

**Exam : CIW 1D0-420**

**Title : CIW SITE DESIGNER**

**Version : Demo**

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1. What is a database?

- A. A database stores information for a Web server.
- B. A database stores numerically formatted information about users.
- C. A database analyzes stored data.
- D. A database stores information for retrieval.

**Answer: D**

2. In programming languages, which term is used to describe object behaviors?

- A. Attributes
- B. Properties
- C. Methods
- D. Classes

**Answer: C**

3. You are creating a database of contact information for all the employees at your company. Which term describes the rows in your database table, each of which contains a complete set of information (name, phone number and e-mail address) for one person?

- A. Field
- B. Schema
- C. File
- D. Record

**Answer: D**

4. Why is the model that drives the Web not considered a procedural model?

- A. The nature of the procedural model is represented extensively, but only in specific event-driven environments.
- B. There is a lack of sequential interaction in most daily interactions on the Web.
- C. There are no methods on the Web to enforce the procedural model's rules.
- D. The Web is not mature enough to support the structure of the procedural model, so it must support the event-driven model.

**Answer: B**

5. Which technology was created to provide a manner of describing both structure and content in Web pages?

- A. Hypertext Markup Language (HTML) 4.01
- B. Dynamic HTML (DHTML)
- C. Extensible Markup Language (XML)
- D. Cascading Style Sheets (CSS)

**Answer: C**

6. Which term is defined as the structure of a database system?

- A. Row generation
- B. Schematic manipulation
- C. Integrational relation
- D. Schema

**Answer: D**

7. Which of the following products provides HTTP services?

- A. Sun Microsystems Java 1.2
- B. Verisign Certificate Authority
- C. Microsoft Internet Information Server (IIS)
- D. Netscape Server-Side JavaScript

**Answer: C**

8. Which statement accurately describes a characteristic or function of cookies?

- A. Cookies contain viruses and should always be rejected, or at least scanned for viruses.
- B. Cookies can read files from your hard drive and e-mail, unless they are session cookies.
- C. Once set, cookies are sent to the server rather than retrieved by the server.
- D. Cookies cannot be deleted from your computer once you accept them, and they never expire.

**Answer: C**

9. What is the term for a drop-down menu on a Web page that automatically links to a specific URL when the user makes a selection?

- A. Site menu
- B. CGI menu
- C. Hyperlink menu
- D. Jump menu

**Answer: D**

10. Which of the following choices best describes the features of an object-oriented programming language?

- A. Methods, properties, and inheritance
- B. Top-down, event-driven code that may inherit properties from the main program or another event
- C. Methods, portability, and top-down code refinement
- D. Run-time interpretation and threaded execution

**Answer: A**

11. Consider the following HTML code example:

```
<B>Title</B>
```

```
<H1&gt;Heading</H1>
```

```
<UL><LI>1st Item  
<LI>2nd Item  
</UL>
```

Which of the following choices best explains the difference between XML and HTML?

- A. XML does not allow uppercase letter usage.
- B. XML does not allow multiple tagged items on the same line.
- C. XML does not allow multiple nested closing tags to follow on the next line.
- D. XML does not allow the inference of tags.

**Answer: D**

12. Consider the following XML code example:

```
<xml version="1.0">
```

What error in the code will prevent this page from rendering in the browser?

- A. Missing <META> tag
- B. Missing double dashes for comments
- C. Missing closing tag
- D. Missing question marks

**Answer: D**

13. Which two pieces of information do you need to insert an applet into your Web page?

- A. The class file and any required parameters
- B. The applet name and the file name extension
- C. The HTML file location and the applet name
- D. The Java version in which the applet was developed and the appropriate embedding tag for that version

**Answer: A**

14. Which set of cookie parameters is required to generate a cookie?

- A. path=path
- B. name=value
- C. domain=domain
- D. expires=date

**Answer: B**

15. What is the primary role of an HTTP server?

- A. To provide access to port 21
- B. To keep a stateful session with the client browser
- C. To deliver Web pages and other media to a client browser
- D. To deliver Web pages and e-mail services to the client browser

**Answer: C**

16. You want to include new or non-traditional file formats on your Web site. You decide to offer a plug-in that requires offline installation for your users who want to view these new files. Which choice describes the offline plug-in installation process?

- A. The plug-in comes already installed in the browser by the browser manufacturer; the user must simply select a preference to view the new file format.
- B. The plug-in installation file is downloaded from the Web and run by the user, after which the new file formats may be used.
- C. The plug-in is downloaded along with the associated new file format, and both are run from the user's desktop offline.
- D. The plug-in is installed in a single browser session and can run without restarting the browser or computer.

**Answer: B**

17. Which one of the following choices describes an example of multithreading?

- A. Running Excel while running a Java applet in a browser
- B. Opening three applications in separate windows
- C. Handling user interaction and computation with one applet at the same time
- D. Calling a process with VBScript and then invoking a Java applet

**Answer: C**

18. Which technique is referred to as inline scripting?

- A. The physical justification of the script (major routines on the left, and lesser routines indented and on the right)
- B. The use of <SCRIPT> tags in line with the <HEAD> and <BODY> tags
- C. The addition of the <INLINE> tag within the controlling HTML
- D. The embedding of scripting instructions within certain HTML tags

**Answer: D**

19. While browsing the Web, Ling downloads a page that takes a long time. She notices that the images appear progressively throughout the download, but the applets do not. The status bar shows the remaining percentage for the applet to complete. Why is Ling unable to see the applet while it downloads?

- A. Java applets must register parameters with the JVM.
- B. Java applets cannot instantiate without a class file.
- C. Java applets have no streaming capability.
- D. Java applets are memory-intensive throughout downloading.

**Answer: C**

20. Which technology provides a standard method for accessing databases by inserting a database driver as a middle layer between the database management system and the database application to translate

requests and commands?

- A. Structured Query Language (SQL)
- B. Java Database Connectivity (JDBC)
- C. Open Database Connectivity (ODBC)
- D. Relational Database Management System (RDBMS)

**Answer: C**

21. Ling knows that Dreamweaver 3.0 supports user-input forms. What does Dreamweaver not support?

- A. Browser-side extensions
- B. Server-side extensions
- C. Browser-side processing
- D. Server-side processing

**Answer: D**

22. Why must a user download the same applet upon each visit to the site?

- A. Java applets have no streaming capability.
- B. Java applets do not retain registry entries.
- C. Java applets do not retain API calls.
- D. Java applets have no caching capability.

**Answer: D**

23. You want to use an applet on the home page of your Web site. For your code to conform to the HTML 4.01 standard, which tag should you use to embed the applet into your Web page?

- A. <PARAM>
- B. <OBJECT>
- C. <EMBED>
- D. <APPLET>

**Answer: B**

24. XML flexibility is primarily dependent on which one of the following XML flexibility is primarily dependent on which one of the following?

- A. Server capacity
- B. HTML compatibility
- C. Server-side development
- D. Browser development

**Answer: D**

25. Kaye is concerned about compatibility issues between the variety of browser types among her at-home sales staff, and the custom retrieval of data off the Web server. How could JSP or ASP help in this scenario?

