

Study Guide

1. What type of **power** connectors can connect a hard drive or optical drive?
2. What type of **data** connectors connect an hd or optical drive?
3. What are PATA cables also called?
4. How can the POST beep codes help you in determining errors?
5. Where can you find documentation related to beep codes?
6. What does it mean when you read that a device has a signed driver?
7. What is the purpose of motherboard standoffs?
8. Let's say you make several changes to the BIOS. When you reboot the next time none of those changes are saved... what item do you think should be replaced?
9. Define the following terms:
 - CMOS
 - NIC
 - POST
 - BIOS
 - MOLEX

- BERG

10. How confident do you feel about pulling a computer apart and putting it back together?
11. What are some of the problems you encountered when disassembling/assembling your computer? How did you go about fixing those problems?
12. When would you press the appropriate key to enter the BIOS?
13. A floppy drive light is remaining on...what should you do? (yes... the floppy drive)
14. What components **may** be easier to install before mounting the motherboard?
15. What cleaning solution should you use to clean a CPU and a heat sink?
16. What is a jumper?
17. What size drive bay would hold a hard drive ?
18. What size drive bay would an optical drive be installed into?
19. An **internal** wireless NIC generally can fit which types of expansion slots?

20. Where would an **external** wireless NIC typically plug into?