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**QUESTION 1**

Which of the following is a framework for defining reusable software components that perform a particular function or a set of functions in Microsoft Windows?

- A. SSID
- B. ActiveX
- C. Cookies
- D. JavaScript

Correct Answer: B

ActiveX is a framework for defining reusable software components that perform a particular function or a set of functions in Microsoft Windows. ActiveX controls are software components that can be integrated into Web pages and applications, within a computer or among computers in a network, to reuse the functionality. Reusability of controls reduces development time of applications and improves program interfaces. They enhance the Web pages with formatting features and animation. ActiveX controls can be used in applications written in different programming languages that recognize Microsoft's Component Object Model (COM). These controls always run in a container. ActiveX controls simplify and automate the authoring tasks, display data, and add functionality to Web pages. Answer option D is incorrect. JavaScript is a simple, light weight, and dynamic World Wide Web (WWW) scripting language developed by Netscape Communications. The syntax of JavaScript resembles that of C++. JavaScript facilitates integration of HTML documents, Web components, and multimedia plug-ins. It also aids in the development of server-side Web applications. Answer option A is incorrect. SSID stands for Service Set Identifier. It is used to identify a wireless network. SSIDs are case sensitive text strings and have a maximum length of 32 characters. All wireless devices on a wireless network must have the same SSID in order to communicate with each other. Answer option C is incorrect. A cookie is a small bit of text that accompanies requests and pages as they move between Web servers and browsers. It contains information that is read by a Web application, whenever a user visits a site. Cookies are stored in the memory or hard disk of client computers. A Web site stores information, such as user preferences and settings in a cookie. This information helps in providing customized services to users. There is absolutely no way a Web server can access any private information about a user or his computer through cookies, unless a user provides the information. A Web server cannot access cookies created by other Web servers. Reference: "<http://en.wikipedia.org/wiki/ActiveX> "

QUESTION 2

When setting up a new device, there are multiple features available that will never be used. Which of the following should the user do to make the new device more secure?

- A. Make all users administrators.
- B. Remove or disable the unnecessary features.
- C. Install a password manager on the device.
- D. Make all users guests.

Correct Answer: B



QUESTION 3

A user needs to establish an initial password for an email account.

Which of the following is the BEST example of a complex password?

- A. 01#iWant!2686612338
- B. iWantobeaCosmonau#
- C. 01c234n56789v9876x21
- D. 012iWanttobe210

Correct Answer: A

QUESTION 4

Which of the following data connections can span the FARTHEST distance?

- A. WiFi
- B. Dial-up
- C. Satellite
- D. Cable

Correct Answer: C

QUESTION 5

Which of the following are secure network protocols? (Select TWO).

- A. IMAP
- B. FTPS
- C. SMTP
- D. HTTPS
- E. DNS

Correct Answer: BD

QUESTION 6

A user, Ann, is concerned about theft of her laptop and does not want a thief to have easy access to all of her banking



and email. Which of the following precautions could be taken to mitigate this issue?

- A. Only browse the Internet on WiFi connections that use WPA2
- B. Turn off the guest account in the operating system
- C. Disable autofill functionality within the web browser
- D. Remove any legacy browsers from the computer

Correct Answer: C

QUESTION 7

Which of the following are a form of online advertising on the World Wide Web intended to attract

Web traffic or capture email addresses?

- A. Pop-ups
- B. Signed script policy:
- C. Cookies
- D. Java applet

Correct Answer: A

Pop-up ads or pop-ups are a form of online advertising on the World Wide Web intended to attract Web traffic or capture email addresses. It works when certain Web sites open a new Web browser window to display advertisements. The pop-up window containing an advertisement is usually generated by JavaScript, but can be generated by other means as well. Answer option C is incorrect. A cookie is a small bit of text that accompanies requests and pages as they move between Web servers and browsers. It contains information that is read by a Web application, whenever a user visits a site. Cookies are stored in the memory or hard disk of client computers. A Web site stores information, such as user preferences and settings in a cookie. This information helps in providing customized services to users. There is absolutely no way a Web server can access any private information about a user or his computer through cookies, unless a user provides the information. A Web server cannot access cookies created by other Web servers. Answer option B is incorrect. Signed script policy is a policy in which testing is required to check the identity of a user sending requests from a Web browser. In this policy, when a receiver receives a request from the user to access some resources of his computer, he can grant or deny the access on the basis of whether the request is coming from a trusted or a non-trusted source. If the receiver permits the request, the code will run on the browser after further checks. An author converts the code in the form of an encrypted text, which is recreated on the browser as a simple text. The code will not run on the browser if there is any modification in the text. Answer option D is incorrect. A Java applet is a software program written in Java language. It is distributed as an attachment in a Web document and executed in a Java-enabled Web browser. Java applets can run on almost any operating system without requiring recompilation.