- A. By providing Java-based executables on the client side
- B. By providing script interpreters within the JVM on the client side
- C. By providing script execution on the server side
- D. By providing CGI-bin notification on the server side

**Answer: C**

26. Consider the following HTML tag:

```
<FRAMESET ROWS="150,*">
```

In this example, the \* symbol is known as what type of character?

- A. Frame
- B. Sizing
- C. Default
- D. Wildcard

**Answer: D**

27. When does an HTML specification become a standard?

- A. After a working draft is ratified
- B. After a new recommendation is ratified
- C. When all browsers support all the tags
- D. When development tools implement all the tags

**Answer: B**

28. Jorge visits his corporation technical library. He is looking for a book of rules, guidelines, and examples of usage that he can use to prepare text for publication on the corporation Web site. Which book or manual should Jorge use?

- A. A style guide
- B. A cascading style book
- C. The W3C manual of RFCs
- D. A Web resource guide

**Answer: A**

29. Which one of the following statements about cookies is accurate?

- A. Cookies are simple graphic files.
- B. Cookies can contain user-enabled latent viruses.
- C. Cookies are stored in multiple locations on the user computer. Cookies are stored in multiple locations on the user? computer.
- D. Cookies are sent in the HTTP response header.

**Answer: D**

30. In the <FRAMESET> tag, you can specify columns in which units of measure?

- A. Pixels or percentages
- B. Inches or centimeters
- C. Whole or decimal figures
- D. Whole figures or fractions

**Answer: A**

31. Abjee plans to use his company product name in the Web site name, as well as frequently on its Web pages. How will this help users find his Abjee plans to use his company product name in the Web site name, as well as frequently on its Web pages. How will this help users find his site?

- A. By increasing relevance to search criteria
- B. By resulting in his site being registered
- C. By creating a <META> tag for the company site
- D. By making the site appear in all directories

**Answer: A**

32. To identify a downloadable file on his Web site, Ling includes the following code:  
<A HREF="Legal Agreement.pdf">Click here to download the legal agreement.</A>

What else should Ling do to identify the downloadable file to users?

- A. Specify the visited hyperlink color.
- B. Add a file type description and size.
- C. Enter the file name in all-uppercase letters.
- D. Provide alternative file types.

**Answer: B**

33. What distinguishes directories from search engines?

- A. Directories locate the links to the site, not the actual site.
- B. Directories find only Web advertisers.
- C. Directories use an automated process to find sites.
- D. Directories list only sites that are manually submitted.

**Answer: D**

34. You have developed several pages for a Web site and you are ready to publish them to the World Wide Web. Which service will you most likely use to transmit your finished Web page documents from your computer to the Web server that will host your site?

- A. Hypertext Transfer Protocol (HTTP)
- B. Internet Protocol (IP)
- C. Internet Service Provider (ISP)
- D. File Transfer Protocol (FTP)

**Answer: D**

35. Warren wants to read a Request For Comments (RFC) about e-mail protocols. Which URL provides the most reliable information??

- A. www.rfc.org
- B. www.rfc-editor.com
- C. www.rfc-editor.org
- D. www.w3.org

**Answer: C**

36. If a Web page uses both a linked style sheet and style header blocks, what happens?

- A. The linked style sheet overrides the style header block.
- B. The style header block overrides the linked style sheet.
- C. The linked style sheet modifies the style header block for consistency.
- D. The style header block modifies the linked style sheet for consistency.

**Answer: B**

37. Marguerite wants a simple way to specify a default target for all the links on her Web page. Which HTML tag should she use?

- A. <BASE RANGE>
- B. <DEFAULT>
- C. <BASE>
- D. <FRAMESET>

**Answer: C**

38. Abjee has a DSL connection. He prefers the delivery provided by the RealNetworks RealPlayer to the downloadable files he previously ran in QuickTime. Why?

- A. The smooth playback of the files
- B. The file size upon download
- C. The streaming delivery
- D. The absence of virus risk

**Answer: C**

39. Abjee is designing a Web site for people who are hearing-impaired. Which of the following CSS2 functions would allow him to adjust the quality of synthesized speech?

- A. Font support
- B. Paged media
- C. Synthesized speech launchers
- D. Aural style sheets

**Answer: D**

40. Which HTML version includes features that improve accessibility for physically challenged users?

- A. HTML 4.0
- B. HTML 2.0
- C. Netscape Explorer
- D. HTML 7.0

**Answer: A**

41. Which NAME attribute value of the <META> tag helps search engines locate your site by focusing on certain words?

- A. META-WORD
- B. KEYWORDS
- C. HEADER
- D. CONTENT

**Answer: B**

42. What feature is offered by Lotus Domino, Allaire ColdFusion, Macromedia Dreamweaver Ultradev, and Pervasive Tango 2000?

- A. Animation creation
- B. Three-dimensional rendering
- C. Graphical data generation
- D. Database manipulation

**Answer: D**

43. Multiple and overlapping style definitions that control the appearance of HTML elements are called what?

- A. Core sheets
- B. Style sheets
- C. Cascading style sheets
- D. Overlapping style sheets

**Answer: C**

44. The <BODY> tag can be modified to:

- A. adjust top and left page margins.
- B. adjust top, bottom, left and right margins
- C. adjust top and bottom page margins.
- D. adjust left and right page margins.

**Answer: A**

45. When publishing a Web site using FTP, which of the following is typically required?

- A. User name and password
- B. E-mail client

- C. Browser
- D. Dedicated Internet connection

**Answer: A**

46. Which of the following tags is a container tag that affects everything on the page between its tags, and can also be used inline to make style changes?

- A. <SPAN>
- B. <SPAN STYLE BLANKET>
- C. <HEADER>
- D. <INLINE>

**Answer: A**

47. Which HTTP-EQUIV attribute value controls the page cache to the browser folder?

- A. META
- B. SET-COOKIE
- C. PRAGMA
- D. WINDOW-TARGET

**Answer: C**

48. Color is an important element in Web design. Which one of the following choices lists the additive colors?

- A. Red, yellow and blue
- B. Cyan, magenta, yellow and blue
- C. White and black
- D. Red, green and blue

**Answer: D**

49. Emilio wants to indent a paragraph by 17 pixels. Which of the following tags should he use?

- A. <INDENT PARA=17>
- B. <IMG SRC="transparent.gif" HEIGHT="2" WIDTH="17">
- C. <IMG SRC=transparent.gif WIDTH=17>
- D. <IMG SRC="transparent.gif" WIDTH="17">

**Answer: B**

50. In the bottom-up approach to Web development, which development factor is considered most important?

- A. Budgetary concerns
- B. Web site functionality
- C. User scenarios
- D. The development schedule

**Answer: C**

51. Why is streaming audio often preferable to downloaded audio?

- A. Because streaming audio creates better sound quality
- B. Because streaming audio enhances stereo sound
- C. Because streaming audio plays while downloading
- D. Because streaming audio is easier to implement in Web sites

**Answer: C**

52. You are developing your company's Web site. To achieve maximum site usability, you plan to conduct some usability tests before the site goes live. Which step should you include in your Web usability testing?

- A. Conduct your usability test early in the development process so you can begin working out bugs immediately.
- B. Use other members of your site design team to conduct tests so your feedback will be technical and relevant.
- C. Give each participant a list of actual tasks and operations but no indication of how to perform them.
- D. Be available during the testing process to answer any questions that your testing participants may have.

