ICS20 - 2017

<u>Introduction To The Computer</u>

Goal: Learn about some of the main components of the computer.

Click on the following link to take you to a site to help you answer the following questions. The answers are to be handwritten in your notes. Keep Word open to view the questions as you use the site to find the answers. Be a multi-tasker!

Use the table at the right hand side so help navigate the sections.

http://www.jegsworks.com/lessons/computerbasics/lesson1-2/lesson1-1.htm

Questions.
1. **Computer Types** - intro
    1. What is a computer?
    2. List and describe each of the 4 main functions of the computer.
    3. Define the following terms:
        a) hardware
        b) software
        c) data
        d) information
        e) default

    Computer Types - description
    4. What are the differences between the following types of computers?
        a. PC
        b. Mainframe
        c. Super Computer
    5. What is a server? What is it used for?

2. **Input**
    6. What is input?
    7. What are they types of input?
    8. List some input devices. Include some pointing devices.
    9. What is a terminal? List some special types of terminals.
    10. What are the goals of data automation? List some devices used to help with these goals.
    11. What is GIGO?

3. **Processing**
   12. What is processing?
   13. What is the CPU? What is the ALU?
   14. Sketch and describe the machine cycle.
   15. Read about the parts of the Main Memory.

4. **Output**
   16. What is output? What are different types of output?
   17. What is a printer's footprint?
   18. What kind of cables are used for a printer?
   19. List some types of printers with advantage/disadvantages of each.

5. **Storage**
   20. What is the difference between RAM and ROM? (include what each acronym stands for)
   21. List some differences between magnetic and optical disks.
   22. What are CD's and DVD's? How are they the same/different?
   23. List some other storage devices.

All done? Try the quizzes. Record how you did on each one.

Quiz Name	How you did
Input	/10
Processing	/10
Output	/10
Storage	/10