

3 juni 2013

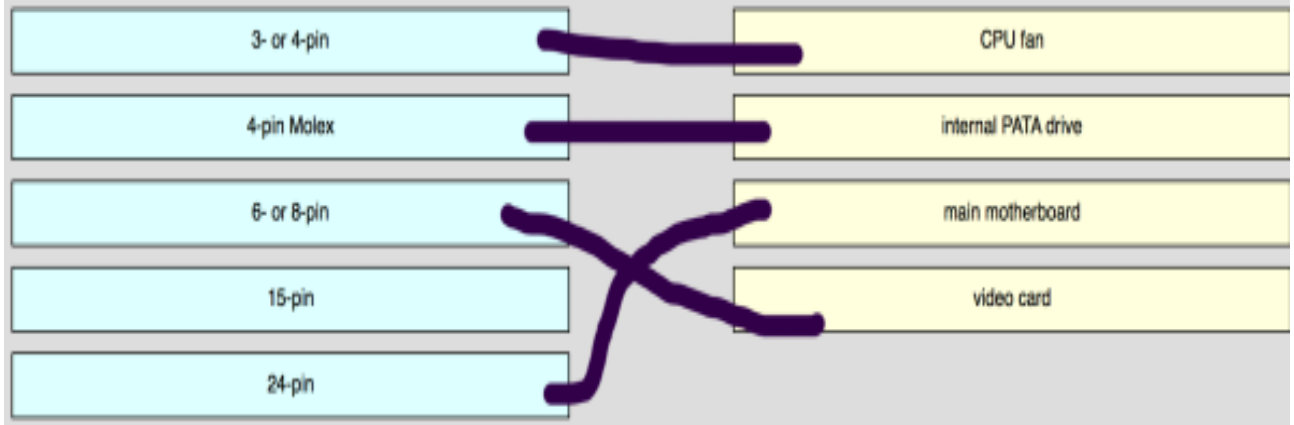


**"WE ARE ANONYMOUS, WE ARE LEGION, WE DO NOT FORGIVE, WE DO NOT FORGET. EXPECT US."**

**[KUNCI A+ CERT PRACTICE EXAM 1 IT ESSENTIALS]**

Manfaatkan sebaik mungkin yeah kawan – kawan ku tercinta :) :D :\*

1. This is a flash item. Please click below to answer this item.



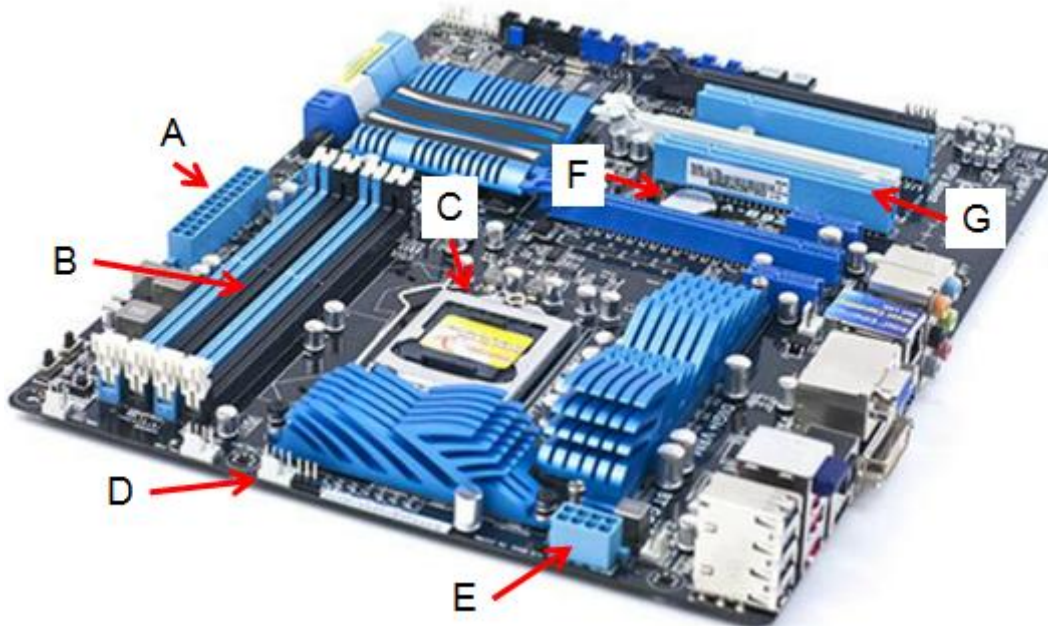
2. Which three PC desktop functions are typically provided on the front panel and must be connected to the motherboard?