**Answer: C**

53. Which one of the following choices lists three goals that should be achieved on every Web site?

- A. Interest, activity, and accomplishment
- B. Interaction, activity, and accomplishment
- C. Interest, activity, and resolution
- D. Interest, challenge, and resolution

**Answer: C**

54. The mindmapping process structures Web site development in:

- A. linear form.
- B. procedural form.
- C. textual form.
- D. spatial form.

**Answer: D**

55. How is the Web medium different from traditional media such as print?

- A. The Web medium cannot create interactivity with the user whereas print media can.
- B. Print media can personalize the user's experience whereas the Web medium cannot.
- C. The Web medium makes print media "brochures" more effective.
- D. The print medium is linear whereas the Web medium is non-linear.

**Answer: D**

56. Which measurement is used in Web design to ensure that all audiences can view a page layout without

horizontal scrolling?

- A. Monitor size
- B. DPI
- C. Browser type
- D. Resolution

**Answer: D**

57. Marguerite is designing a site that promotes radio stations. She considers some scenarios in which people would use the site for information, and she plans to work on the look of the site later. What is the name for the approach that Marguerite is taking?

- A. Top-down approach
- B. Bottom-up approach
- C. Inside-out approach
- D. User-based approach

**Answer: B**

58. In what way can Dynamic HTML (DHTML) enhance HTML?

- A. Increased browser compatibility
- B. Faster download times
- C. Web site interactivity
- D. Increased server compatibility

**Answer: C**

59. Sasha wants to effectively represent her company style on its Web site. Which element could easily accomplish this? Sasha wants to effectively represent her company? style on its Web site. Which element could easily accomplish this?

- A. Borders
- B. Tables
- C. Color
- D. White space

**Answer: C**

60. In the context of Web site design, what is a metaphor?

- A. A metaphor suggests a likeness to some other familiar thing.
- B. A metaphor creates a new definition.
- C. A metaphor provides differentiation from some other thing.
- D. A metaphor suggests uniqueness.

**Answer: A**

61. A corporate logo is typically linked to:

- A. profiles of the company's executive staff.
- B. the Frequently Asked Questions page.
- C. a site search function.
- D. the site's home page.

**Answer: D**

62. How does the anti-aliasing process help Web design?

- A. Eliminates font substitution
- B. Gives fonts a smoother appearance
- C. Keeps font size consistent
- D. Reduces download time

**Answer: B**

63. Which one of the following choices best describes the nature of the Internet?

- A. Passive and capable of one-to-one relationships
- B. Passive and uses the same concepts as mass media
- C. Transactional and capable of one-to-one relationships
- D. Linear

**Answer: C**

64. Which of the following is important for detailed Web site structure?

- A. File names
- B. Icons
- C. IP address schemes
- D. File content

**Answer: A**

65. In graphics programs, what does a ratio of 1:2 usually mean?

- A. The graphic is being displayed at twice the size of the original.
- B. The graphic has one-half the colors of the original.
- C. Each pixel is represented by two pixels.
- D. The graphic is being displayed at one-half the original size.

**Answer: D**

66. Which one of the following graphic formats is best suited for displaying line art on a computer monitor?

- A. Bitmap
- B. Dithering
- C. Pixel
- D. Vector

**Answer: D**

67. Sasha has an image that she wants to use on her Web site, but she wants to make the background transparent. How can she create a transparent GIF image?

- A. She can manipulate image properties with an image-editing tool.
- B. She can configure her browser to make the GIF transparent.
- C. She can use the ALT attribute value "transparent" in the<IMG> tag.
- D. She must convert the image to JPG format.

**Answer: A**

68. You are assigned to manage the development of a Web presence for your company, and you must plan the agenda for your first development team meeting. Which development phase typically begins the Web site development process?

- A. Implementation
- B. Analysis
- C. Production
- D. Conceptualization

**Answer: D**

69. Why do vector graphics perform better than other file formats within the Internet space?

- A. Because they compress with absolutely no loss of visual quality
- B. Because they can include sound without encoding the graphic with the file information
- C. Because they are represented with bitmaps rather than mathematical formulas, and are easily read by browsers
- D. Because they are represented by mathematical calculations and are smaller than bitmaps by orders of magnitude

**Answer: D**

70. Liam is instructed to create a visually appealing bitmap image for the home page that links to all the other pages. He tests the image and finds that only one hyperlink works. Why?

- A. He targeted the hyperlinks to different pages in the site.
- B. He did not segment the image correctly.
- C. He imported the image as a whole bitmap.
- D. He tested the page with Netscape Navigator.

**Answer: B**

71. Abjee plans to use his company product name in the Web site name, as well as frequently on its Web pages. How will this help users find his Abjee plans to use his company? product name in the Web site name, as well as frequently on its Web pages. How will this help users find his site?

- A. By increasing relevance to search criteria
- B. By resulting in his site being registered

- C. By creating a &lt;META&gt; tag for the company site
- D. By making the site appear in all directories

**Answer: A**

72. You have developed several pages for a Web site and you are ready to publish them to the World Wide Web. Which service will you most likely use to transmit your finished Web page documents from your computer to the Web server that will host your site?

- A. Hypertext Transfer Protocol (HTTP)
- B. Internet Protocol (IP)
- C. Internet Service Provider (ISP)
- D. File Transfer Protocol (FTP)

**Answer: D**

73. When publishing a Web site using FTP, which of the following is typically required?

- A. User name and password
- B. E-mail client
- C. Browser
- D. Dedicated Internet connection

**Answer: A**

74. What is ICANN main responsibility?

- A. Overseeing short-term technical issues of the Internet
- B. Overseeing the leadership for technical management
- C. Overseeing long-term research issues of the Internet
- D. Overseeing the accreditation of domain name registrars

**Answer: D**

75. Jorge visits his corporation technical library. He is looking for a book of rules, guidelines, and examples of usage that he can use to prepare text for publication on the corporation Web site. Which book or manual should Jorge use?

- A. A style guide
- B. A cascading style book
- C. The W3C manual of RFCs
- D. A Web resource guide

**Answer: A**

76. Which NAME attribute value of the <META> tag helps users find your site by showing them a brief summary of the site in their search engine results?

- A. KEYWORDS
- B. META-SUMMAR

C. DESCRIPTION

D. NAME-CONTENT

**Answer: C**

77. Which of the following is a way to apply Cascading Style Sheets?

A. Layering

B. Dithering

C. Linking

D. Scripting

**Answer: C**

78. Which HTTP-EQUIV attribute value controls the page cache to the browser folder?

A. META

B. SET-COOKIE

C. PRAGMA

D. WINDOW-TARGET

**Answer: C**

79. Absolute sizing occurs when frames are expressed in which measurement?

A. Percentages

B. Pixels

C. Bits

D. Data elements

**Answer: B**

80. Marguerite wants a simple way to specify a default target for all the links on her Web page. Which HTML tag should she use?

