Module – 3 Installation and Maintenance of Hardware and Its components

1. What is user management?

ans: User account is managing user accounts and access to resource within an oranization.

2. Where can we access the user management?

ans: First of all press window and search control panel and get into user account and user management.

3. Why is user management needed?

ans: User management is required to helps manage organizations account and keep safe our account and do not open the computer without administrative account.

4. Do a practical to create a user from user management

ans: done.

5. Do a practical to change the password of the administrator from the user

management What is file folder permission?---sharing and ntfs What is the

use of file and folder permission?

ans: done.

6. Write down the steps to give a folder read only permission.

ans: Right click on folder and go propperties and click on read only.

7. Write a step to give a file only admin permission.

ans: Right click on files and go properties and go to security option and click administrative you can give only admin permission.

8. Do a practical to change the ownership of the folder and the sub folders in it

ans: done.

9. What is OS?

ans: Operating system is a collection of set of programs,which mange all hardware resources.

10. What are the types of OS?

ans: multi-tasking os

       multi-processing os

       time-sharing os

       real-time sharing os

       multi-progrmming batc os

       distrubuted os

       network os

       simple batch os.

11. Do a practical to create bootable pen drive for kali Linux and install os

ans: done.

12. Do a practical to create a bootable pen drive for windows 10 and install os

Do pen drive for creating a pen drive for mac os Big sur with unibeast.

ans: done.

13. What is clean install?

ans: A computer maintenance process that involves formatting and erasing a hard drive and reinstalling an operating system or application from scratch.

14. What is upgrade installation?

ans: A process of installing a newer version of the window os to replace the old

version.

15. Do a practical to upgrade from windows 8 to windows 10.

ans: done.

16. What is partitioning?

ans: Dividing something into parts or shares.

17. What is partition?

ans: A logical space or section of a hard disk drive(hdd),solid state drive(ssd), or usb flash drive that can be formatted and used to store files and programs.

18. What is format?

ans: The way that digital information is organized and presented, or the structure of data within file.

19. Format a partition using cmd

ans: press window and search cmd as an administrative, type diskpart and press enter, type list disk to get a list of disk, select the disk to format, use the clean command to clean disk, make it a primary partition,format the drive.

20. List out the administrative tools.

ans: computer management,event viewer,local security policy,task scheduler,active directory,defragment and optimize drives,disk clean, iscsi initator,odbc data sources,services,window firewall with advanced security,windows memory,clonezilla,notepad++,system cinfiguration,system information, windows power shell, wireshark,7-zip,microsoft outlook,perfomance monitor,print management,rsat tools,powershell ise.

21. What is disk management tools

ans: The disk management utility provides a graphical interface to user is called disk.

22.   List out the operations we can do with disk management tool

ans: Partition devices,manage drivers,disk checking,disk formatting.

23. What is Device Management?

ans: Device management is the process of overseeing and controlling the devices connected to a computer or network including hardware and software.

24. Do a practical to delete a driver from the device management tool.

ans: done.

25. What is windows features?

ans: More than features provide in windows just like color management which use for change the contrast and other option is user accouts which use create administrative account and many other option is available.

26. Do a practical to install dotnet framework 3.5 with Windows feature.

ans: done.

27. Do a practical to disable internet explorer in windows feature

ans: done.

28. What is backup and restore?

ans: Backup and restore is primary backup components of windows it can create file and folder backup as well as system image backups to be used for recovery in the event of data currruption hard disk drive failure or malware injections.

29. What are the tools of backup?

ans: We used rsync,tar,dd,dump,restore,borg,duplicity,and bacula.

30. Do a practical to restore from restore point.

ans: done.

31. How to protect system from malfunctioning due to electrical fluctuation?

What is os base firewall? And configure inbound and outbound rule

ans: Use voltage stablizers for prevent system from power fluction. Install surge protectors to prevent power surges. check and replace faulty wiring or electrical components.

32. Do a practical to block internet with firewall.

ans: done.