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QUESTION 1

Which of the following BEST describes malicious software that demands the end-user pay a fee or face the destruction of their files?

- A. Trojan
- B. Virus
- C. Spyware
- D. Ransomware

Correct Answer: D

QUESTION 2

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

Correct Answer: AD

File attributes such as Compression and Encryption are not available on FAT32 partitions. The following file attributes are available on FAT32 partitions: Hidden Read Only Archive System

The FAT32 file system is an enhancement of the FAT16 file system. FAT32 can support hard disk drives larger than 2GB (maximum 2TB) without having to use multiple partitions. It is more efficient as compared to 16-bit FAT on larger disks,

as FAT32 decreases the cluster size on large hard disk drives, thereby reducing the amount of unused space.

The Compression and Encryption file attributes are available on NTFS partitions.

What is NTFS? Hide

NTFS is a high-performance file system proprietary to Microsoft. NTFS supports file-level security, compression, and auditing.

It also supports 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>"



QUESTION 3

Which of the following types of SATA hard disk drives is used for the Desktop computers?

- A. 3.5 inches
- B. 6.2 inches
- C. 1.8 inches
- D. 2.5 inches

Correct Answer: A

The 3.5 inches SATA hard disk is used for the Desktop computers. The Serial ATA (SATA) computer bus is a storage-interface for connecting host bus adapters to mass storage devices such as hard disk drives and optical drives. SATA

offers several compelling advantages over the older parallel ATA (PATA) interface, such as reduced cable-bulk and cost, faster and more efficient data transfer, full duplex, and hot swapping. It is designed to replace the older ATA (AT

Attachment) standard (Parallel ATA). All SATA devices support hot plugging and hot swapping. SATA supports Native Command Queuing (NCQ) for enhanced performance.

Answer options C and D are incorrect. The 1.8 inches and 2.5 inches hard disk drives are used in laptops.

Answer option B is incorrect. There is no such size of SATA hard disk drive as 6.2 inches. Reference: "http://en.wikipedia.org/wiki/Serial_ATA"

QUESTION 4

Which of the following protocols provides an encryption by using the Temporal Key Integrity Protocol (TKIP)?

- A. EAP
- B. WEP
- C. IPSec
- D. WPA

Correct Answer: D

Wi-fi Protected Access (WPA) is an interoperable security protocol for Wireless LAN (WLAN). For using WPA, encryption is required. WPA provides encryption by using Temporal Key Integrity Protocol (TKIP). TKIP uses a new encryption algorithm, which is stronger than WEP algorithm. 802.1x authentication is required in WPA. Answer option B is incorrect. Wired Equivalent Privacy (WEP) is a security protocol for wireless local area networks (WLANs). It has two components, authentication and encryption. It provides security, which is equivalent to wired networks, for wireless networks. WEP encrypts data on a wireless network by using a fixed secret key. WEP incorporates a checksum in each frame to provide protection against the attacks that attempt to reveal the key stream. Answer option A is incorrect. Extensible Authentication Protocol (EAP) is an authentication protocol that provides support for a wide range of authentication methods, such as smart cards, certificates, one-time passwords, public keys, etc. It is an extension to Point-to-Point Protocol (PPP), which allows the application of arbitrary authentication mechanisms for the validation of a PPP connection. Answer option C is incorrect. Internet Protocol Security (IPSec) is a method of securing data. It secures traffic by using encryption and digital signing. It enhances the security of data as if an IPSec packet is captured, its contents cannot be read. IPSec also provides sender verification that ensures the certainty of the datagram's origin



to the receiver. Reference: "http://en.wikipedia.org/wiki/Wi-Fi_Protected_Access"

QUESTION 5

Which of the following is the MOST secure password?

- A. Have-A-Nice-Day
- B. HAVE-A-NICE-DAY
- C. have-a-nice-day12
- D. hav3-@-Nic3-D@Y14

Correct Answer: D

QUESTION 6

Identify the FireWire 400 port in the image given below.

Hot Area:



Correct Answer:



Click on the correct spot in the image. Doing so will place the target icon at the dicked spot.



QUESTION 7

Which of the following keys should be pressed to enable access to various menus?

- A. ALT
- B. SHIFT
- C. TAB
- D. CTRL

Correct Answer: A

QUESTION 8

Which of the following types of batteries are used by toys and watches?

- A. Silver oxide
- B. Zinc-air
- C. Lead-acid
- D. Silver lead

Correct Answer: A

The Silver oxide batteries are used in toys and watches. These batteries can become highly hazardous at the end of their useful life. After a period of use (approximately five years), the batteries may begin to leak their contents which contain

mercury, posing a serious health risk.

Answer option C is incorrect. The Lead-acid batteries are used in Car, Golf Cart, UPS, Industrial Fork-



Lift, Motorcycle, etc.

Answer option B is incorrect. The Zinc-air batteries are used in hearing aids and in older cameras that previously used mercury batteries.

Answer option D is incorrect. There is no such battery as Silver lead. Reference:
"http://en.wikipedia.org/wiki/Battery_recycling#Types_of_batteries"

QUESTION 9

A user is browsing the Internet when suddenly a threatening message appears on screen demanding a payment in order to avoid the system being disabled.

Which of the following BEST describes this type of malware infection?

- A. Ransomware
- B. Adware
- C. Spyware
- D. Virus

Correct Answer: A

QUESTION 10

A user wants to run a major update on a laptop. Which of the following should be considered before running any major updates?

- A. Restore folders from back up
- B. Change administrator account password
- C. Back up important folders
- D. Print all personal documents

Correct Answer: C

QUESTION 11

When setting up a new computer, where does a user change the date and time?

- A. Peripheral configuration
- B. Localization settings
- C. Screen resolution



D. eSATA settings

Correct Answer: B

QUESTION 12

Which of the following ports can be used to connect an external hard drive to a computer? (Select TWO).

A. MIDI

B. PS/2

C. eSATA

D. RJ-45

E. USB

F. RJ-11

Correct Answer: CE

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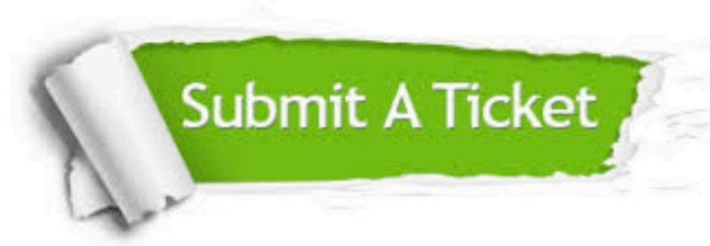
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