Use the attached PowerPoint to answer the following questions.

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. Period \_\_\_\_\_\_\_\_\_\_\_\_\_\_. Phone #\_\_\_\_\_\_\_\_\_\_\_\_\_

1) A **computer** is a machine that changes information from one form to another by performing

four basic actions. What are they? 1-\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. 2-\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3-\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 3- \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2- **\_\_\_\_\_\_\_\_\_\_\_\_\_\_** is the raw information, or data, that is \_\_\_\_\_\_\_\_\_\_\_\_ into a computer.

3- That input could be simple or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

4- What are the two types of computers? 1-\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 2\_\_\_\_\_\_\_\_\_\_\_\_\_

5- Computer instructions depend on the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ given to the computer. The instructions are written in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ code using \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of 0s and 1s.

6- Computers can process data \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, performing millions of operations every \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. Speed of **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** is one reason why computers are so valuable.

7- Once the data has been processed, **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** saves the information in a permanent \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ for continued access.

8- After the computer processes data, **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** is created. Output can take many forms, such as an \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

9- **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** are the computer’s physical parts. The processor is a hardware \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ that turns raw data into usable information.

10- Most computer \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_is inside the computer \_\_\_\_\_\_\_\_\_\_\_\_\_. This hardware is used for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ data. There are other devices, such as a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, that are only used \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of the computer case.

11- One of the most important processing devices to a computer is the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_, or CPU. The \_\_\_\_\_\_\_ is attached to a **\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**, and is covered in tiny electrical. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ that quickly carry information in specific ways that allow the computer to do \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and compare \_\_\_\_\_\_\_\_\_\_\_\_\_ quickly.

Use the attached PowerPoint to answer the following questions.

12- Near the CPU is the primary data storage area called **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**, or RAM. The close \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ allows the CPU to quickly find the data it works with.

13- RAM stores data when the computer is on, but the data is \_\_\_\_\_\_\_\_\_\_ when the computer is turned \_\_\_\_\_\_\_\_\_\_\_\_.

14- Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ hardware allows storage of \_\_\_\_\_\_\_\_\_\_\_\_ permanently, even when the computer is turned off. These are called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ devices.

15- Examples of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ storage devices include: CDs, \_\_\_\_\_\_\_\_\_\_\_\_\_\_drives, \_\_\_\_\_\_\_\_\_\_\_\_\_ drives, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_l hard drives, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ cards, or **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_storage**, which is online storage offered through various Web sites.

16-Some of these types of external storage connect to the computer via a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_, or USB port.

17- \_\_\_\_\_\_\_\_\_\_\_ disk drives hold the most data, typically in the amount of several hundred \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is just over a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ bytes. Some external hard drives can store more than 30 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (tb). A **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** is about 1,000 gigabytes.

18- \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (such as keyboard and mouse) and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (such as monitors and printers) devices are typically \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ from the case for most desktop systems. These are separate pieces of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, but can be connected to the case. This is called a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

19-Peripherals need to be connected to the computer for \_\_\_\_\_\_\_\_\_\_\_\_to move back and forth. The connection can be via plug or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ connection. Some peripherals connect internally, or are built-in.