A. <BASE RANGE>

B. <DEFAULT>

C. <BASE>

D. <FRAMESET>

**Answer: C**

81. The <BODY> tag can be modified to:

A. adjust top and left page margins.

B. adjust top, bottom, left and right margins

C. adjust top and bottom page margins.

D. adjust left and right page margins.

**Answer: A**

82. Metadata can be used to provide which information?

- A. Client machine information
- B. Web page author information
- C. Site hosting information
- D. User preference information

**Answer: B**

83. Sasha uses the <BODY> tag elements MARGINHEIGHT="0" and MARGINWIDTH="0". How will this affect her Web site?

- A. It will create a borderless page structure when viewed with Internet Explorer browsers.
- B. It will create a borderless page structure when viewed with Navigator browsers.
- C. It will create a borderless page structure when viewed with any type of browser.
- D. It will delete any text from the margins.

**Answer: B**

84. In the <FRAMESET> tag, you can specify columns in which units of measure?

- A. Pixels or percentages
- B. Inches or centimeters
- C. Whole or decimal figures
- D. Whole figures or fractions

**Answer: A**

85. What feature is offered by Lotus Domino, Allaire ColdFusion, Macromedia Dreamweaver Ultradev, and Pervasive Tango 2000?

- A. Animation creation
- B. Three-dimensional rendering
- C. Graphical data generation
- D. Database manipulation

**Answer: D**

86. If a Web page uses both a linked style sheet and style header blocks, what happens?

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- B. Cookies can contain user-enabled latent viruses.
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on the user? computer.

D. Cookies are sent in the HTTP response header.

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88. To identify a downloadable file on his Web site, Ling includes the following code: `<A HREF="Legal Agreement.pdf"> Click here to download the legal agreement.</A>`

What else should Ling do to identify the downloadable file to users?

A. Specify the visited hyperlink color.

B. Add a file type description and size.

C. Enter the file name in all-uppercase letters.

D. Provide alternative file types.

**Answer: B**

89. Which NAME attribute value of the `<META>` tag helps search engines locate your site by focusing on certain words?

A. META-WORD

B. KEYWORDS

C. HEADER

D. CONTENT

**Answer: B**

90. Abjee is designing a Web site for people who are hearing-impaired. Which of the following CSS2 functions would allow him to adjust the quality of synthesized speech?

A. Font support

B. Paged media

C. Synthesized speech launchers

D. Aural style sheets

**Answer: D**

91. Which of the following tags is a container tag that affects everything on the page between its tags, and can also be used inline to make style changes?

A. `<SPAN>`

B. `<SPAN STYLE BLANKET>`

C. `<HEADER>`

D. `<INLINE>`

**Answer: A**

92. Consider the following HTML tag: `<FRAMESET ROWS="150,*">` In this example, the \* symbol is known as what type of character?

A. Frame

- B. Sizing
- C. Default
- D. Wildcard

**Answer: D**

93. Which technology was created to provide a manner of describing both structure and content in Web pages?

- A. Hypertext Markup Language (HTML) 4.01
- B. Dynamic HTML (DHTML)
- C. Extensible Markup Language (XML)
- D. Cascading Style Sheets (CSS)

**Answer: C**

94. You want to use an applet on the home page of your Web site. For your code to conform to the HTML 4.01 standard, which tag should you use to embed the applet into your Web page?

- A. <PARAM>
- B. <OBJECT>
- C. <EMBED>
- D. <APPLET>

**Answer: B**

95. Which choice best describes a cookie?

- A. A directory that stores information from a Web site on a user's computer
- B. An executable file placed on a user's computer that passes marketing information to the sponsoring Web site
- C. An alert box that allows users to accept or reject marketing information from a Web site
- D. A text file sent from a Web site to a user's computer that stores information for that user

**Answer: D**

96. In programming languages, which term is used to describe object behaviors?

- A. Attributes
- B. Properties
- C. Methods
- D. Classes

**Answer: C**

97. Ling knows that Dreamweaver 3.0 supports user-input forms. What does Dreamweaver not support?

- A. Browser-side extensions
- B. Server-side extensions
- C. Browser-side processing

D. Server-side processing

**Answer: D**

98. You want to include new or non-traditional file formats on your Web site. You decide to offer a plug-in that requires offline installation for your users who want to view these new files. Which choice describes the offline plug-in installation process?

A. The plug-in comes already installed in the browser by the browser manufacturer; the user must simply select a preference to view the new file format.

B. The plug-in installation file is downloaded from the Web and run by the user, after which the new file formats may be used.

C. The plug-in is downloaded along with the associated new file format, and both are run from the user's desktop offline.

D. The plug-in is installed in a single browser session and can run without restarting the browser or computer.

**Answer: B**

99. Rochelle runs a help desk within a legal research firm. She is excited about the use of XML in the conversion of documents to the company intranet. Why will this process be a tremendous aid to the help desk staff?

A. XML provides a consistent look with the use of procedural markup.

B. XML enhances the efficiency of word searches through custom tags.

C. XML provides automatic document conversion services.

D. XML enhances efficiency of word searches through key words in the <META> tag.

**Answer: B**

100. What is the term for a drop-down menu on a Web page that automatically links to a specific URL when the user makes a selection?

A. Site menu

B. CGI menu

C. Hyperlink menu

D. Jump menu

**Answer: D**

101. You are creating a database of contact information for all the employees at your company. Which term describes the rows in your database table, each of which contains a complete set of information (name, phone number and e-mail address) for one person?

A. Field

B. Schema

C. File

D. Record

**Answer: D**

102. Which technique is referred to as inline scripting?

- A. The physical justification of the script (major routines on the left, and lesser routines indented and on the right)
- B. The use of <SCRIPT> tags in line with the <HEAD> and <BODY> tags
- C. The addition of the<INLINE> tag within the controlling HTML
- D. The embedding of scripting instructions within certain HTML tags

**Answer: D**

103. Which component of Dynamic HTML (DHTML) provides the interface that accesses and manipulates HTML and XML documents and gives them logical structure?

- A. JavaScript
- B. Cascading Style Sheets (CSS)
- C. The HTML 4.0 standard
- D. Document Object Model (DOM)

**Answer: D**

104. Which statement accurately describes a characteristic or function of cookies?

- A. Cookies contain viruses and should always be rejected, or at least scanned for viruses.
- B. Cookies can read files from your hard drive and e-mail, unless they are session cookies.
- C. Once set, cookies are sent to the server rather than retrieved by the server.
- D. Cookies cannot be deleted from your computer once you accept them, and they never expire.

**Answer: C**

105. Why must a user download the same applet upon each visit to the site?

- A. Java applets have no streaming capability.
- B. Java applets do not retain registry entries.
- C. Java applets do not retain API calls.
- D. Java applets have no caching capability.

**Answer: D**

106. XML flexibility is primarily dependent on which one of the following? XML? flexibility is primarily dependent on which one of the following?

- A. Server capacity
- B. HTML compatibility
- C. Server-side development
- D. Browser development

**Answer: D**

107. Which of the following choices best describes the features of an object-oriented programming language?

- A. Methods, properties, and inheritance
- B. Top-down, event-driven code that may inherit properties from the main program or another event
- C. Methods, portability, and top-down code refinement
- D. Run-time interpretation and threaded execution

**Answer: A**

108. Which two pieces of information do you need to insert an applet into your Web page?

- A. The class file and any required parameters
- B. The applet name and the file name extension
- C. The HTML file location and the applet name
- D. The Java version in which the applet was developed and the appropriate embedding tag for that version

**Answer: A**

109. Which set of cookie parameters is required to generate a cookie?

- A. path=path
- B. name=value
- C. domain=domain
- D. expires=date

**Answer: B**

110. Consider the following HTML code example:

```
<B>Title</B>
<H1>Heading</H1>
<UL><LI>1st Item <LI>2nd Item
</UL>
```

Which of the following choices best explains the difference between XML and HTML?

