explain the use of these tools dmesg, fsck