***Comptia A+ Assignment***

**Module 3 :- Installation and maintenance of hardware and its components**

**1) what is user management?**

**Ans: User management is an organizational function that enables users to access and control digital assets, such as applications, devices, networks, and cloud services.**

**2) why is user management needed?**

**Ans : User management allows administrators to manage resources and organize users according to their needs and roles while maintaining the security of IT systems.**

**3) write down the steps to give a folder read only permission.**

**Ans : Open the folder's property menu.**

**Select read-only.**

**Copy as path.**

**Open your command prompt.**

**Change folder attributes via command line.**

**Remember your settings.**

**Communicate with other users.**

**Don't change system folders or files.**

**4) write a step to give file real only admin permission.**

**Ans : weOpen the folder's property menu.**

**Select read-only.**

**Copy as path.**

**Open your command prompt.**

**Change folder attributes via command line.**

**Remember your settings.**

**Communicate with other users.**

**Don't change system folders or files.**

**5) what is os?**

**Ans : OS is the program that, after being initially loaded into the computer by a boot program, manages all of the other application programs in a computer.**

**6) what are the types of os?**

**Ans : Batch Operating System.**

**Multi-Programming System.**

**Multi-Processing System.**

**Multi-Tasking Operating System.**

**Time-Sharing**

**Operating System.**

**Distributed Operating System.**

**Network Operating System.**

**Real-Time Operating System.**

**7) what is clean install?**

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

**8) what is upgrade installation?**

**Ans : An upgrade installation is a process of installing a newer version of the Windows operating system to replace the existing version.**

**9) what is partitioning?**

**Ans : Partitioning is a way of splitting numbers into smaller parts to make them easier to work with.**

**10) what is partition?**

**Ans : A partition is a logical division of a hard disk that is treated as a separate unit by operating systems (OSes) and file systems.**

**11) what is format?**

**Ans : format is a specific way of organizing digital information that allows it to be easily read and processed by a computer or other device.**

**12) Format a partition using cmd.**

**Ans : Open Command Prompt in Administrative format.**

**Type 'diskpart' command in CMD.**

**Get the list of disks using the list disk command.**

**Select the Disk and clean the disk with the clean command.**

**Make it the Primary Partition and format the drive.**

**13) List out the administrative tools.**

**Ans : Administration. Admin management tools maintain an inventory of network resources and equipment across your entire organization.**

**Operation. Admin management tools see to it that your network runs seamlessly without issues.**

**Maintenance.**

**Provisioning.**

**Security.**

**14) what is disk management tools?**

**Ans : Disk management tools are utility software that is used to manage data on disk by performing various functions on it.**

**15) what is device management?**

**Ans : Mobile device management is the administration of mobile devices, such as smartphones, tablet computers, and laptops.**

**16) what is windows feachers?**

**Ans : Provides an efficient speed.**

**Allows disk access as well as file systems.**

**Program execution is done in a smooth way.**

**Protected and supervisor mode is always there.**

**Memory Management is supported to allow multiprogramming.**

**Provides regular updates to ease the usage.**

**17) what is backup and restore?**

**Ans : Backup and Restore is the primary backup component of Windows Vista and Windows 7.**