1. Choose the organization listed below that takes a proactive role in developing recommendations and prototype technologies related to the Web.
   a. Web Professional Standards Organization (WPO)
   b. Internet Engineering Task Force (IETF)
   c. Internet Corporation for Assigned Numbers and Names (ICANN)
   d. World Wide Web Consortium (W3C)

2. A network that is geographically dispersed and may use some form of public or commercial communications network is called a(n):
   a. LAN
   b. WAN
   c. Internet
   d. WWW

3. The first widely used graphical web browser was developed at:
   a. CERN
   b. NCSA
   c. NSF
   d. ARPA

4. A domain name is a unique text-based Internet address corresponding to a unique
   ____________.
   a. IP address
   b. domain name
   c. URL
   d. user name

5. New Top Level Domains (TLDs) are coordinated by:
   a. ICANN
   b. No one, because anyone can add a TLD to the Domain Name System
   c. W3C
   d. TCP

6. A language using a text-based syntax intended to extend the power of HTML by separating data from presentation is called _______.
   a. DHTML
   b. XML
   c. XHTML
   d. SGML
7. ________ combines the formatting strengths of HTML 4.0 and the data structure and extensibility strengths of XML.
   a. DHTML
   b. SGML
   c. HTML 5.0
   d. XHTML

8. Access points or junctions to the Internet Backbone are called ________.
   a. Internet Junctions
   b. Network Access Points
   c. Internet Connections
   d. none of the above

9. The purpose of the ________ protocol is to ensure the integrity of the communication.
   a. HTTP
   b. IP
   c. TCP
   d. FTP

10. The _____ protocol is a set of rules that controls how data is sent between computers on the Internet.
    a. HTTP
    b. IP
    c. TCP
    d. FTP

11. What tag pair is used to create a new paragraph?
    a. <new paragraph> </new paragraph>
    b. <paragraph> </paragraph>
    c. <p> </p>
    d. <para> </para>

12. What tag pair is used to create the largest heading?
    a. <h1> </h1>
    b. <h9> </h9>
    c. <h type="smallest"> </h>
    d. <h6> </h6>
13. Which tag is used to force the browser to display the next text or element on a new line?
   a. <new line />  
   b. <p>  
   c. <br />  
   d. <line />  

14. What attribute can be used to center an element (such as a paragraph) on a web page?
   a. Format  
   b. Align  
   c. Justify  
   d. none of the above

15. Choose the true statement below.
   a. The content that displays in the browser is contained in the head section.  
   b. The content that displays in the browser is contained in the body section.  
   c. Information about the web page is contained in the body section.  
   d. All of the above are true.

16. What type of XHTML list will automatically place a number in front of the items?
   a. numbered list  
   b. ordered list  
   c. unordered list  
   d. definition list

17. What type of XHTML list will automatically place a bullet point indicator in front of each item?
   a. Bullet list  
   b. ordered list  
   c. unordered list  
   d. definition list

18. What type of XHTML list would be good to use to display a list of terms and their definitions?
   a. bullet list  
   b. ordered list  
   c. unordered list  
   d. definition list

19. What tag pair contains the items in an ordered or unordered list?
   a. <item> </item>  
   b. <li> </li>  
   c. c. <dd> </dd>  
   d. d. none of the above
20. Choose the tag pairs that are used in a definition list.
   a. `<dt>  </dt>`
   b. `<dl>  </dl>`
   c. `<dd>  </dd>`
   d. all of the above

21. Cascading Style Sheet rules are comprised of:
   a. Selectors and Declarations
   b. Properties and Declarations
   c. Selectors and Attributes
   d. None of the above

22. When CSS is coded in the body of the web page as an attribute of an XHTML tag it is called
   ________.
   a. Embedded
   b. Inline
   c. External
   d. Imported

23. Select the items below that can be used as a CSS Selector.
   a. an XHTML element
   b. a class name
   c. an id name
   d. All of the above

24. The declaration property used to set the text color on a web page is:
   a. Bgcolor
   b. text-color
   c. color
   d. None of the above

25. To apply a style to a certain group of elements on a web page, configure a CSS _____________.
   a. Group
   b. Id
   c. Class
   d. None of the above
26. Use the __________ property to configure bold text using CSS
   a. Bold
   b. font-style
   c. font-weight
   d. you cannot configure bold text with CSS

27. An External Style Sheet uses the _____ file extension.
   a. Ess
   b. Css
   c. Htm
   d. No file extension is necessary

28. Use the ______ tag to associate a web page with an External Style Sheet.
   a. <target>
   b. <a>
   c. <include>
   d. <link />

29. Select the code below that uses CSS to configure a background color of #eaeaea for a Web page.
   a. body {background-color:#eaeaea; }
   b. document {background-page:#eaeaea; }
   c. body {bgcolor:#eaeaea; }
   d. None of the above