**PC power button**

**network activity light**

**USB connectors**

3. This is a flash item. Please click below to answer this item.



A	Auxilliary power socket
B	Powers CMOS when computer is off
C	CPU socket
D	Memory slot
E	Main motherboard power socket
F	
G	

4. What wireless networking standard has a range of 250 meters (820 feet)?  
**802.11n**

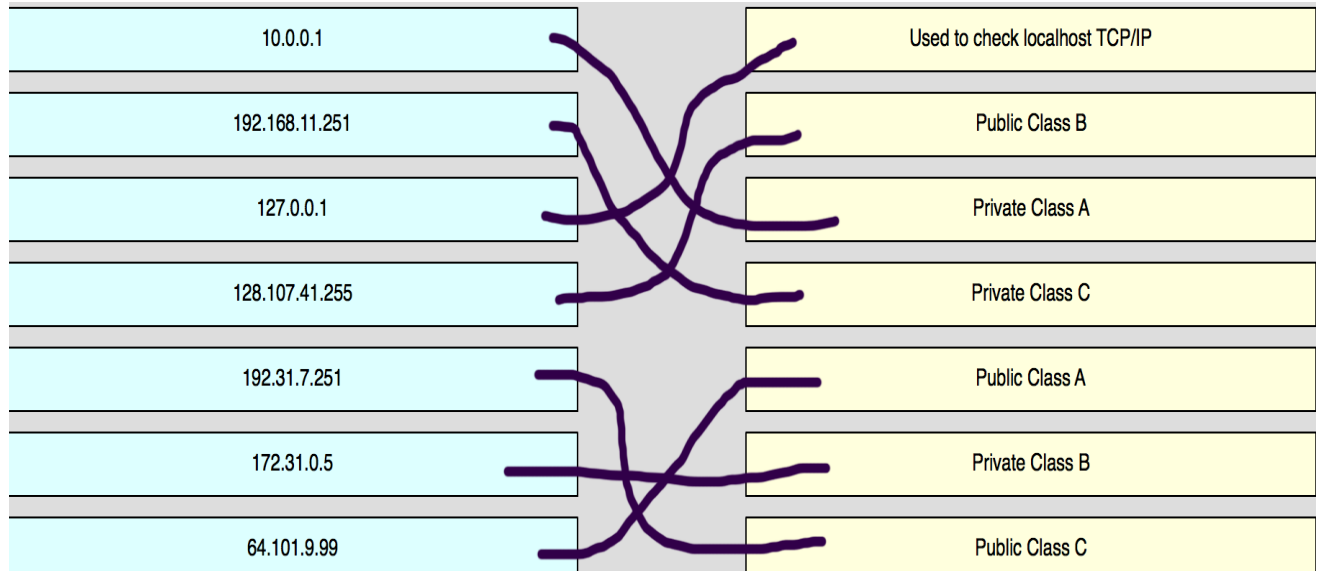
5. A customer asks for a solution to a printer problem that is beyond the knowledge level of the technician. What should the technician do?