- A. XML does not allow uppercase letter usage.
- B. XML does not allow multiple tagged items on the same line.
- C. XML does not allow multiple nested closing tags to follow on the next line.
- D. XML does not allow the inference of tags.

**Answer: D**

111. Which term is defined as the structure of a database system?

- A. Row generation
- B. Schematic manipulation
- C. Integrational relation
- D. Schema

**Answer: D**

112. What is a database?

- A. A database stores information for a Web server.
- B. A database stores numerically formatted information about users.
- C. A database analyzes stored data.
- D. A database stores information for retrieval.

**Answer: D**

113. What is the latest formulation of Hypertext Markup Language (HTML) that combines Web page formatting with XML compliance?

- A. HTML 4.01 Strict
- B. HTML 4.01 Transitional
- C. Extensible Markup Language (XML)
- D. Extensible Hypertext Markup Language (XHTML)

**Answer: D**

114. Consider the following HTML code example:

```
<TITLE>Document Imaging</TITLE>
```

```
<BODY>
```

```
<CENTER><B>Document Imaging Overview<B></CENTER>
```

Document imaging is an ever-increasing process happening daily in the marketplace. This article will cover the three main elements needed to efficiently create an imaging solution: hardware, software, and process.<P>

```
<H2>Hardware</H2>
```

```
</BODY>
```

What is a potential problem with the output of this code?

- A. The implicit structure by use of procedural markup
- B. The use of incorrectly ordered heading tags
- C. The varied letter case usage throughout the code
- D. The failure to close container tags

**Answer: A**

115. Liam has just converted all his old Excel files to Microsoft Access. He wants his site users to be able to access subsets of the data he now has in his database. What should Liam do to accomplish this?

- A. Pre-organize the data in static subsets.
- B. Create queries for dynamic data retrieval.
- C. Create new tables for multiple data display.
- D. Create dynamic table generation.

**Answer: B**

116. Which type of administration allows a user running a Macintosh to manage a UNIX server in another location?

- A. Browser administration
- B. Parallel interfacing
- C. BBS interfacing
- D. BBS administration

**Answer: A**

117. Why is the model that drives the Web not considered a procedural model?

- A. The nature of the procedural model is represented extensively, but only in specific event-driven environments.
- B. There is a lack of sequential interaction in most daily interactions on the Web.
- C. There are no methods on the Web to enforce the procedural model's rules.
- D. The Web is not mature enough to support the structure of the procedural model, so it must support the event-driven model.

**Answer: B**

118. Alex is formatting text on his Web page. He must decide whether to specify the font size he prefers or allow relative sizing. What is the advantage of using relative sizing for fonts?

- A. Each font will be the correct size.
- B. The relative font size will override the default size value.
- C. Each font will be proportional to the default font size.
- D. Relative sizing is useful only for sizing fonts inline with images.

**Answer: C**

119. The mindmapping process structures Web site development in:

- A. linear form.
- B. procedural form.
- C. textual form.
- D. spatial form.

**Answer: D**

120. Color is an important element in Web design. Which one of the following choices lists the additive colors?

- A. Red, yellow and blue
- B. Cyan, magenta, yellow and blue
- C. White and black
- D. Red, green and blue

**Answer: D**

121. Sasha has an image that she wants to use on her Web site, but she wants to make the background transparent. How can she create a transparent GIF image?

- A. She can manipulate image properties with an image-editing tool.
- B. She can configure her browser to make the GIF transparent.
- C. She can use the ALT attribute value "transparent" in the <IMG> tag.
- D. She must convert the image to JPG format.

**Answer: A**

122. How is the Web medium different from traditional media such as print?

- A. The Web medium cannot create interactivity with the user whereas print media can.
- B. Print media can personalize the user's experience whereas the Web medium cannot.
- C. The Web medium makes print media "brochures" more effective.
- D. The print medium is linear whereas the Web medium is non-linear.

**Answer: D**

123. Sasha wants to effectively represent her company style on its Web site. Which element could easily accomplish this? Sasha wants to effectively represent her company? style on its Web site. Which element could easily accomplish this?

- A. Borders
- B. Tables
- C. Color
- D. White space

**Answer: C**

124. Consider the following URL: <http://www.companyname.com/marketing/newproducts/pricing> Which of the following information is located in the first subdirectory under the main home page?

- A. Pricing
- B. New products
- C. Marketing
- D. Company name

**Answer: C**

125. Abjee is designing a Web site, and he wants to establish effective navigation. What rule of thumb should he consider as a navigation guideline?

- A. The three-click rule
- B. The five-click rule
- C. The site-map rule
- D. The keep-it-simple rule

**Answer: A**

126. Emilio wants to indent a paragraph by 17 pixels. Which of the following tags should he use?

- A. <INDENT PARA=17>
- B. <IMG SRC="transparent.gif" HEIGHT="2" WIDTH="17">
- C. <IMG SRC=transparent.gif WIDTH=17>
- D. <IMG SRC="transparent.gif" WIDTH="17">

**Answer: B**

127. Marguerite is designing a site that promotes radio stations. She considers some scenarios in which people would use the site for information, and she plans to work on the look of the site later. What is the name for the approach that Marguerite is taking?

- A. Top-down approach
- B. Bottom-up approach
- C. Inside-out approach
- D. User-based approach

**Answer: B**

128. Why do vector graphics perform better than other file formats within the Internet space?

- A. Because they compress with absolutely no loss of visual quality
- B. Because they can include sound without encoding the graphic with the file information
- C. Because they are represented with bitmaps rather than mathematical formulas, and are easily read by browsers
- D. Because they are represented by mathematical calculations and are smaller than bitmaps by orders of magnitude

**Answer: D**

129. In the bottom-up approach to Web development, which development factor is considered most important?

- A. Budgetary concerns
- B. Web site functionality
- C. User scenarios
- D. The development schedule

**Answer: C**

130. FAQ, About Us, Contact Us, and Help are all examples of which of the following?

- A. Familiar conventions
- B. Guided conventions
- C. Guided navigation
- D. Organized navigation

**Answer: A**

131. Which of the following is important for detailed Web site structure?

- A. File names
- B. Icons
- C. IP address schemes
- D. File content

**Answer: A**

132. How does the anti-aliasing process help Web design?

- A. Eliminates font substitution
- B. Gives fonts a smoother appearance
- C. Keeps font size consistent
- D. Reduces download time

**Answer: B**

133. Why is streaming audio often preferable to downloaded audio?

- A. Because streaming audio creates better sound quality
- B. Because streaming audio enhances stereo sound
- C. Because streaming audio plays while downloading
- D. Because streaming audio is easier to implement in Web sites

**Answer: C**

134. You are developing your company's Web site. To achieve maximum site usability, you plan to conduct some usability tests before the site goes live. Which step should you include in your Web usability testing?