30. Select the code below that configures a class called “offer” with blue text, 20 px and Arial or sans-serif font using CSS.
   a. .offer { color:blue; font-size:20x; font-family:Arial,sans-serif;}
   b. .offer { color:blue; font-size:20px; font-family:Arial,sans-serif;}
   c. .offer { text:blue;font-size:20px; font-family:Arial,sans-serif;}
   d. #offer { text:blue;font-size:20px; font-family:Arial,sans-serif;}

31. Choose the item that creates an image link to the school.htm page when the school.gif graphic is clicked.
   a. <a href="school.htm" src="school.gif" alt="school"></a>
   b. <a href="school.htm"> <img src="school.gif" alt="school" /></a>
   c. <img src="school.gif" href="school.htm" alt="school">
   d. none of the above
32. Select the best reason to include height and width attributes on an `<img />` tag.
   a. they are required attributes and must always be included
   b. to help the browser render the page faster because it reserves the appropriate space for the image
   c. to help the browser display the image in its own window
   d. none of the above

33. Select the browser’s action when you configure BOTH a background color and background image for the body selector.
   a. display the background color instead of the background image
   b. will display no background for the page because it is “confused”
   c. display the background color while the background image loads and before the background
   d. image is displayed
   e. do none of the above

34. Select the tag used to place an image on a web page.
   a. `<a href>`
   b. `<img />`
   c. `<image>`
   d. `<graphic>`

35. Choose the attribute used to provide accessibility by configuring a text alternative that is available to browsers and other user agents that do not support graphics.
   a. `alt`
   b. `text`
   c. `src`
   d. none of the above

36. A type of graphic that is best-suited to photographs is:
   a. `jpg`
   b. `photo`
   c. `gif`
   d. none of the above

37. A type of graphic that can be made transparent and is commonly used on the Web is:
   a. `gif`
   b. `jpg`
   c. `png`
   d. `photo`
38. The Web Safe Color Palette is a collection of 216 colors that
   a. display quicker than other colors
   b. display the most similar on both the Mac and PC platforms
   c. relate to the fashion industry and change each year
   d. none of the above

39. Choose the color below that is considered a Web Safe Color:
   a. #0045CC
   b. #653456
   c. #000044
   d. #33FF99

40. Use the ______ attribute to display an image to the right of a block of text.
   a. align
   b. spacing
   c. alt
   d. none of the above

41. Select the three most common methods of organizing web sites.
   a. horizontal, vertical, and diagonal
   b. hierarchical, linear, and random
   c. accessible, readable, maintainable
   d. none of the above

42. Select the recommended design practice that applies to a web site using images for main site navigation.
   a. provide alternative text for the images
   b. place text links at the bottom of the page
   c. both a and b
   d. no special considerations are needed

43. The file size of a web page and its associated media should not exceed _____ to avoid overly long load times.
   a. 30KB
   b. 60KB
   c. 1MB
   d. 60MB
44. Which of the following is not a web design recommended practice?
   a. design your site to be easy to navigate
   b. use frames whenever possible
   c. design your pages to load quickly
   d. limit the use of animated items

45. Select the item below that does not belong in a consistent web site design.
   a. the same fonts on each content page
   b. the same logo in the same location on each content page
   c. a similar navigation area on each content page
   d. a different background color on each page

46. Select the items below that can help to appeal to the intended or target audience of a site.
   a. the amount of color used on the site
   b. the font size and styles used on the site
   c. the overall look and feel for the site
   d. all of the above

47. The main site navigation or a section offering navigation choices should contain:
   a. no more than nine links
   b. as many links as you need
   c. only the most important pages
   d. none of the above

48. Select the best description of “white space”.
   a. empty screen area around blocks of text and images
   b. using the background color of white for a page
   c. both a and b
   d. none of the above

49. Select a good design recommendation for text hyperlinks.
   a. create the entire sentence as a hyperlink
   b. include the words “Click here” in your text
   c. use a key phrase as a hyperlink
   d. none of the above

50. Select the most commonly used screen resolution.
   a. 640 by 480
   b. 800 by 600
   c. 1024 by 768
   d. none of the above
51. To apply a style to a certain group of elements on a web page, configure a CSS _____________.
   a. group
   b. id
   c. class
   d. None of the above

52. The box model consists of a content area surrounded by:
   a. a border
   b. padding, border, and margin
   c. border and margin
   d. spacing, border, and margin

53. The _______ is the area between the content and the margin.
   a. border
   b. spacing
   c. padding
   d. none of the above

54. _______ flow displays the elements on the page in the order they appear in the web page source code.
   a. default
   b. source code
   c. browser
   d. normal

55. Use ___________ positioning to slightly change the location of an element in relation to where it would otherwise appear when rendered by a browser.
   a. absolute
   b. float
   c. relative
   d. z-index

