

## **Computer Repairs Course**

### **Effectively working with PC Quiz**

# Review Questions

1. Which of the following steps is not necessary when replacing a floppy drive?
  - A. Turn off the PC.
  - B. Disconnect the power supply from the drive.
  - C. Disconnect the ribbon cable from the drive.
  - D. Disconnect the audio cable from the drive.
2. When attaching a ribbon cable to a drive, if there is no marking for pin 1, which way should you orient the red stripe?
  - A. Closest to the power supply connector
  - B. Farthest away from the power supply connector
  - C. Facing the top of the drive
  - D. Facing the bottom of the drive
3. To fix a bad power supply in a desktop PC, you should \_\_\_\_\_.
  - A. Remove and replace the entire power supply box.
  - B. Disassemble the power supply and replace the coils.
  - C. Disassemble the power supply and replace the capacitors.
  - D. Disassemble the power supply and replace the resistors.
4. How many bits of data does a high-speed serial cable carry simultaneously in a single direction?
  - A. 1
  - B. 8
  - C. 32
  - D. Depends on the cable
5. Which of the following could not be connected to an IDE interface on a typical motherboard?
  - A. ATA-2
  - B. EIDE
  - C. ATAPI
  - D. All of these could be connected.
6. What do UltraDMA/66 and higher require?
  - A. Cable Select configuration
  - B. An 80-wire cable
  - C. Operating system support
  - D. All of the above

7. On the primary IDE channel, if a single hard disk is attached, its jumper should be set to \_\_\_\_\_.
  - A. Slave
  - B. Single if available; otherwise Master
  - C. Master
  - D. Boot
8. Which type of SCSI termination uses voltage regulators inside the terminator?
  - A. Active
  - B. Passive
  - C. High-byte
  - D. All of the above
9. You install a new UltraATA/100 hard disk in an old PC, connecting it directly to the primary IDE on the motherboard. You use the 80-wire ribbon cable that came with it. Performance testing indicates that the new drive is not performing up to UltraATA/100 standards. What could you try next?
  - A. Reformat the hard disk using NTFS 5.0.
  - B. Add an ATA/100-compatible expansion board and connect the drive to it.
  - C. Partition the disk into smaller logical drives.
  - D. Set up the drive in BIOS Setup to use PIO mode 4.
10. Which AT command resets the modem?
  - A. ATH0
  - B. ATMO
  - C. ATZ
  - D. ATDT
11. While inspecting a motherboard, you notice a discolored area. What is usually a cause of this?
  - A. Spilled liquid
  - B. Improper manufacture
  - C. Power surge
  - D. Underclocking
12. What does the red stripe on a ribbon cable indicate?
  - A. Pin 16
  - B. Pin 1
  - C. The manufacturer's trademark
  - D. Parity
13. Display devices can be connected to a PC using DB-15 connectors or \_\_\_\_\_.
  - A. HDT
  - B. DVI
  - C. VBA
  - D. VBP

14. What utility can be used with Windows XP to format drives?
- A. Disk Design
  - B. Disk Plan
  - C. Disk Management
  - D. Disk Prep
15. Which ATA standard supports UltraDMA/133?
- A. ATA-7
  - B. ATA-8
  - C. ATA-9
  - D. ATA-10
16. What type of female DB-style connector does SCSI-2 use? (Choose all that apply.)
- A. 25-pin
  - B. 50-pin
  - C. 68-pin
  - D. 72-pin
17. Internally, what type of wire ribbon cable does SCSI use?
- A. 25-pin
  - B. 50-pin
  - C. 68-pin
  - D. 72-pin
18. When changing display devices or upgrading to a newer one, what is one of the most crucial components to have?
- A. Manufacturer's resolution recommendations
  - B. Antistatic mat
  - C. Ribbon cable
  - D. Correct driver
19. Every computer has a diagnostic program built into its BIOS called the \_\_\_\_\_.
- A. CMOS
  - B. BIOS
  - C. POST
  - D. DNS
20. What two devices are commonly used to cool components within a PC? (Choose two.)
- A. Fans
  - B. Compressed air
  - C. Freon
  - D. Heat sinks