CompTIA IT Fundamentals v6.0 (FC0-U51)
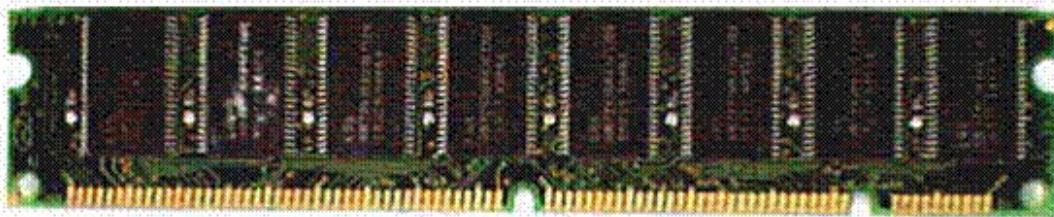
Question 276 (Topic 3)

Which type of memory chip has 168 pins?

A. DMA
B. DIMM
C. DIP
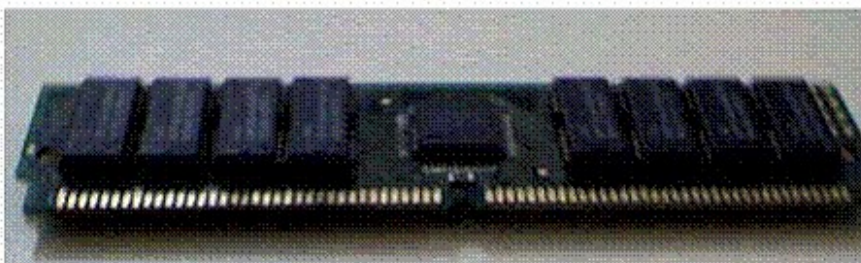**D.** SIMM

Expose Correct Answer

Answer : **B**

Explanation: The Dual inline memory module (DIMM) has 168 pins. 168-pin Dual inline memory module (DIMM)

Answer option D is incorrect. The Single inline memory module (SIMM) has 72 pins.

72-pin Single inline memory module (SIMM)

Question 277 (Topic 3)

Which of the following are removable storage devices/media?
Each correct answer represents a complete solution. Choose three.

A. CD-ROM
B. SD card
C. Hard disk drive
D. USB Pen drive

Expose Correct Answer

Answer : **A,B,D**

Explanation: CD-ROM, SD card, USB Pen drive, floppy disk, etc., are removable storage media. CD-ROM (Compact Disc Read-Only Memory) is a type of removable storage optical media. It can store up to 1GB of data, although most common CD-ROMs store 700MB of data. It comes in a standard size and format, so users can load any type of CD-ROM into any CD drive or CD-ROM player. Once data is written to a CD-ROM, it cannot be erased or changed. SD card is a removable storage device. Secure Digital (SD) card is a non-volatile memory card format used in portable devices such as mobile phones, digital cameras, and handheld computers. SD cards are based on the older MultiMediaCard (MMC) format, but they are a little thicker than MMC cards. Generally an SD card offers a write-protect switch on its side. SD cards generally measure 32 mm x 24 mm x 2.1 mm, but they can be as thin as 1.4 mm. The devices that have SD card slots can use the thinner MMC cards, but the standard SD cards will not fit into the thinner MMC slots. Some SD cards are also available with a USB connector. SD card readers allow SD cards to be accessed via many connectivity ports such as USB, FireWire, and the common parallel port. USB Pen drive is a removable storage device. A pen drive is also known as a USB flash drive. It is a small device used to transfer data from one computer to another through USB ports. Pen drives are available in various capacities. When a pen drive is plugged into the USB port, Windows Explorer shows it as a removable drive. Answer option C is incorrect. The hard disk drive is not a removable storage media. It is installed inside the computer case. It can store large amounts of data and provides fast read/write performance. HDD can be connected to a computer with the Integrated Device Electronics (IDE), Small Computer System Interface (SCSI), and SATA interface. It consists of inflexible platters coated with material in which data is recorded magnetically with read/write heads. Note: Only external hard disk drives are removable devices.

Question 278 (Topic 3)

Which of the following is a program initially designed to prevent phosphor burn-in on CRT and plasma computer monitors?

A. Screensaver
B. Monitor saver
C. Debugger
D. Spider

Expose Correct Answer

Answer : **A**

Explanation: A screensaver is a program initially designed to prevent phosphor burn-in on CRT and plasma computer monitors by blanking the screen or filling it with moving images or patterns when the computer is not in use. Modern screensavers are used primarily for entertainment or security. Answer option D is incorrect. A spider is an automated program, such as a search engine, indexing program, or cataloging software. It requests Web pages much faster than human beings can. A spider is also known as crawler and robot. Answer option C is incorrect. A debugger is a special application program that is used to find bugs in other programs. It allows a programmer to stop a program at any point of time and examine and change the values of the variables. It is the program execution platform that allows the following: Pausing the program execution at any time Inspecting the values of the program variables Modifying the values of the program variables Calling the methods of the program randomly The steps in debugging are as follows: 1.Gather data 2.Develop a hypothesis 3.Perform experiments 4.Predict new s 5.Prove or disprove the hypothesis Answer option B is incorrect. There is no program such as Monitor saver. Reference: "http://en.wikipedia.org/wiki/Screensaver"

Next Question

Question 279 (Topic 3)

Which of the following do not support encrypted data transmissions?

A. Ethernet devices
B. Infrared devices
C. Wi-Fi devices
D. Bluetooth devices

Expose Correct Answer

Answer : **B**

Explanation: The infrared devices do not encrypted data transmission. Infrared technology uses invisible infrared radiations to transmit signals to short distances. There are two types of communication possible: one in which the sender and the receiver are visible to each other and are situated in a straight line. This is known as line-of-sight mode; the other type of communication known as diffuse mode does not require the sender and receiver to be directly visible to each other. This technology is used in TV sets, cordless microphones, laptops, remote modems, printers, and other peripheral devices. Answer options D, A, and C are incorrect. The Bluetooth, Ethernet, and Wi-Fi devices supports encrypt data transmissions. Reference: TechNet, Contents: "Wireless Networking"

Next Question

Question 280 (Topic 3)

Which of the following file attributes are not available on a FAT32 partition?
Each correct answer represents a complete solution. Choose two.

A. Compression
B. Archive
C. Hidden
D. Encryption
E. Read Only

Expose Correct Answer

Answer : **A,D**

large volumes and powerful storage solution such as RAID. The latest feature of NTFS is its ability to encrypt files and folders to protect sensitive data. Reference: "http://www.webopedia.com/TERM/F/FAT32.htm"

Next Question

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