56. The CSS to create the class called myfloat that floats to the right of the other page content, has a 10px margin, and a solid border is:
   a. .myfloat { float:right; margin:10px; border:solid; }
   b. #myfloat { right:float: margin 10px; border:solid; }
   c. .myfloat { float:right 10px:margin; border:normal; }
   d. .myfloat { float:right; margin:10px; solid:border; }
57. The ________ property is used to modify the stacking order of elements on a web page.
   a. display
   b. z-index
   c. stacking
   d. float

58. The default value for the border property for an element is:
   a. 1 pixel
   b. 0 pixels
   c. 3 pixels
   d. 10 pixels

59. When using the box model, the _____ is always transparent.
   a. border
   b. content
   c. spacing
   d. margin

60. Use an id to configure a style when:
   a. the style could apply to more than one element on a page.
   b. the style will apply to only one element on a page.
   c. the style is used for all elements on a page.
   d. None of the above

61. How would you define a fragment identifier at the top of a page, called “top”?
   a. <div id="top">
   b. <div bookmark="top">
   c. <div id="#top">
   d. <div href="top">

62. How would you link to the named fragment #school on the page resume.html from the home page of the site?
   a. <a href="resume.html#school">Educational Background</a>
   b. <a name="resume.html#school"> Educational Background </a>
   c. <a link="resume.html#school"> Educational Background </a>
   d. none of the above
63. The __________ attribute of the anchor tag can cause the new web page to open in its own browser window.
   a. target
   b. window
   c. id
   d. none of the above

64. When do you need to use a fully qualified URL in a hyperlink?
   a. when creating an internal link to the same web page
   b. when linking to a page in another folder on the same site
   c. when linking to a page on an external web site
   d. never

65. If a web page contains both a link to an External Style Sheet and Embedded Styles,
   a. the Embedded Styles will be applied first, then the External Styles will be applied.
   b. only the Inline Styles will be used
   c. the External Styles will be applied first, then the Embedded Styles will be applied.
   d. the web page will not display

66. Use the _______________ property to configure an image to use as a bullet point in an unordered list.
   a. bullet-image
   b. image-style
   c. list-style-image
   d. bullet-style-image

67. Use the ______ property in the XHTML link tag to associate a Web page with a style sheet printing.
   a. media="print"
   b. out="printer"
   c. media="paper"
   d. media="screen"

68. __________________ will cause an object not to display.
   a. display:block;
   b. display: 0px;
   c. display:none;
   d. this cannot be done with CSS
69. From the choices below select the correct order to code CSS pseudo-classes.
   a. link, hover, visited, active
   b. hover, link, active, visited
   c. link, visited, hover, active
   d. link, hover, active, visited

70. Set list-style-type to the value ___________ to hide the display of the list markers on an ordered list.
   a. none
   b. hide
   c. invisible
   d. nodisplay

71. To define the distance between the edges of each cell in a table use the _____ attribute.
   a. cellpadding
   b. cellspacing
   c. cellspacing
   d. cellborder

72. To define the distance between the cell text and the cell border in a table, use the ____ attribute.
   a. cellpadding
   b. cellspacing
   c. cellspacing
   d. cellborder

73. Use the _____ tag pair to begin and end a table row.
   a. <td> </td>
   b. <tr> </tr>
   c. <table> </table>
   d. none of the above

74. Use the ______ attribute to configure the width of a table border.
   a. tableborder
   b. width
   c. border
   d. none of the above
75. Use the ____ tag pair to configure table headings.
   a. <td>  </td>
   b. b. <th>  </th>
   c. c. <head>  </head>
   d. d. none of the above

76. A table with a width set to 600 pixels will look ______ on a monitor with resolution set to 640 x 480 than on a monitor with resolution set to 1024 x 768
   a. larger
   b. smaller
   c. the same
   d. more distorted

77. The __________ is an attribute of the <table> tag that provides accessibility.
   a. width
   b. summary
   c. border
   d. 1ist

78. The __________ attribute of the anchor tag can cause the new web page to open in its own browser window.
   a. target
   b. window
   c. id
   d. none of the above

79. Common uses of tables on web pages include:
   a. Formatting the layout of an entire page
   b. Formatting a group of information
   c. Forming hyperlinks
   d. Both a and b

80. Use ______ element to indicate column or row headings.
   a. <td>
   b. <th>
   c. <thead>
   d. <head>
81. Select the statement below that is true about forms.
   a. The <form> tag is optional
   b. It is recommended to use mailto: as the action on a form since that is the easiest for the web developer
   c. A form can be used to pass information to a program or script on the web server
   d. none of the above is true

82. Select the XHTML tag below that configures a button that, when clicked, will automatically reset form fields to their default values.
   a. <input type="reset"/>
   b. <button type="reset">Reset</button>
   c. <input type="button" value="Reset" />
   d. both a and b