**Gather as much information as possible and escalate the problem.**

6. What is the expected behavior of an ADSL service?

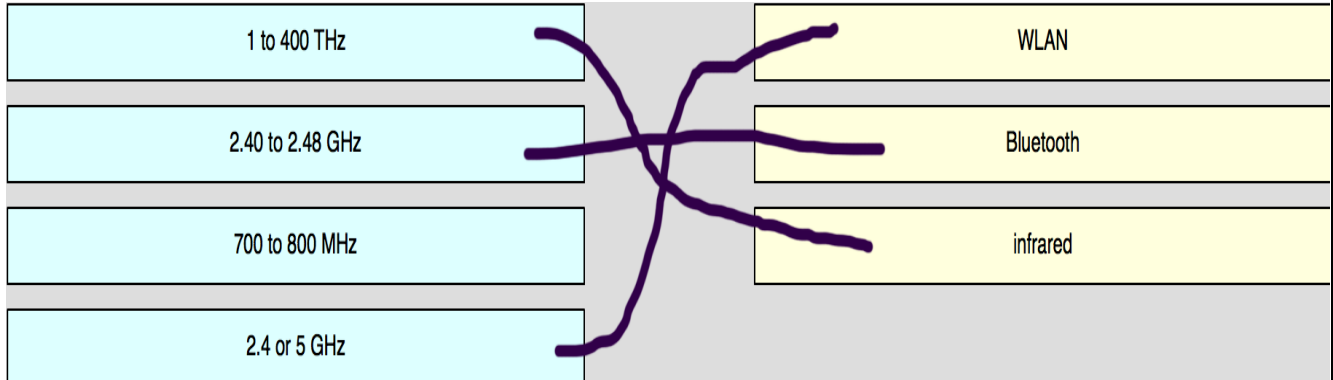
**The download rate is faster than the upload rate.**

7. This is a flash item. Please click below to answer this item.



8. A technician attempts to increase the brightness of a laptop screen by using the function keys but the attempt fails. What could be the problem?  
**The inverter has failed.**
9. A user is reporting that an inkjet printer is printing colors different from what the printer should be printing. The printer has separate cartridges for each color and the user changed the cyan cartridge recently. What is the action that could fix the problem?  
**Perform a printer head cleaning.**
10. Which two statements are correct about the inverter and backlight display components in a laptop?  
**DC power is required by the backlight in some types of screens.**  
**AC power is required by the backlight in some types of screens.**
11. A technician is required to replace a faulty power supply in a desktop PC. The PC motherboard has a 24-pin ATX socket but the only available replacement power supply is one with a 20-pin connector. Delivery of new power supplies with 24-pin connectors is not expected until the next day, but the user requires the PC to be operational as soon as possible. What can the technician do in these circumstances?  
**The technician can install the power supply and insert the 20-pin connector into the 24-pin socket on the motherboard.**
12. A computer technician has recommended a data storage system that combines data striping and parity. The user has a limited budget and is prepared to forego performance to implement this system. Which RAID system would meet these requirements?  
**RAID 5**
13. A technician is troubleshooting a PC unable to connect to the network. What command should be issued to check the IP address of the device?  
**ipconfig**

14. This is a flash item. Please click below to answer this item.



15. Which feature will assign a computer an IP address even if there is no working DHCP server in the network?

**APIPA**

16. Which two motherboard components connect to the Northbridge chipset?

**RAM**

**video card**

17. What are the two widths of internal hard drives in laptops?

**1.8 inches**

**2.5 inches**

18. A user has a computer with a single hard drive and a RAID adapter installed. Which additional component is necessary to complete the RAID installation?

**one or more additional hard drives**

19. What are two examples of component information that can usually be displayed when using the BIOS utility of a computer?

**RAM capacity**

**CPU manufacturer and speed**

**POST results**

20. A user has just upgraded a gaming system with 8GB of DDR3 800 MHz RAM and still finds that the system lags during gameplay. The system has a high end graphics card, liquid cooling, and a 7,200 rpm EIDE drive. What can the user do to improve system performance?

**Replace the EIDE drive with an SSD.**

21. A PC has one floppy drive, two EIDE drives, and one EIDE DVD drive. Which two connector types would have to exist on the power supply unit to power on all these devices?

**Berg**

**Molex**

22. A user wants to purchase a monitor that will be light, consume the least amount of power, and provide deep dark levels in the display. Which display type would best meet these requirements?

