Name:

ID:

M1 Assignment05B

Reading: <https://www.bbc.co.uk/bitesize/guides/zfssv9q/revision/1>

1. Which of the following are the two types of main memory?

|  |  |
| --- | --- |
| Processor, data | Processor, information |
| Processor, read only | Processor, random access |
| Read only, brute force | Read only, random access |

1. The BIOS does which of the following:

|  |  |
| --- | --- |
| Creates ROM | Runs as soon as computer shutsdown |
| Loads OS from ROM to RAM | Loads OS from RAM to ROM |
| Is a programming language | Check all the software to make sure it is running properly |
| Functions as the OS | Stores ROM |

1. The more \_\_\_\_\_\_ a computer has, the more data and programs can be held simultaneously.

|  |  |
| --- | --- |
| ROM | instructions |
| data | Operating systems |
| processors | RAM |

1. Which of the following are 3 secondary memory storages on computers:

|  |  |
| --- | --- |
| Embedded, ssd, CD | Magnets, DVD, OS |
| Processor, monitor, RAM | HD, SSD, DVD |
| RAM, ROM, SSD | HD, SSD, ROM |

1. Which of the following explains how data is stored in a SSD:

|  |  |
| --- | --- |
| Binary version of data is stored within silicon chips as current in a transistor | Use magnetic field to magnetize pieces of metal spinning disk, tiny sections represent bits. |
| Need to be stored in ROM | Just uses the RAM and cache |
| Laser used to scan spinning disc; reflected light from disk is used to read binary information | None of the above |