QUESTION 8

Which of the following is a common characteristic of open source software?

- A. Update cycles are dictated by the manufacturer



- B. Modifications to core functionalities are made by the manufacturer
- C. Can only run on certain manufacturer processors
- D. Can be fully modified by the user

Correct Answer: D

QUESTION 9

Mark has a file named DATA.TXT on the C: drive on his computer. He wants to set the hidden attribute on the file.

Which of the following commands will he use to accomplish this task?

- A. ATTRIB +h DATA.TXT
- B. ATTRIB -h DATA.TXT
- C. ATTRIB -A DATA.TXT
- D. ATTRIB /hidden DATA.TXT

Correct Answer: A

In order to set the hidden attribute on the file, Mark will have to run the following command on the command prompt:

```
ATTRIB +h DATA.TXT
```

Where:

+ is used for setting attribute.

h is used for hidden attribute.

DATA.TXT is the file name.

Answer option B is incorrect. This is used to clear the hidden attribute from a file. Answer option D is incorrect. The /hidden is not a valid switch for the ATTRIB command. Answer option C is incorrect. The ATTRIB -A DATA.TXT command will

be used to clear the archive attribute from a file.

Reference: "<http://www.computerhope.com/attribhl.htm>"

QUESTION 10

Which of the following allows for the FASTEST printer connections?

- A. Bluetooth
- B. USB
- C. Parallel



D. Serial

Correct Answer: B

QUESTION 11

Joe, a user, has many applications on his computer and is trying to use software management best practices.

Which of the following should he consider?

- A. Install a desktop cleanup application.
- B. Uninstall unneeded applications.
- C. Load each application one at a time.
- D. Manage the use of internal memory.

Correct Answer: B

QUESTION 12

A user is installing a new scanner on a computer.

Which of the following MOST likely needs to be installed in order for this equipment to work?

- A. License key
- B. OS update
- C. Firmware
- D. Driver

Correct Answer: D

QUESTION 13

Which of the following extension types are associated with document files? (Select THREE).

- A. .txt
- B. .odf
- C. .msi
- D. .rtf



E. .mp3

F. .tar

G. .jpg

Correct Answer: ABD

QUESTION 14

HOTSPOT

Identify the FireWire 400 port in the image given below.

Hot Area:



Correct Answer:



**QUESTION 15**

Which of the following technologies can be used to encrypt the wireless networks?

Each correct answer represents a complete solution. Choose two.

- A. WAP
- B. Kerberos
- C. WEP
- D. WPA

Correct Answer: CD

WPA and WEP can be used to encrypt wireless networks. WPA stands for Wi-Fi Protected Access. It is a wireless security standard. It provides better security than WEP (Wired Equivalent Protection). Windows Vista supports both WPA-PSK and WPA-EAP. Each of these is described as follows: WPA-PSK: PSK stands for Preshared key. This standard is meant for home environment. WPA-PSK requires a user to enter an 8-character to 63-character passphrase into a wireless client. The WPA converts the passphrase into a 256-bit key. WPA-EAP: EAP stands for Extensible Authentication Protocol. This standard relies on a back-end server that runs Remote Authentication Dial-In User Service for user authentication. Note: Windows Vista supports a user to use a smart card to connect to a WPA-EAP protected network. 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 B is incorrect. Kerberos is a computer network authentication protocol that allows individuals communicating over a non-secure network to prove their identity to one another in a secure manner. Answer option A is incorrect. The Wireless Access Protocol (WAP) is a technology used with wireless devices. The functionality of WAP is equivalent to that of TCP/IP. WAP uses a smaller version of HTML called Wireless Markup Language (WML) to display Internet sites. Reference: "http://en.wikipedia.org/wiki/Wi-Fi_Protected_Access",

"http://en.wikipedia.org/wiki/Wired_Equivalent_Privacy"

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