- A. Conduct your usability test early in the development process so you can begin working out bugs immediately.
- B. Use other members of your site design team to conduct tests so your feedback will be technical and relevant.
- C. Give each participant a list of actual tasks and operations but no indication of how to perform them.
- D. Be available during the testing process to answer any questions that your testing participants may have.

**Answer: C**

135. Liam is instructed to create a visually appealing bitmap image for the home page that links to all the other pages. He tests the image and finds that only one hyperlink works. Why?

- A. He targeted the hyperlinks to different pages in the site.
- B. He did not segment the image correctly.
- C. He imported the image as a whole bitmap.
- D. He tested the page with Netscape Navigator.

**Answer: B**

136. A slight difference exists between the Microsoft Windows system palette and the Netscape Navigator browser palette. What is the difference?

- A. The Windows system palette uses 216 colors, whereas the Navigator browser palette uses 256 colors.
- B. The Windows system palette uses 256 colors, whereas the Navigator browser palette uses 216 colors.
- C. The Windows system palette uses 255 colors, whereas the Navigator browser palette uses 256 colors.
- D. The Windows system palette uses 256 colors, whereas the Navigator browser palette uses 255 colors.

**Answer: B**

137. On a computer monitor, two color guns are fired. One gun is red and one is green. Which of the following colors would be produced?

- A. Brown
- B. Black
- C. Yellow
- D. Purple

**Answer: C**

138. A corporate logo is typically linked to:

- A. profiles of the company's executive staff.
- B. the Frequently Asked Questions page.
- C. a site search function.
- D. the site's home page.

**Answer: D**

139. Web site developers use the intended audience's lowest common denominator to assure that:

- A. the site is not beyond most visitors' education levels.
- B. most visitors have enough time to view site features.
- C. most visitors have adequate technology to view the site.
- D. every type of transmission hardware will operate the site adequately.

**Answer: C**

140. In graphics programs, what does a ratio of 1:2 usually mean?

- A. The graphic is being displayed at twice the size of the original.
- B. The graphic has one-half the colors of the original.
- C. Each pixel is represented by two pixels.
- D. The graphic is being displayed at one-half the original size.

**Answer: D**

141. A slight difference exists between the Microsoft Windows system palette and the Netscape Navigator browser palette. What is the difference?

- A. The Windows system palette uses 216 colors, whereas the Navigator browser palette uses 256 colors.

- B. The Windows system palette uses 256 colors, whereas the Navigator browser palette uses 216 colors.
- C. The Windows system palette uses 255 colors, whereas the Navigator browser palette uses 256 colors.
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**Answer: B**

142. How does the anti-aliasing process help Web design?

- A. Eliminates font substitution
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- D. Reduces download time

**Answer: B**

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- C. <IMG SRC=transparent.gif WIDTH=17>
- D. <IMG SRC="transparent.gif" WIDTH="17">

**Answer: B**

144. Consider the following URL: <http://www.companyname.com/marketing/newproducts/pricing> Which of the following information is located in the first subdirectory under the main home page?

- A. Pricing
- B. New products
- C. Marketing
- D. Company name

**Answer: C**

145. Jorge is developing a navigation scheme for his Web site. Which of the following guidelines should he apply?

- A. Provide quick links.
- B. Expect users to have similar backgrounds.
- C. Do not imitate other navigation schemes.
- D. Develop by adapting to the browser buttons.

**Answer: A**

146. Which one of the following graphic formats is best suited for displaying line art on a computer monitor?

- A. Bitmap
- B. Dithering
- C. Pixel
- D. Vector

**Answer: D**

147. In the context of Web site design, what is a metaphor?

- A. A metaphor suggests a likeness to some other familiar thing.
- B. A metaphor creates a new definition.
- C. A metaphor provides differentiation from some other thing.
- D. A metaphor suggests uniqueness.

**Answer: A**

148. Sasha has an image that she wants to use on her Web site, but she wants to make the background transparent. How can she create a transparent GIF image?

- A. She can manipulate image properties with an image-editing tool.
- B. She can configure her browser to make the GIF transparent.
- C. She can use the ALT attribute value "transparent" in the `<IMG>` tag.
- D. She must convert the image to JPG format.

**Answer: A**

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- B. Black
- C. Yellow
- D. Purple

**Answer: C**

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151. Alex is formatting text on his Web page. He must decide whether to specify the font size he prefers or allow relative sizing. What is the advantage of using relative sizing for fonts?

- A. Each font will be the correct size.
- B. The relative font size will override the default size value.
- C. Each font will be proportional to the default font size.
- D. Relative sizing is useful only for sizing fonts inline with images.

**Answer: C**

152. You are assigned to manage the development of a Web presence for your company, and you must plan the agenda for your first development team meeting. Which development phase typically begins the Web site development process?

- A. Implementation
- B. Analysis
- C. Production
- D. Conceptualization

**Answer: D**

153. In what way can Dynamic HTML (DHTML) enhance HTML?

- A. Increased browser compatibility
- B. Faster download times
- C. Web site interactivity
- D. Increased server compatibility

**Answer: C**

154. Marguerite is designing a site that promotes radio stations. She considers some scenarios in which people would use the site for information, and she plans to work on the look of the site later. What is the name for the approach that Marguerite is taking?

- A. Top-down approach
- B. Bottom-up approach
- C. Inside-out approach
- D. User-based approach

**Answer: B**

155. Abjee is designing a Web site, and he wants to establish effective navigation. What rule of thumb should he consider as a navigation guideline?

- A. The three-click rule
- B. The five-click rule
- C. The site-map rule
- D. The keep-it-simple rule

**Answer: A**

156. Which one of the following choices best describes the nature of the Internet?

- A. Passive and capable of one-to-one relationships
- B. Passive and uses the same concepts as mass media
- C. Transactional and capable of one-to-one relationships
- D. Linear

**Answer: C**

157. The mindmapping process structures Web site development in:

- A. linear form.
- B. procedural form.
- C. textual form.
- D. spatial form.

**Answer: D**

158. Liam is instructed to create a visually appealing bitmap image for the home page that links to all the other pages. He tests the image and finds that only one hyperlink works. Why?

- A. He targeted the hyperlinks to different pages in the site.
- B. He did not segment the image correctly.
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159. Web site developers use the intended audience's lowest common denominator to assure that:

- A. the site is not beyond most visitors' education levels.
- B. most visitors have enough time to view site features.
- C. most visitors have adequate technology to view the site.
- D. every type of transmission hardware will operate the site adequately.

**Answer: C**

160. Liam and his boss are discussing the characteristics necessary for their company e-commerce site. Liam boss asks about storing the complex Liam and his boss are discussing the characteristics necessary for their company? e-commerce site. Liam? boss asks about storing the complex data that users enter for marketing purposes. Liam calls this required site characteristic what?

- A. Database integration
- B. Structured Query Language
- C. Data analysis
- D. Database purging

**Answer: A**

161. You are developing your company's Web site. To achieve maximum site usability, you plan to conduct some usability tests before the site goes live. Which step should you include in your Web usability testing?

- A. Conduct your usability test early in the development process so you can begin working out bugs immediately.
- B. Use other members of your site design team to conduct tests so your feedback will be technical and relevant.
- C. Give each participant a list of actual tasks and operations but no indication of how to perform them.

