

## Module 3 A+ Review Quiz

The following are review questions for the A+ module 3.

1. What does ESD stand for?
  - a. Electronic stasis device
  - b. Electrostatic discharge
  - c. Electric surge device
  - d. Electronic system driver
  
2. How do you best prevent damaging a computer with static electricity?
  - a. Always use a rubber mat as a work surface
  - b. Always touch a ground point on the chassis to discharge static
  - c. Always take off your shoes before working inside a computer
  - d. Always wear an ESD strap when working inside a computer
  
3. To help prevent ESD, humidity levels should be kept at?
  - a. between 20 percent - 30 percent
  - b. Exactly 50 percent
  - c. Humidity is not a factor
  - d. Above 50 percent
  
4. The PC power supply:
  - a. Provides AC current to the system components
  - b. Converts AC power to DC power
  - c. Connects the computers components to a power source
  - d. Protects the computer components against power surges
  
5. The power supply voltage can be checked by measuring the P8 and P9 connections with a:
  - a. Multiprobe
  - b. Cable tester
  - c. Multimeter
  - d. Battery
  
6. What is a memory bank?
  - a. The cache where memory is stored
  - b. The actual slot that memory goes into
  - c. The collection of all memory
  - d. Virtual memory
  
7. The correct positioning when installing SIMM modules is indicated by a:
  - a. Missing pin
  - b. Red stripe
  - c. Notch on one end
  - d. Red 1

8. To install a DIMM module, you need to:
  - a. Line up straight over the socket and press in
  - b. Tilt 45 degrees and push
  - c. Press down on the lever
  - d. Line up all metal pins and slide
  
9. Which components reside in expansion slots on the motherboard?
  - a. CPU, RAM, and power plugs
  - b. Keyboard, mouse, and printer
  - c. Network interface, sound, and SCSI cards
  - d. CD-ROM, floppy, and hard drives
  
10. The purpose of expansion slots is to:
  - a. Expand the CPU
  - b. Allow the hard drive and floppy drive to communicate with the CPU
  - c. Add processing power to the computer
  - d. Allow the addition of optional components
  
11. Care should be taken when handling an expansion card. Do not touch the:
  - a. Metal bracket
  - b. Metal edge connectors
  - c. Corners of the card
  - d. Connector slots
  
12. Which type of expansion card is configured using software instead of jumpers?
  - a. Configured cards
  - b. 32-bit cards
  - c. 16-bit cards
  - d. Plug and Play cards
  
13. When you connect a ribbon cable, install the connector by:
  - a. Connecting the black stripe to pin #1
  - b. Connecting the black stripe to pin #2
  - c. Connecting the red stripe to pin #1
  - d. Connecting the red stripe to pin #2
  
14. When installing an IDE drive, which jumper settings are not a factor:
  - a. Single
  - b. Slave
  - c. Master
  - d. Secondary

15. The length of cable for an IDE/ATA hard drive is limited to:

- a. It is not limited
- b. 12" exactly
- c. 18" and less
- d. 20" or more

16. How should the jumpers be set on your IDE CD-ROM drive when it is attached to the primary IDE adapter with your hard drive?

- a. Master
- b. Slave
- c. Remove the jumpers
- d. Auto

17. Plugging in or unplugging a keyboard with the power turned on can damage the:

- a. Hard drive
- b. Mouse
- c. Motherboard
- d. Keyboard

18. A mouse plugs into a:

- a. RJ11 port
- b. PS/2 or USB
- c. Parallel port
- d. RJ45 port

19. How are PCI devices configured?

- a. During DOS boot
- b. The Internet
- c. Windows setup
- d. They are always self-configuring

20. How many pins are there in an IDE connector?

- a. 80
- b. 50
- c. 68
- d. 40

21. The length of a SCSI cable is determined by the:

- a. Number of devices
- b. Computer's speed
- c. SCSI device
- d. Thickness of the cable

22. A technique that loads the system BIOS from ROM into system RAM during the boot is:

- a. Fault tolerance
- b. Int19
- c. Shadowing
- d. Loading

23. Basic instructions for CPU and I/O device communication are located in:

- a. CMOS
- b. Windows configuration files
- c. DOS
- d. BIOS

24. Which software or firmware routine is executed first during the computer boot up procedure?

- a. BIOS
- b. CMOS
- c. CONFIG.SYS
- d. WIN.INI

25. Circuit boards or devices should not be added or removed:

- a. Until software is installed
- b. With a grounding strap on
- c. Until the computer is not busy
- d. With power on

## Answer Key

1. b
2. d
3. a
4. b
5. c
6. b
7. c
8. a
9. c
10. d
11. b
12. d
13. c
14. d
15. c
16. b
17. c
18. b
19. d
20. d
21. c
22. c
23. d
24. a
25. d