

### Worksheet 3.9.1: What is BIOS?

1. The acronym BIOS stands for \_\_\_\_\_
2. The BIOS code is typically embedded in a \_\_\_\_\_ chip on the motherboard.
3. \_\_\_\_\_ BIOS allows the upgrade of the BIOS software from a disk provided by the manufacturer without replacing the chip.
4. Configuration of the BIOS on a computer is called the \_\_\_\_\_ or \_\_\_\_\_.
5. Without the correct code and \_\_\_\_\_, the system will either not boot properly or work inconsistently with frequent errors.
6. The acronym POST stands for \_\_\_\_\_
7. Any problems during the POST are indicated by the BIOS displaying \_\_\_\_\_  
\_\_\_\_\_
8. BIOS initially runs basic device test programs and then seeks to \_\_\_\_\_ these devices.
9. Circle all that are correct:
  1. BIOS contains the software required to test hardware at boot up.
  2. BIOS contains the software required to execute windows applications and access user files.
  3. BIOS contains the software required to support the transfer of data between hardware components.
  4. BIOS contains the software required to support hard drive and floppy drive data storage.
  5. BIOS contains the software required to start up the operating system.
10. BIOS is saved in the chip on the motherboard (even when the power is turned off) by a \_\_\_\_\_.