Question 1

Rebecca is registering for her Web site hosting account and has been prompted to pick a strong password. It must include letters, numbers, special characters, and be at least 8 characters long. What kind of security threat is her Internet Service Provider trying to prevent with this requirement?

Options:

A- SQL injection

B- Denial of Service (DOS) attack

C- Brute-force attack

D- Social engineering

Answer:

C

Question 2

You are building an educational games website for children. You have determined that your users respond best to large, colorful, easy-to-read buttons to navigate through the site. You've created a prototype of the navigation element, and want to make sure it meets your user's needs. What kind of testing should be performed at this stage?

Options:

A- Positional testing

B- Responsiveness testing

C- Usability testing

D- Functional testing

Answer:

D

Question 3

Question Type: **MultipleChoice**

What is an advantage of the mind mapping approach to brainstorming?

Options:

A- It better captures and represents brainstorming ideas in the way that your brain conceives of them.

B- Creating a mind map on a computer program computer fosters an immediate connection to the hand, brain and map contents.

C- It helps to guide your thoughts on a clear path by representing your ideas in an organized, linear fashion.

D- Computer based mind mapping software tools generates an accurate site.

Answer:

A

Question 4

Question Type: **MultipleChoice**

Dylan is trying to decide where to host his small personal website. He thinks his best option would be to get a Web site hosting account with an Internet. Service Provider (ISP). Which of the following is a reason that would support this decision?

Options:

A- Hosting with an ISP is the only way to ensure that a site is available to all users worldwide.

B- ISPs often offer a large selection of Web applications at no extra charge.

C- Hosting your site with an ISP ensures your site is validated to W3C standards.

D- An ISP will often block a site from loading if it is self-hosted, due to security concerns.

Answer:

C

Question 5

Question Type: **MultipleChoice**

Web development is a collaborative process. Which of the following is an example of a benefit from collaborative design?

Options:

A- Customer recognition

B- Increased time for development

C- The ability to show off a skill set

D- Employee satisfaction

Answer:

A

Question 6

Question Type: MultipleChoice

Which of the following represents an SEO strategy of using short phrases of three to five key words?

Options:

A- Word cloud

B- Word salad

C- Long-tail keyword

D- Boolean operator keywords

Question 7

Question Type: MultipleChoice

When starting a new project, many website designers develop a single page that includes all the fonts, sizes, white space, and colors they want. This becomes their page template for the rest of the site. Why is this practice important?

Options:

A- It helps them determine which WYSIWYG code editor they should use.

B- It insures they are properly separating the HTML5 coding from the CSS3 styling.

C- It ensures the site has a consistent look and format.

D- It proves the rest of the site will validate to current HTML5 standards.

Answer:

B

Question 8

What would be a limitation to using a framework to create a large web site?

Options:

A- Most frameworks have some form of security issues.

B- Frameworks typically are harder to master than coding with HTML5.

C- Frameworks may be limited in functionality.

D- Most frameworks have a cost associated with each design.

Answer:

A

Question 9

Which of the following would be defined during the functionality part of a site specification?

Options:

A- The structure of the information contained in the site incorporates an intuitive navigational scheme

B- Tasks the site will be able to perform, such a detailed product search or managing products in a virtual shopping cart

C- The look and feel of a site, such as typography, color schemes, images, and spacing

D- The content contained in the site, such as text describing the business and products, images, and video files

Answer:

B

Question 10

Question Type: **MultipleChoice**

One of the web design clients contacts you to report that a visitor on their site submitted a form. A malicious web site then opens in a new window and launched malware on the visitor's computer. What is the probable cause of this attack placed on the web form?

A- Failure to sanitize input fields

B- Failure to validate input fields

C- Failure to include CAPTCHA

D- Failure to encrypt post data

Answer:

A

Question 11

Question Type: MultipleChoice

Lisa is developing a Web application using a framework and wants to include interactive elements using JavaScript. She decides to use a JavaScript library to but she is on a tight budget and cannot pay for a license. Which of the following would be the best option for Lisa to access a library?

Options:

A- Borrow the JavaScript code from another site

B- Use Kendo UI

C- Use the jQuery UI library

D- Use JavaScript code from the Foundation library

Answer:

C