D. Be available during the testing process to answer any questions that your testing participants may have.

**Answer: C**

162. Warren is creating images for his Web site. As he increases image color depth, what happens to the images?

- A. File size decreases with greater color depth.
- B. File size increases with greater color depth.
- C. File size remains the same, but quality increases.
- D. File size remains the same, but quality decreases.

**Answer: B**

163. How is the Web medium different from traditional media such as print?

- A. The Web medium cannot create interactivity with the user whereas print media can.
- B. Print media can personalize the user's experience whereas the Web medium cannot.
- C. The Web medium makes print media "brochures" more effective.
- D. The print medium is linear whereas the Web medium is non-linear.

**Answer: D**

164. Ling knows that Dreamweaver 3.0 supports user-input forms. What does Dreamweaver not support?

- A. Browser-side extensions
- B. Server-side extensions
- C. Browser-side processing
- D. Server-side processing

**Answer: D**

165. You are creating a database of contact information for all the employees at your company. Which term describes the rows in your database table, each of which contains a complete set of information (name, phone number and e-mail address) for one person?

- A. Field
- B. Schema
- C. File
- D. Record

**Answer: D**

166. Which technology provides a standard method for accessing databases by inserting a database driver as a middle layer between the database management system and the database application to translate requests and commands?

- A. Structured Query Language (SQL)
- B. Java Database Connectivity (JDBC)
- C. Open Database Connectivity (ODBC)

D. Relational Database Management System (RDBMS)

**Answer: C**

167. Which of the following choices best describes the features of an object-oriented programming language?

- A. Methods, properties, and inheritance
- B. Top-down, event-driven code that may inherit properties from the main program or another event
- C. Methods, portability, and top-down code refinement
- D. Run-time interpretation and threaded execution

**Answer: A**

168. XML flexibility is primarily dependent on which one of the following? XML flexibility is primarily dependent on which one of the following?

- A. Server capacity
- B. HTML compatibility
- C. Server-side development
- D. Browser development

**Answer: D**

169. Liam has just converted all his old Excel files to Microsoft Access. He wants his site users to be able to access subsets of the data he now has in his database. What should Liam do to accomplish this?

- A. Pre-organize the data in static subsets.
- B. Create queries for dynamic data retrieval.
- C. Create new tables for multiple data display.
- D. Create dynamic table generation.

**Answer: B**

170. Why is the model that drives the Web not considered a procedural model?

- A. The nature of the procedural model is represented extensively, but only in specific event-driven environments.
- B. There is a lack of sequential interaction in most daily interactions on the Web.
- C. There are no methods on the Web to enforce the procedural model's rules.
- D. The Web is not mature enough to support the structure of the procedural model, so it must support the event-driven model.

**Answer: B**

171. Consider the following XML code example:

```
<ml version="1.0">
```

What error in the code will prevent this page from rendering in the browser?

- A. Missing <META> tag

- B. Missing double dashes for comments
- C. Missing closing tag
- D. Missing question marks

**Answer: D**

172. You want to include new or non-traditional file formats on your Web site. You decide to offer a plug-in that requires offline installation for your users who want to view these new files. Which choice describes the offline plug-in installation process?

- A. The plug-in comes already installed in the browser by the browser manufacturer; the user must simply select a preference to view the new file format.
- B. The plug-in installation file is downloaded from the Web and run by the user, after which the new file formats may be used.
- C. The plug-in is downloaded along with the associated new file format, and both are run from the user's desktop offline.
- D. The plug-in is installed in a single browser session and can run without restarting the browser or computer.

**Answer: B**

173. While browsing the Web, Ling downloads a page that takes a long time. She notices that the images appear progressively throughout the download, but the applets do not. The status bar shows the remaining percentage for the applet to complete. Why is Ling unable to see the applet while it downloads?

- A. Java applets must register parameters with the JVM.
- B. Java applets cannot instantiate without a class file.
- C. Java applets have no streaming capability.
- D. Java applets are memory-intensive throughout downloading.

**Answer: C**

174. In programming languages, which term is used to describe object behaviors?

- A. Attributes
- B. Properties
- C. Methods
- D. Classes

**Answer: C**

175. Which type of administration allows a user running a Macintosh to manage a UNIX server in another location?

- A. Browser administration
- B. Parallel interfacing
- C. BBS interfacing

D. BBS administration

**Answer: A**

176. Which statement accurately describes a characteristic or function of cookies?

- A. Cookies contain viruses and should always be rejected, or at least scanned for viruses.
- B. Cookies can read files from your hard drive and e-mail, unless they are session cookies.
- C. Once set, cookies are sent to the server rather than retrieved by the server.
- D. Cookies cannot be deleted from your computer once you accept them, and they never expire.

**Answer: C**

177. Rochelle runs a help desk within a legal research firm. She is excited about the use of XML in the conversion of documents to the company intranet. Why will this process be a tremendous aid to the help desk staff?

- A. XML provides a consistent look with the use of procedural markup.
- B. XML enhances the efficiency of word searches through custom tags.
- C. XML provides automatic document conversion services.
- D. XML enhances efficiency of word searches through key words in the <META> tag.

**Answer: B**

178. Which set of cookie parameters is required to generate a cookie?

- A. path=path
- B. name=value
- C. domain=domain
- D. expires=date

**Answer: B**

179. Consider the following HTML code example:

```
<TITLE>Document Imaging</TITLE>
```

```
<BODY>
```

```
<CENTER><B>Document Imaging Overview</B></CENTER>
```

Document imaging is an ever-increasing process happening daily in the marketplace. This article will cover the three main elements needed to efficiently create an imaging solution: hardware, software, and process.<P>

```
<H2>Hardware</H2>
```

```
</BODY>
```

What is a potential problem with the output of this code?

- A. The implicit structure by use of procedural markup
- B. The use of incorrectly ordered heading tags
- C. The varied letter case usage throughout the code

D. The failure to close container tags

**Answer: A**

180. Which one of the following choices describes an example of multithreading?

- A. Running Excel while running a Java applet in a browser
- B. Opening three applications in separate windows
- C. Handling user interaction and computation with one applet at the same time
- D. Calling a process with VBScript and then invoking a Java applet

**Answer: C**

181. You want to use an applet on the home page of your Web site. For your code to conform to the HTML 4.01 standard, which tag should you use to embed the applet into your Web page?

- A. <PARAM>
- B. <OBJECT>
- C. <EMBED>
- D. <APPLET>

**Answer: B**

182. Which technique is referred to as inline scripting?

- A. The physical justification of the script (major routines on the left, and lesser routines indented and on the right)
- B. The use of<SCRIPT> tags in line with the <HEAD> and <BODY> tags
- C. The addition of the <INLINE> tag within the controlling HTML
- D. The embedding of scripting instructions within certain HTML tags

**Answer: D**

183. Consider the following HTML code example:

```
<B>Title</B>
<H1>Heading</H1>
<UL><LI>1st Item
<LI>2nd Item
</UL>
```

Which of the following choices best explains the difference between XML and HTML?

- A. XML does not allow uppercase letter usage.
- B. XML does not allow multiple tagged items on the same line.
- C. XML does not allow multiple nested closing tags to follow on the next line.
- D. XML does not allow the inference of tags.

