

Test #1

Name: _____

Date: 4/14/14

Net 1025 Section AA

Instructor: Lori Collier

Week 2

1) Please label the ports below (10pts):



USB Ports

Firewire Port/IEEE 1394

PS/2 Connectors/ Mouse and Keyboard Connectors

2) Please label the ports below (10pts):



VGA Port

DVI Port

RJ-45 / Ethernet Port

Multiple Choice (10pts each):

- 3) A small shock of electricity transferred from a computer or other electronic component to a person is known as:
- A. EMF.
 - B. RFI.
 - C. EMI.
 - D. ESD.**
- 4) Which of the following is the **MOST** effective means for a technician to prevent ESD damage when installing RAM?
- A. Touching grounded metal before contacting components
 - B. Ensuring the AC plug has a ground post
 - C. Wearing a grounded wristband**
 - D. Wearing rubber-soled shoes
- 5) Which of the following should a technician do to protect exposed hardware from ESD?
- A. Touch a piece of metal to discharge any static electricity.**
 - B. Touch one of the computer expansion cards to discharge any static electricity.
 - C. Touch the motherboard to discharge any static electricity.
 - D. Touch the floor to discharge any static electricity.
- 6) Which of the following is the **FIRST** thing a technician should do before putting their hand inside a computer case?
- A. Acquire the appropriate tools that are going to be used.
 - B. Remove loose jewelry.**
 - C. Put on an ESD strap.
 - D. Refer to manufacturer documentation.
- 7) Which of the following connectors uses the main board ATX connector type?
- A. Centronix
 - B. 20/24 pin**
 - C. BNC

D. Molex

- 8) The customer calls a technician and informs them that their keyboard was cleaned with a solution, and now their fingers sting. Where would the technician or medical personnel find information about the substance on the keyboard?
- A. The MSDS**
 - B. The local fire department
 - C. The Standard Operating Procedures manual
 - D. The facilities department of the company
- 9) When a PC is turned on, which of the following tests the CPU, memory, chipset, video adapter, disk controllers, disk drives, and keyboard?
- A. BIOS setup
 - B. POST**
 - C. CMOS chip
 - D. Bootstrap loader
- 10) The user boots their computer in the morning to discover the message OS not found. Which of the following would recover from that error without data loss?
- A. Insert the system boot disk and repair the operating system.**
 - B. Install a new hard drive and restore the system.
 - C. Restore the BIOS configuration to default to recognize the drive.
 - D. Use the manufacturers supplied system recovery disk and restore the system.

BONUS: Labeling Motherboard Components (5pts each)

- 1) Circle and label the CMOS battery
- 2) Circle and label the RAM slots
- 3) Circle and label the location of where the processor sits
- 4) Circle and label the location of the 20-pin motherboard power connector
- 5) Circle and label the location of the Northbridge chipset
- 6) Circle and label the location of the Southbridge chipset.
- 7) Circle and label the AGP slot.
- 8) How many PCI/PCIe expansion slots are available on this motherboard?

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