

21st April 2020

Storage Media Course

Name of the course: Storage Media

Learning Objectives

Part One -

1. The learner is to demonstrate the different memories in use in computers.
 - a. Teaching Method – Definitions defined in lecture material, presented in slide form for self learning.
 - b. Teaching Materials – Self Learning Slides (SLS), internet connectivity on desktop or laptop computer.
 - c. Evaluation – Learner can write down the correct definitions.
 - d. Lesson content –
 - i. Computers like humans have different centers for storing information.
 1. RAM – Random Access Memory. This memory is used to temporarily store information while the computer is on, when the power goes off all the contents are erased.
 2. SDRAM – Synchronous Dynamic RAM. Same as Ram.
 3. DRAM – Dynamic RAM. Same as Ram.
 4. NVRAM – Non Volatile Random Access Memory. This kind of ram is used to store programs that control the computer, when powered off the contents are not lost.
 5. ROM – Read Only Memory. Similar to NVRAM.

Part Two –

2. The learner must know the different storage media used by computers.
 - a. Teaching Method – Definition sourced from *Wikipedia*, presented in slide form for self learning.

- b. Teaching Materials –SLS, internet connectivity on desktop or laptop computer.
- c. Evaluation – Learner can write down the correct definitions.
- d. Lesson content –
 - i. Hard Disks. 80 GB – 3TB
 - ii. Floppy Disks. 1.44 MB
 - iii. CD/DVD discs. 750 MB – 4.7 GB
 - iv. Zip Drives. 100 MB – 250 MB
 - v. Flash Disks. 256 MB – 16 GB
- 3. The learner is to demonstrate how Blue Ray DVD discs work.
 - a. Teaching Method – Lecture material compiled by instructor, presented in slide form for self learning.
 - b. Teaching Materials – SLS, internet connectivity on desktop or laptop computer.
 - c. Evaluation – Learner can write a correct definition.
- 4. The learner will be introduced to digital logic.
 - a. Teaching Method – Definition sourced from *various sources*, presented in slide form for self learning.
 - b. Teaching Materials –SLS, internet connectivity on desktop or laptop computer.
 - c. Evaluation – Learner can write a correct definition.