**Answer: D**

184. What is the term for a drop-down menu on a Web page that automatically links to a specific URL when

the user makes a selection?

- A. Site menu
- B. CGI menu
- C. Hyperlink menu
- D. Jump menu

**Answer: D**

185. Which technology was created to provide a manner of describing both structure and content in Web pages?

- A. Hypertext Markup Language (HTML) 4.01
- B. Dynamic HTML (DHTML)
- C. Extensible Markup Language (XML)
- D. Cascading Style Sheets (CSS)

**Answer: C**

186. Which of the following products provides HTTP services?

- A. Sun Microsystems Java 1.2
- B. Verisign Certificate Authority
- C. Microsoft Internet Information Server (IIS)
- D. Netscape Server-Side JavaScript

**Answer: C**

187. Which choice best describes a cookie?

- A. A directory that stores information from a Web site on a user's computer
- B. An executable file placed on a user's computer that passes marketing information to the sponsoring Web site
- C. An alert box that allows users to accept or reject marketing information from a Web site
- D. A text file sent from a Web site to a user's computer that stores information for that user

**Answer: D**

188. Which term is defined as the structure of a database system?

- A. Row generation
- B. Schematic manipulation
- C. Integrational relation
- D. Schema

**Answer: D**

189. Marguerite wants a simple way to specify a default target for all the links on her Web page. Which HTML tag should she use?

- A. <BASE RANGE>

- B. <DEFAULT>
- C. <BASE>
- D. <FRAMESET>

**Answer: C**

190. When publishing a Web site using FTP, which of the following is typically required?

- A. User name and password
- B. E-mail client
- C. Browser
- D. Dedicated Internet connection

**Answer: A**

191. Abjee is designing a Web site for people who are hearing-impaired. Which of the following CSS2 functions would allow him to adjust the quality of synthesized speech?

- A. Font support
- B. Paged media
- C. Synthesized speech launchers
- D. Aural style sheets

**Answer: D**

192. Jorge visits his corporation technical library. He is looking for a book of rules, guidelines, and examples of usage that he can use to prepare text for publication on the corporation Web site. Which book or manual should Jorge use?

- A. A style guide
- B. A cascading style book
- C. The W3C manual of RFCs
- D. A Web resource guide

**Answer: A**

193. What is ICANN main responsibility

- A. Overseeing short-term technical issues of the Internet
- B. Overseeing the leadership for technical management
- C. Overseeing long-term research issues of the Internet
- D. Overseeing the accreditation of domain name registrars

**Answer: D**

194. You have developed several pages for a Web site and you are ready to publish them to the World Wide Web. Which service will you most likely use to transmit your finished Web page documents from your computer to the Web server that will host your site?

- A. Hypertext Transfer Protocol (HTTP)

- B. Internet Protocol (IP)
- C. Internet Service Provider (ISP)
- D. File Transfer Protocol (FTP)

**Answer: D**

195. What feature is offered by Lotus Domino, Allaire ColdFusion, Macromedia Dreamweaver Ultradev, and Pervasive Tango 2000?

- A. Animation creation
- B. Three-dimensional rendering
- C. Graphical data generation
- D. Database manipulation

**Answer: D**

196. To identify a downloadable file on his Web site, Ling includes the following code:

```
<A HREF="Legal Agreement.pdf">Click here to download the legal agreement.</A>
```

What else should Ling do to identify the downloadable file to users?

- A. Specify the visited hyperlink color.
- B. Add a file type description and size.
- C. Enter the file name in all-uppercase letters.
- D. Provide alternative file types.

**Answer: B**

197. Emilio wants to use Macromedia Flash technology for his entire Web site. What is the main disadvantage of doing this?

- A. Rapid site development and maintenance are not possible without a team of skilled Flash developers.
- B. The rapid change in Internet technology makes it difficult to keep pace using this specialized technology.
- C. Similar technologies are emerging that might render Flash obsolete.
- D. The cost and time required to develop a Flash site are prohibitive.

**Answer: A**

198. Warren wants to read a Request For Comments (RFC) about e-mail protocols. Which URL provides the most reliable information??

- A. www.rfc.org
- B. www.rfc-editor.com
- C. www.rfc-editor.org
- D. www.w3.org

**Answer: C**

199. If a Web page uses both a linked style sheet and style header blocks, what happens?

- A. The linked style sheet overrides the style header block.

- B. The style header block overrides the linked style sheet.
- C. The linked style sheet modifies the style header block for consistency.
- D. The style header block modifies the linked style sheet for consistency.

**Answer: B**

200. Abjee has a DSL connection. He prefers the delivery provided by the RealNetworks RealPlayer to the downloadable files he previously ran in QuickTime. Why?

- A. The smooth playback of the files
- B. The file size upon download
- C. The streaming delivery
- D. The absence of virus risk

**Answer: C**

201. Absolute sizing occurs when frames are expressed in which measurement?

- A. Percentages
- B. Pixels
- C. Bits
- D. Data elements

**Answer: B**

202. What distinguishes directories from search engines?

- A. Directories locate the links to the site, not the actual site.
- B. Directories find only Web advertisers.
- C. Directories use an automated process to find sites.
- D. Directories list only sites that are manually submitted.

**Answer: D**

203. Metadata can be used to provide which information?

- A. Client machine information
- B. Web page author information
- C. Site hosting information
- D. User preference information

**Answer: B**

204. Which one of the following statements about cookies is accurate?

- A. Cookies are simple graphic files.
- B. Cookies can contain user-enabled latent viruses.
- C. Cookies are stored in multiple locations on the user computer. Cookies are stored in multiple locations on the user? computer.
- D. Cookies are sent in the HTTP response header.

**Answer: D**

205. Sasha uses the <BODY> tag elements MARGINHEIGHT="0" and MARGINWIDTH="0". How will this affect her Web site?

- A. It will create a borderless page structure when viewed with Internet Explorer browsers.
- B. It will create a borderless page structure when viewed with Navigator browsers.
- C. It will create a borderless page structure when viewed with any type of browser.
- D. It will delete any text from the margins.

**Answer: B**

206. Which HTTP-EQUIV attribute value controls the page cache to the browser folder?

- A. META
- B. SET-COOKIE
- C. PRAGMA
- D. WINDOW-TARGET

**Answer: C**

207. Which HTML tag uses the correct syntax to create a frame?

- A. <FRAME SRC="home.htm" ID="main">
- B. <FRAME FILE="home.htm" NAME="main">
- C. <FRAMES SRC=home.htm NAME=main>
- D. <FRAME SRC="home.htm" NAME="main">

**Answer: D**

208. The ALT attribute of the <IMG> tag can perform which of the following functions?

- A. Provide information to impairment software
- B. Indicate the type of client that is viewing the image.
- C. Designate an alternate image source.
- D. Override browser settings to display the image.

**Answer: A**

209. Which HTML version includes features that improve accessibility for physically challenged users?

- A. HTML 4.0
- B. HTML 2.0
- C. Netscape Explorer
- D. HTML 7.0

**Answer: A**

210. In the <FRAMESET> tag, you can specify columns in which units of measure?

- A. Pixels or percentages
- B. Inches or centimeters

- C. Whole or decimal figures
- D. Whole figures or fractions

**Answer:** A

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