83. Use the _____ attribute on the <form> tag to specify the name and location of the script that will process the form control values.
   a. action
   b. process
   c. method
   d. none of the above

84. Select the form control below that does not use the <input> tag.
   a. text box
   b. select list
   c. checkbox
   d. radio button

85. Select the XHTML tag below that configures a textbox with the name “email” and a width of 40 characters.
   a. <input type="text" id="email" width="40" />
   b. <input type="text" name="email" size="40" />
   c. <input type="text" name="email" space="40" />
   d. <input type="text" width="40" />

86. Select the form control below that would be appropriate to accept comments about your web site.
   a. select list
   b. text box
   c. scrolling text box
   d. None of the above
87. You would like to conduct a survey and ask your Web page visitors to indicate the computer operating systems that they use. Each visitor could use more than one computer operating system. Select the form control that is best to use for this purpose.
   a. check box
   b. radio button
   c. text box
   d. scrolling text box

88. An order form contains an area for Web visitors to select their state or province. You need to limit the amount of space on the form that is used for this feature. Select the form control that is best to use for this purpose.
   a. check box
   b. radio button
   c. text box
   d. select list

89. Choose the XHTML tag below that would configure a scrolling text box with the name "feedback", 3 rows, and 60 characters.
   a. `<textarea name="feedback" width="60" rows="3"></textarea>`
   b. `<input type="textarea" name="feedback" size="60" rows="3" />
   c. `<textarea name="feedback" rows="3" cols="60"></textarea>`
   d. none of the above

90. Select the XHTML below that would associate a label displaying the text “Phone” with the text box named customerPhone.
   a. Phone: `<input type="textbox" name="customerPhone" />
   b. `<label>Phone: <input type="text" name="customerPhone" /></label>
   c. `<label for="Phone">Phone: </label><input type="text" name="customerPhone"
       id="Phone" />
   d. both b and c

91. A long-standing methodology used to develop information systems is the
   a. System Development Life Cycle
   b. Service Delivery Life Cycle
   c. System Development Life Chain
   d. none of the above
92. The methodology used by web project teams is usually:
   a. the SDLC
   b. a derivative of the SDLC similar to the one discussed in this chapter
   c. decided on as the project is built
   d. web sites do not require the use of a development methodology

93. Select the tasks that should be performed when a web site is tested.
   a. check all of the hyperlinks within the site.
   b. view the site in a variety of Web browsers.
   c. view the site in a variety of screen resolutions.
   d. all of the above

94. Select the items involved in the role of an Information Architect.
   a. defining the site organization, navigation, and labeling
   b. attending all meetings and collecting all information
   c. managing the project
   d. none of the above

95. The Analysis Phase of a web site project determines
   a. “what” the site will do – not “how” it will be done
   b. the information topics of the site
   c. the content requirements of the site
   d. all of the above

96. In the _____ Phase a prototype of the web site will often be created.
   a. Design Phase
   b. Conceptualization Phase
   c. Production Phase
   d. Analysis Phase

97. Select an activity of the Production Phase:
   a. a web authoring tool is often used
   b. the graphics, web pages, and other components are created
   c. the web pages are individually tested
   d. all of the above

98. Select an activity of the Evaluation Phase
   a. is a time to review the goals for the site
   b. may result in another loop through the development process
   c. both of the above
   d. none of the above
99. ____________ is appropriate for the initial web presence of an organization:
   a. Virtual Hosting
   b. Free Web Hosting
   c. Dedicated Hosting
   d. Co-located Hosting

100. ____________ is appropriate for a large to enterprise web site.
    a. Virtual Hosting
    b. Free Web Hosting
    c. Dedicated Hosting
    d. none of the above
Answers:
1. d
2. b
3. b
4. a
5. a
6. b
7. d
8. b
9. c
10. b
11. c
12. a
13. c
14. b
15. b
16. b
17. c
18. d
19. b
20. d
21. a
22. b
23. d
24. c
25. c
26. c
27. b
28. d
29. a
30. b
31. b
32. b
33. c
34. b
35. a
36. a
37. a
38. b
39. d
40. a
41. b
42. c
43. b
44. b
45. d
46. d
47. a
48. a
49. c
50. c
51. c
52. b
53. c
54. d
55. c
56. a
57. b
58. b
59. d
60. b
61. a
62. a
63. a
64. c
65. c
66. c
67. a
68. c
69. c
70. a
71. c
72. b
73. b
74. c
75. b
76. a
77. b
78. a
79. d
80. b
81. c
82. d
83. a
84. b
85. b
86. c
87. a
88. d
89. c
90. d
91. a
92. b
93. d
94. a
95. a
96. a
97. d
98. c
99. a
100. c