**OLED**

23. A user has connected a USB 3.0 device to a computer using a 3 ft (1m) USB 3.0 cable. However, instead of an expected data transfer rate of up to 5 Gb/s, the user notes a data transfer rate of no more than 450 Mb/s. What is the most probable reason for this lower than expected data transfer rate?  
**The device was connected to a USB 2.0 port on the computer.**
24. What is a characteristic of DDR SDRAM?  
**It transfers data twice per clock cycle compared to once per clock cycle for SDRAM.**
25. Where is the integrated Wi-Fi antenna typically located in a laptop?  
**above the screen**
26. Because of limited space on a laptop keyboard, some keys have a dual-purpose. What are these keys called?  
**function keys**
27. Which setting must be turned on in order to share a printer in Windows 7?  
**File and Printer Sharing**
28. A technician working on a computer discovers what is suspected to be illegal activity. Which three pieces of information should be immediately documented?  
**evidence of the suspected illegal activity**  
**location of the computer**  
**why the computer was accessed by the technician**
29. Which two PC settings can be configured using the BIOS setup utility?  
**boot sequence**  
**virtualization support**
30. A technician wants to allow many computers to print to the same printer, but does not want to affect the performance of the computers. What will the technician do to achieve this?  
**Use a hardware print server.**
31. What memory type is also known as PC3-10600?  
**DDR3-1333**
32. Which protocol automates assignment of IP addresses on a network, and which port number does it use?  
**DHCP**  
**67**
33. Which two motherboard components are directly managed by the Southbridge chipset?  
**USB 3.0 devices**  
**FireWire devices**
34. Which laptop component is required to be replaced or upgraded by a technician rather than by a computer user?  
**inverter**
35. Which two field replaceable units could be found in a laser printer maintenance kit?  
**fuser assembly**

**pickup rollers**

36. What is a feature that can be used by an administrator to prevent unauthorized users from connecting to a wireless access point?

**MAC filtering**

37. What technology is an IP based 4G broadband technology that offers high speed Internet access for distances up to 30 miles (48 km)?

**WiMAX**

38. Which design specification criterion is most important when designing a computer that will be a thin client whose applications are accessed from a remote virtual server?

**speed of network card**

39. Which adapter would a technician install in a desktop computer to enable a video signal to be recorded from a video recorder to the computer hard drive?

**video capture card**

40. A support desk technician is dealing with an angry customer. Which two approaches should the technician take in dealing with the customer?

**Work to redirect the conversation to solving the problem.**

**Let the customer explain the problem without interrupting.**

41. Which type of network consists of several geographically dispersed networks that cover a large area?

**WAN**

42. Which three components would a technician use in building a CAD workstation?

**multicore processors**

**maximum RAM**

**specialized graphics card**

43. How should a technician dispose of an empty inkjet printer cartridge?

**Follow local regulations for disposal.**

44. Which display type uses the most power?

**plasma**

45. What are plenum rated cables used for?

**for cables that are installed inside the floors and ceilings of buildings**

46. A technician opens up a PC to work on it, and finds that it is very dusty inside. What should the technician do?

**Use a can of compressed air to remove excess dust.**

47. This is a flash item. Please click below to answer this item.

20 and 21	FTP
23	HTTP
80	HTTPS
443	RDP
3389	

48. A technician is building a workstation that will be used for virtualization. Which two components would the technician use?

**multicore processors**  
**maximum amount of RAM**

49. A technician is troubleshooting a PC in a workplace environment and finds many pirated movies on the hard drive. What should the technician do?

**Report the findings through the proper channels.**

50. Which two adapter card slots are used by video adapter cards installed in desktop PCs?

**AGP**  
**PCIe**

51. Which device provides a consistent quality of power when brownouts and blackouts occur, and may enable a computer to safely shut down after saving data when a power outage occurs?

**uninterruptible power supply**

52. Which two hardware features would a technician monitor within the BIOS if a computer was suspected of overheating?

**CPU fan speed**  
**CPU clock speed**



53. This is a flash item. Please click below to answer this item.



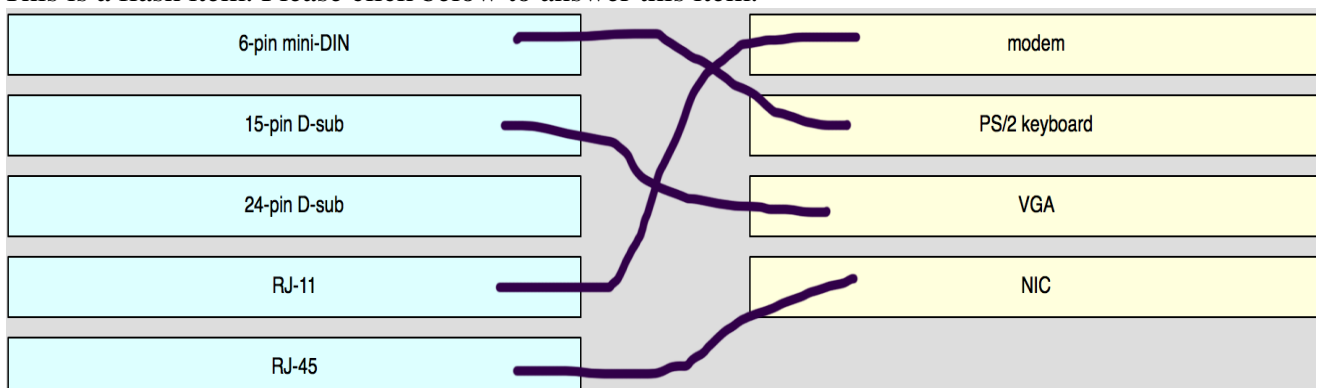
AGP	A
ISA	B
MCA	C
PCI	
PCIe x1	
PCIe x16	

