# ITExams

Exam code or name...

# CompTIA IT Fundamentals v6.0 (FC0-U51)
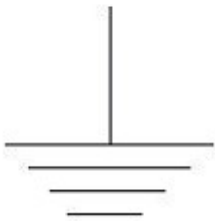
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## Question 216 ( Topic 3 )

Which of the following does the image denote?



**A.** Ground
**B.** Capacitor
**C.** Resistor
**D.** Terminator

Expose Correct Answer

Answer : **A**

Next Question

## Question 217 ( Topic 3 )

Mark purchases a new computer and installs the Windows 2000 Professional operating system on it.
He wants to connect the computer to the Internet. Which of the following actions can he take to protect his computer from unauthorized access, adware, and malware?
Each correct answer represents a complete solution. Choose two.

**A.** Configure a firewall on the computer.
**B.** Configure auditing on the computer.
**C.** Set hidden attributes on his important files.
**D.** Install all the service packs available for the operating system.

Answer : **A,D**

Explanation: In order to protect his computer from unauthorized access, adware, and malware, Mark can take the following actions: Install all the service packs available for the operating system. Configure a firewall on the computer. What is Service Pack? A service pack is a collection of Fixes and Patches in a single product. A service pack can be used to handle a large number of viruses and bugs or to update an operating system with advanced and better capabilities. A service pack usually contains a number of file replacements. What is a firewall? A firewall is a tool to provide security to a network. It is used to protect an internal network or intranet against unauthorized access from the Internet or other outside networks. It restricts inbound and outbound access and can analyze all traffic between an internal network and the Internet. Users can configure a firewall to pass or block packets from specific IP addresses and ports. Answer option C is incorrect. Setting hidden attributes on files cannot protect computers from unauthorized access, adware, and malware. Answer option B is incorrect. Configuring auditing will not protect computers from unauthorized access, adware, and malware. Auditing is used to track user accounts for file and object access, logon attempts, system shutdown, etc. This enhances the security of the network. Reference: TechNet, Contents: " Chapter 2 - Malware Threats"

Next Question

## Question 218 ( Topic 3 )

Which of the following are types of Random Access Memory (RAM) ?
Each correct answer represents a complete solution. Choose all that apply.

**A.** EDO RAM
**B.** DRAM
**C.** SRAM
**D.** VRAM
**E.** NRAM

Answer : **A,B,D**

Explanation: These are the type of Random Access Memory: DRAM EDO RAM SRAM VRAM What is the function of DRAM? Hide Dynamic Random Access Memory (DRAM) is used as the primary memory for computers and workstations. It requires having its storage cells refreshed or given a new electronic charge every few milliseconds. What is an EDO RAM? Hide EDO RAM stands for Extended Data Out RAM. It is a type of memory, which improves performance of the computer by eliminating memory wait states. What is the function of SRAM? Hide Static Random Access Memory (SRAM) is used for a computer's cache memory and as part of the random access memory digital-to-analog converter on a video card. Unlike DRAM, SRAM does not have to be periodically refreshed. SRAM retains data bits in its memory as long as power is being supplied. SRAM is significantly faster and more expensive than DRAM. What is VRAM? Hide VRAM, also known as Video RAM, is used to store image data for processing by the video adapter. It is the memory that stores information about the pictures that display on the monitor screen. Answer option E is incorrect. There is no RAM such as NRAM.

Next Question

# Question 219 ( Topic 3 )

Which of the following devices has a 15-pin 3 row connector?

**A.** Joystick port
**B.** VGA monitor
**C.** Parallel port
**D.** Serial port

Expose Correct Answer

slower than sending 8 bits at a time via a parallel channel, but serial signals can travel much farther without degradation. Answer option A is incorrect. The joystick port has a 15-pin 2 row male connector. Answer option C is incorrect. A parallel port is a 25-pin 2 row female connector on the back of a PC. It is used to connect printers, scanners, etc. A parallel port transfers information between computers and peripheral devices 8 bits at a time. ECP, EPP, and SPP are types of parallel ports.

Next Question

## Question 220 ( Topic 3 )

Which of the following statements about Bluetooth are true?
Each correct answer represents a complete solution. Choose two.

**A.** It forms a network whenever two Bluetooth devices come within a range of ten meters.
**B.** It has a maximum transmission range of 200 meters.
**C.** It does not require a line-of-sight connection between devices.
**D.** It requires a line-of-sight connection between devices.

Expose Correct Answer

Answer : **A,C**

Explanation: Bluetooth is a standard for very low powered and short-range radio connections. As a radio technology, it does not require a line-of-sight connection as an infrared connection does. Bluetooth is used to link Personal Digital Assistant (PDA), mobile phones, and laptops, and provides them with Internet access via hot spots. It uses the 2.4 Ghz spectrums with a data transfer rate of about 1 Mbps. Bluetooth networks are not permanent as compared to other networks where a central communication point is needed such as a hub or a router. A Bluetooth network can be formed when two Bluetooth devices are within a range of ten meters, enabling them to communicate directly with each other. This dynamically created network is known as a piconet. A Bluetooth-enabled device can support up to seven other Bluetooth devices in a master-slave relationship; the first Bluetooth device is the master, and all the other devices are slaves that communicate with the master in one piconet. The maximum transmission range of Bluetooth is around 10 meters. Answer option D is incorrect. The infrared devices require a line-of-sight connection between devices. Answer option B is incorrect. The maximum transmission range of Bluetooth is around 10 meters. Reference:

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