

## CompTIA IT Fundamentals v6.0 (FC0-U51)

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## Question 266 ( Topic 3 )



You work as a Network Administrator for Tech Perfect Inc. The company has a Windows-based network. You do maintenance work on a Windows 2000 Professional computer. You require to perform the following jobs:

Exhaustive disk checking.

Locate bad sectors (if any).

Recover readable information.

Which of the following commands will you use to accomplish the task?

- A. CHKDSK /v
- B. CHKDSK /i
- C. CHKDSK /f
- D. CHKDSK /r

[Expose Correct Answer](#)

Answer : **D**

Explanation: In order to accomplish the task, you will have to run the following command. CHKDSK /r The CHKDSK command verifies the integrity of the hard disk installed on a computer. Using the command with different parameters can resolve a number of issues, which are described as follows: SwitchDescription CHKDSK /f It fixes all the errors on the hard disk of a computer. CHKDSK /v It displays the full path and name of every file on the disk. CHKDSK /r It locates bad sectors and recovers readable information. CHKDSK /l It changes the log file size to the specified number of kilobytes. If the size is not specified, it displays the current size. CHKDSK /i It performs a less vigorous check of index entries. CHKDSK /c It skips checking of cycles within the folder structure. Reference: TechNet, Contents: "Chapter 27 - Troubleshooting Disks and File Systems"

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### Question 267 ( Topic 3 )



Which of the following statements about Hardware Compatibility List (HCL) are true?  
Each correct answer represents a part of the solution. Choose two.

- A.** It ensures that a computer and its components are compatible with the operating system before the operating system is installed.
- B.** It contains the listing of all the hardware that operating systems vendors have tested with their operating systems.
- C.** It ensures that a computer and its components are working properly.
- D.** It contains the license to use operating systems.

Expose Correct Answer

Answer : **A,B**

Explanation: The Hardware Compatibility List (HCL) contains the listing of all the hardware that operating systems vendors have tested with their operating systems. Through HCL, an administrator can be sure that a computer and its components are compatible with the operating system before the operating system is installed. HCL helps administrators to verify that the CPU, RAM, storage devices, various interface cards, and other hardware components are supported by the operating systems. Reference:  
"http://www.microsoft.com/whdc/hcl/default.mspx"

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### Question 268 ( Topic 3 )



Identify the ports in the image given below.

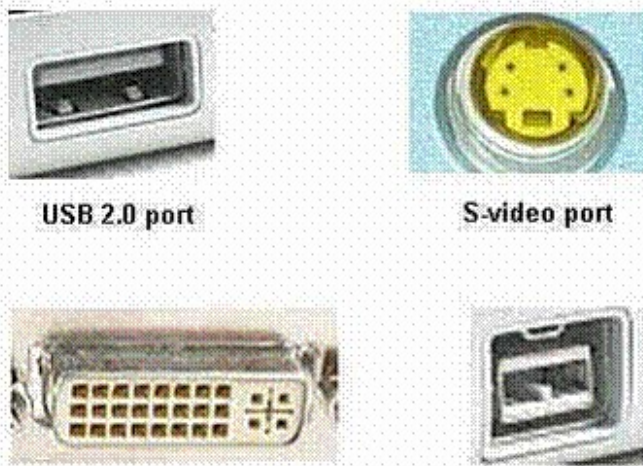
Drag an item from the item list and drop it on the appropriate spot. To remove an item, drag and drop it anywhere on the window.



Drag an item from the item list and drop it on the appropriate spot. To remove an item, drag and drop it anywhere on the window.



Explanation:



DVI-I. DVI-A is an analog-only connector, DVI-D is a digital-only connector, and DVI-I is an analog/digital connector. DVI-D and DVI-I connectors are of two types: single link and dual link. DVI supports UXGA and HDTV with a single set of links. Higher resolutions such as 1920 x 1080, 2048 x 1536, or more can be supported with dual links. S-Video, also known as Y/C video, stands for Super-Video. It is a technology for video transmission. Using this technology, the video is transmitted into two separate signals. One is used for color, and the other for brightness. Sometimes S-Video signals are considered as a type of component video signal. However, its quality is inferior to other complex component video schemes such as RGB. This technology produces sharper images than those produced by composite video, which carries the entire set of signals in a single line. For using S-Video, the device sending the signal must support S-Video output and the device receiving the signal needs to have an S-Video input jack. The FireWire 800 port is based on IEEE-1394b and uses a 9-pin connector.

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## Question 269 ( Topic 3 )



Which of the following uses a shorter wavelength and allows for almost six times more data storage than on a DVD?

- A.** Blu-ray Disc
- B.** Digital Linear Tape (DLT)
- C.** Bluetooth
- D.** Blue Jacking

Expose Correct Answer

Answer : **A**

Explanation: Blu-ray Disc, also known as Blu-ray or BD, is an optical disc storage medium. It is designed to supersede the standard DVD format for storing high-definition video, PlayStation 3 games, and other data, with up to 25 GB per single layered, and 50 GB per dual layered disc. Blu-ray Disc was developed by the Blu-ray Disc Association, a group representing makers of consumer electronics, computer hardware, and motion pictures. The disc has the same physical dimensions as standard DVDs and CDs. It is called Blu-ray Disc because of the blue-violet laser which is used to read the disc. Blu-ray uses a shorter wavelength, a 405 nm blue-violet laser, and allows for almost six times more data storage

which typically contains a message in the name field to another Bluetooth enabled device via the OBEX protocol. Answer option B is incorrect. Digital Linear Tape (DLT) is a magnetic tape data storage technology developed by Digital Equipment Corporation (DEC). DLT drives support hardware data compression. Media are guaranteed for 30 years of data retention under specified environmental conditions. However, they are easily damaged by mishandling. Current manufacturers of cartridges for the DLT market are Fujifilm, Hitachi/Maxell and Imation. Reference: "[http://en.wikipedia.org/wiki/Blu-ray\\_Disc](http://en.wikipedia.org/wiki/Blu-ray_Disc)"

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### Question 270 ( Topic 3 )



You are responsible for technical support at a hospital. Recently, all computers have been upgraded to Windows Vista 64 bit. However, you have a particular custom application that runs only in 32 bit.

What should you do?

- A.** You will have to uninstall the upgraded operating system.
- B.** Use compatibility mode to run the 32-bit application.
- C.** You will need a 32-bit version of Vista, not 64 bit.
- D.** You will need to get the upgraded 64-bit version of the application.

Expose Correct Answer

Answer : **B**

Explanation: You can right-click on a programs icon and go to properties. There you will find a compatibility mode tab. This will allow you to run individual programs in 32 bit.

Answer options C and A are incorrect. You can run the 32-bit application on the 64 bit Vista using certain applications. Answer option D is incorrect. Software vendors do not immediately release new products for newer versions of Windows. Reference:

<http://www.howtogeek.com/howto/windows-vista/using-windows-vista-compatibilitymode/>

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