**ITM-301 Homework #5 (Chapter 8)**

**Reviewing the Basics**

1. **Which is faster, an eSATA-600 port or a FireWire 800 port?**

Answer: Maximum speed of eSATA-600 port : 6.0 Gbps;

Maximum speed of FireWire 800 port: 1.2 Gbps or 1500 Mbps.

Hence, an eSATA-600 port is faster.

1. **What is the speed for Hi-Speed USB?**

Answer: Maximum speed of Hi-Speed USB: 480 Mbps.

1. **Which is faster, Wi-Fi 802.11n or Bluetooth?**

Answer: Maximum speed of Wi-Fi 802.11n: 11 - 54 Mbps;

Maximum speed of Bluetooth: 3 Mbps.

Hence, Wi-Fi 802.11n is faster.

1. **Will a printer rated to use USB 3.0 work when you connect the printer’s USB cable into a USB 2.0 port on your computer?**

Answer: Yes, but it will work at the speed of USB 2.0.

1. **What is the easiest way to tell if a USB port on a notebook computer is using the USB 3.0 standard? What is it’s 3.0 always on?**

Answer: Check the color of the port because USB 3.0 A-Male and B-Male connectors and ports are blue.

1. **Name two types of ports a keyboard might use.**

Answer: USB or older PS/2 port

1. **Which Windows utility is most likely the one to use when uninstalling an expansion card?**

Answer: Device Manager

1. **Would you expect all the devices listed in BIOS setup to also be listed in Device Manager? Would you expect all devices listed in Device Manager to also be listed in BIOS setup?**

Answer: I would expect all the devices listed in BIOS setup to also be listed in Device Manager but I would not expect all devices listed in Device Manager to also be listed in BIOS setup. Because device Manager is the primary Windows tool to manage hardware devices.

1. **Which speaker port should you use when connecting a single speaker to a PC?**

Answer: The lime green audio port on the motherboard, which is usually the middle port

1. **How much data can a double-sided, single-layer BD hold?**

Answer: 25GB

1. **What are the group of standards that represent music in digital form?**

Answer: MIDI (musical instrument digital interface)

**Thinking Critically**

1. **If a PS/2 keyboard does not work on your system and yet you know the keyboard is good, what is the best solution?**

Answer: b. Install a USB keyboard on a USB port.

1. **You plug a new scanner into a USB port on your Windows 7 system. When you first turn on the scanner, what should you expect to see?**

Answer: b. You see the Found New Hardware Wizard launch.

1. **You turn on your Windows 7 computer and see the system display POST messages. Then the screen turns blue with no text. Which of the following items could be the source of the problem?**

Answer: c. Windows

1. **You have just installed a new sound card and its drivers and connected the speakers and amplifier. You insert a music CD into the drive to test the drive. Windows Media Player launches and says it is playing the CD, but you don’t hear music. What do you do first?**

Answer: a. Check the volume controls on the speaker amplifier.