1. *Module – 3 Installation and Maintenance of Hardware and Its Components*

Q1 What is user management?

->User management is the process of managing access, permissions, and roles of individuals within a system, application, network, or organization. It ensures that the right people have the right level of access to the right resources at the right time.

Q2 Where can we access the user management ?

->We can access the user management In Windows, you can access local user management through the “ Computer Management” console, or by using the command “Iusrmgr.ms”.

Q3 Why is user management needed?

->User management needed because to maintain control over access to resources, ensure date security, and comply with regulation.

Q4 Do a practical to create a user from user management?

->1. Log in as Admin

2. Navigate to User Management

3. Click on Add User or Create User

4. Fill Out the User Details

5. Submit the Form

6. Confirmation

Q5 Do a practical to change the password of the administrator form the user management What is file folder permission ?--- sharing and NTFS What is the use of file and folder permission?

->Changing the Administrator Password Practical

1. Open User Management: Search for “Computer Management” in the windows search bar and open it.

2. Navigate to Local Users and Groups

3. Select the Administrator Account

4. Change Password

5. Enter New Password

6. Apply Change

-> NTFS Permissions

-> These are like security settings for individual files and folder on your computer hard drive. They determine who can open, modify, or delete files and folders.

-> Share Permissions

-> These are for when you want to allow other people on your network to access files and folders. They control who can access shared folder over the network.

Q6 Write down the steps to give a folder read only permission.

->To give a folder read- only permission, right click on the folder, go to “Properties” then the “Security” tab, and click “Edit”. Add the user or group you want to restrict, then under “permission for”. Check the “Read” box under the Allow column and uncheck other boxes like “Write” and “Modify”. Finally click “Apply” and “Ok”.

Q7 Write a step to give a file only admin permission*.*

->1. Open File Explorer and navigate to the folder containing the files or folders you want to take ownership of.

-> 2. Right-click on the folder and select “Properties.”

-> 3. In the Properties window, click the “Security” tab.

-> 4. Click the “Advanced” button.

Q8 Do a practical to change the ownership of the folder and the sub folders in it.

->Use the Security tab in the folder’s proper-ties , then navigate to Advanced set-tings, and change the owner.

-> 1. Locate the folder: Right-click on the folder you want to change ownership of.

->2. Open Properties: select Properties from the context menu.

->3. Go to Security Tab: Click on the “Security” tab.

->4. Access Advanced Settings: Click on "Advanced" at the bottom right.

->5. Change Owner: Click “Change" next to the current owner.

->6. Enter New Owner: Type the username of the new owner and click "Check Names" then "OK".

->7. Apply Changes: Check the box that says

"Replace owner on subcontainers and objects" and click "Apply".

->8. Confirm: You might get a UAC prompt. Click "Yes" to confirm.

->9. Finalize: Click "OK" on the remaining windows to close them. Windows will now apply the ownership changes.

Q8 What is OS?

->Oprating-System (OS) is a software that manages a computer’s hardware and software resources, acting as a bridge between the user and the computer.

Q9 What are the types of OS?

->1. Windows

->2. Linux

->3. Kali

->4. macOS

Q10 Do a practical to create bootable pen drive for kali Linux and install OS.

->You’ll need a USB drive, the Kali Linux ISO file, and a tool like Rufus.

-> 1. Download Necessary Files.

-> 2. Prepare the USB Drive.

-> 3. Run Rufus.

-> 4. Boot from USB.

-> 5.Kali Linux Installation.

Q11 What is clean install?

->A clean install is an installation of an operating system on a computer where the hard drive is formatted and completely erased.

Q12 What is upgrade installation?

->An upgrade installation is a process of installing a newer version of the Windows operating system to replace the existing version.

Q13 Do a practical to upgrade from windows 8 to windows 10.

->To upgrade from Windows 8 to Windows 10, you’ll need to download the Windows 10 Media Creation Tool from Microsoft’s web-site

->1. Download the Media Creation Tool.

->2. Run the tool.

->3. Select “Upgrade this PC now”.

->4. Follow the on-screen instructions.

->5. Accept license terms and choose what to keep.

->6. Wait for the installation to complete.

->7. Enjoy Windows 10.

Q14 What is partitioning?

->Partitioning refers to dividing a single physical hard drive into multiple logical drives.

Q15 What is partition?

->A partition is a section of a hard drive or other storage device that is treated as a separate logical drive.

Q16 What is format?

->A format refers to the way that digital information is organized and presented .It can apply to a wide variety of file types, including documents, images, videos, and more.