Handwritten purple lines connect the options to the slots: AGP to A, ISA to B, and PCIe x16 to C.

54. Why should a technician avoid opening the casing of a power supply?  
**Hazardous levels of electricity may be present inside the power supply.**

55. Which three features can be configured in the BIOS settings to secure a computer?  
**passwords**  
**TPM**  
**drive encryption**

56. What process takes place in a laser printer after the drum is conditioned for the new latent image?  
**exposing**
57. Which two items are expansion options for a laptop?  
**ExpressCard**  
**PC Card**
58. Which security mode supports robust encryption, and can be enabled with password authentication (personal) or server authentication (enterprise)?  
**WPA2**
59. A technician is configuring a PC for maximum performance and the highest level of data protection. Which RAID configuration would the technician use?  
**0+1**
60. A technician is performing a memory upgrade. What would be the result of attempting to install a DDR2-800 module in a computer that already has a DDR2-667 module installed?  
**The computer will run at the slower memory speed.**
61. Which type of storage would be best in a tablet computer that belongs to a small child?  
**SSD**
62. A user needs to connect a cable to the PC to deliver digital video signals only. Which type of cable should be used?  
**DVI-D**
63. Which two types of connector are used for fiber optic cable?  
**SC**  
**ST**
64. Which solid-state storage technology allows a computer BIOS to be upgraded by flashing?  
**EEPROM**
65. Which topology type describes the process that hosts use to access and communicate on a network?  
**logical**
66. Which resolution would provide the best visual quality on a plasma monitor?  
**native**
67. This is a flash item. Please click below to answer this item.



68. Which three connection technologies allow a user to connect a printer to a computer using a wired connection?  
**Ethernet**  
**USB**  
**Paralel**
69. A customer who travels frequently wants to know which technology is the most suitable for being connected to the corporate network at all times at low cost. Which network technology would a network administrator recommend?  
**Cellular**
70. A user is configuring a wireless access point and wants to prevent any neighbors from discovering the network. What action does the user need to take?  
**Disable SSID broadcast.**
71. A technician is building a thick client workstation that would be used to run a database and wants to ensure the best protection against errors. What type of memory would be best suited for this?  
**ECC**
72. In which situation would it be appropriate for a technician to back up personal and confidential data from a computer belonging to a customer?  
**if the customer permits it**
73. On a laptop keyboard, which three functions can typically be accessed through the use of special function keys?  
**wireless functionality**  
**display brightness**  
**volume settings**
74. Which device converts digital signals to analog signals and vice versa?  
**MODEM**
75. Which fire protection system would be best for a university computer/electronics lab?  
**a nonwater based fire extinguisher**
76. What is the first step a technician should take when preparing to work on the inside of a computer?  
**Disconnect the computer from power.**
77. What is an advantage of using a printer that is connected to a hardware print server compared with a computer-shared printer?  
**A hardware print server is always available to all users.**
78. Which connector would be used for a laptop external hard drive?  
**eSATA**
79. A technician is setting up a network in a new room. What is the best device to use to connect the PCs to each other and to the rest of the LAN?  
**switch**

80. A user is connecting a home entertainment system and wants to use one cable to carry all the digital video and audio signals from the source device to the LCD TV. What type of cable should the user use?

**HDMI**

81. Which RAID level allows for extension of a dynamic volume without any redundancy?

**0**

82. What type of printer requires the ribbon to be changed when producing faded and light characters?

**impact**