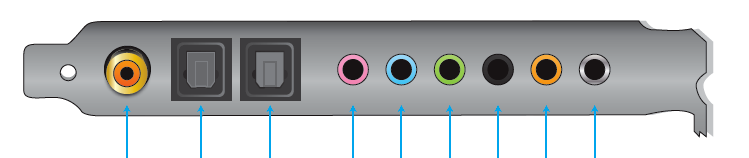
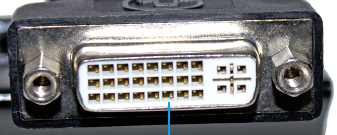
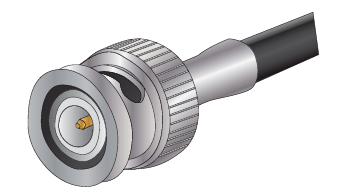
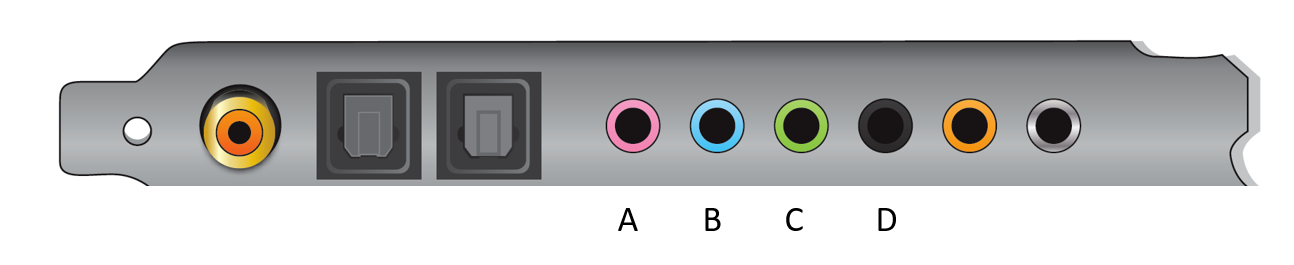
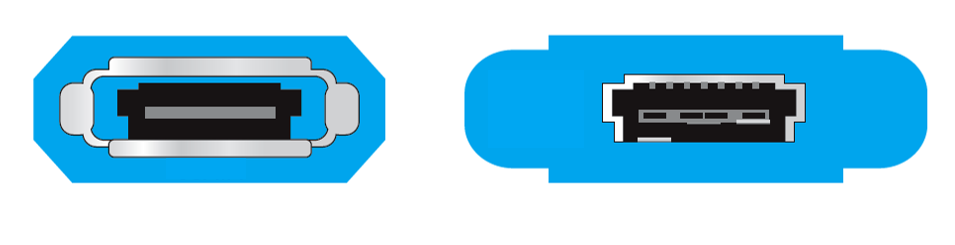
chapter 2

# chapter Exam

This exam is provided as a checkpoint exam to see whether students have achieved some of the more important concepts.

1. Which two ports sometimes are identical in shape, size, and conductors? (Select two.)   
   [ VGA | DVI-I | RJ-45 | DVI-A | RJ-11 | mouse | S/PDIF ]
2. Refer to the graphic. What type of adapter would have ports like this on it?  
   
3. Video
4. Sound
5. Network
6. KVM sharing
7. Which port adapter would convert from an analog signal to a digital signal?   
   [ Thunderbolt-to-DVI | Thunderbolt-to-VGA | VGA-to-DVI | DVI-I-to-HDMI ]
8. How would an internal USB connector be connected to add USB ports?  
   [ card plugged into an expansion slot | cables connected to motherboard pins | an existing USB port on the device | USB-to-serial port converter ]
9. In which instance would a technician be required to use a micro- or mini-USB cable?
   1. To connect more devices to a PC display
   2. To convert a DB-9 port to USB
   3. To connect certain portable devices to the computer
   4. To charge any device while it is connected
10. What is the maximum USB 3.0 cable length according to the specifications?  
    [ 3’ | 9.8’ | 6’ | 12.3 | no maximum ]
11. What is the difference between an RJ-45 port and an RJ-11 port?
12. RJ-45 has 8 conductors; RJ-11 has 4 conductors.
13. RJ-45 supports fiber connections; RJ-11 supports copper connections.
14. The RJ-45 jack looks like a phone jack; the RJ-11 jack looks like an RCA jack.
15. RJ-11 is found on a modem; RJ-45 is found on a sound card.
16. Refer to the graphic. Which USB symbol can be found on USB 3.0 cables that transmit up to 5Gb/s? [ A | B | C | D ]  
    
17. Which device would attach to the port shown in the graphic?   
    [ printer | keyboard | audio device | display ]  
    
18. Where is the cable shown commonly found? (See the graphic.)  
    [ in a video network | in a computer network | on a PC monitor | on an external hard drive ]  
    
19. List the type of port that is shown? (See the graphic.) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
    
20. Using the same graphic as Question 11, list one device that would connect to such a port. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
21. Refer to the graphic. A user has a set of USB speakers. Which port is going to be used to connect the speakers? [ A | B | C | D ]  
    
22. What standard is associated with FireWire?   
    [ IEEE 802.1Q | IEEE 802.11 | IEEE 1156 | IEEE 1394 ]
23. Refer to the graphic. What is the difference between the two eSATA ports?  
    
    1. The port on the left can supply power; the one on the right cannot.
    2. The port on the right can accept both eSATA and USB cables.
    3. The port on the left can support both FireWire and eSATA devices.
    4. The port on the right is on a Mac; the one on the left is on a PC.
24. What is the most common type of network port found on a PC?  
    [ ArcNet | Token Ring | LANTastic | Ethernet ]
25. Which type of port is found on an Ethernet port?   
    [ RJ-45 | miniDIN | S/PDIF | coax ]
26. Which wireless technologies are used with input and output devices? (Select all that apply.)  
    [ WiMAX | satellite | IR | NFC | BigFoot | Bluetooth | Radio | Sirius ]
27. You have a male instructor named John Smith. What would be an appropriate title to use when addressing him in an email?
    1. Dear John
    2. Dear John Smith
    3. Dear Professor
    4. Dear Dr.
28. Which two technologies work in the 2.4GHz range and would be used to support a wireless mouse? [ WiMAX | satellite | IR | NFC | BigFoot | Bluetooth | Radio | Sirius ]

# chapter Exam Answers

1. Mouse and keyboard
2. B
3. VGA-to-DVI
4. Cables connected to motherboard pins
5. C
6. 9.8’
7. A
8. C
9. Display
10. In a video network
11. USB
12. Answers will vary, but could include mouse, keyboard, printer, flash drive, and external hard drive.
13. C
14. IEEE 1394
15. B
16. Ethernet
17. RJ-45
18. IR, radio, Bluetooth, and NFC
19. C (Not all professors have their doctorate degree.)
20. Bluetooth and radio