## Principles of Web Design The Web Technologies Series 5th Edition Skalar Test Bank

Full Download: https://alibabadownload.com/product/principles-of-web-design-the-web-technologies-series-5th-edition-skalar-tes-

# Chapter 1: HTML and the Modern Web

TRUE	FΑ	LSE
------	----	-----

1.	The W3C was founded before HTML was first formalized.					
	ANS: F	PTS: 1	REF: 9-10			
2.	. The various committees that make up the W3C look to expand and set standards for the many new Web technologies that have emerged.					
	ANS: T	PTS: 1	REF: 10			
3.	XML does not allo	w you to create yo	ur own elements.			
	ANS: F	PTS: 1	REF: 11			
4.	It is best practice to HTML5.	use all uppercase	characters for element and attribute names when writing			
	ANS: F	PTS: 1	REF: 20			
5.	HTML is a What Y	You See Is What Y	ou Get (WYSIWYG) layout tool.			
	ANS: F	PTS: 1	REF: 29			
6.	Most recent HTML	authoring tools o	ffer syntax validation and code conversion.			
	ANS: T	PTS: 1	REF: 29			
7.	A page that you cre	eate in an editing i	nterface will always look exactly the same in every browser.			
	ANS: F	PTS: 1	REF: 30			
8.	_		ot mean that your site has to be visually uninteresting, although nultimedia enhancements.			
	ANS: T	PTS: 1	REF: 31			
9.	Standardizing coding	ng practices helps	clean up most common coding errors.			
	ANS: T	PTS: 1	REF: 32			
10.	Migrating from HT	ML to HTML5 in	an existing site should be done as quickly as possible.			
	ANS: F	PTS: 1	REF: 32-33			
MUL	TIPLE CHOICE					
1		to a indicate a the tif	he text is a ton-level heading			
- 1	The element t	iau indicates that f	ne iexi is a fon-level neading			

c. <h6>

d.  $\langle h7 \rangle$ 

a. <h0>

b. <h1>

	ANS: B	PTS:	1	REF:	4
2. HTML elements should be used properly to describe each section of the document base structure of the document.					
	<ul><li>a. programming</li><li>b. design</li></ul>				coding logical
	ANS: D	PTS:	1	REF:	4
3.	Every browser inter	prets HT	ML in its	-	
	<ul><li>a. compiler</li><li>b. translator</li></ul>				rendering engine interpreter
	ANS: C	PTS:	1	REF:	•
4.	lets you contro	ol the pre	esentation	characteristic	cs of an entire Web site with a single style sheet
	a. SGML			c.	CSS
	b. WYSIWYG			d.	HTML
	ANS: C	PTS:	1	REF:	6
5.	A is a set of ru	ıles that	describes	the display c	haracteristics of a document.
	a. template sheet				template
	b. style sheet			d.	guide
	ANS: B	PTS:	1	REF:	6
6.	Tim Berners-Lee fin	rst propo	sed HTMI	L at the Euro	pean Laboratory for Particle Physics (CERN) in
	a. 1984			c.	1989
	b. 1987			d.	1991
	ANS: C	PTS:	1	REF:	9
7.		narkup la	nguages a	nd standards	to address new demands is handled by the
	a. WC				W2C
	b. W1C			a.	W3C
	ANS: D	PTS:	1	REF:	9-10
8.	The W3C released	version 4	.01 of		
	a. XHTML				CSS
	b. HTML	PEG			XML
	ANS: B	PTS:	1	REF:	11
9.	follows the ma		es of	<u>.</u> •	
	a. XML; XHTML			c.	HTML; XML
	b. XHTML; XML		1	d.	HTML; XHTML
	ANS: B	PTS:		REF:	
10.	In XHTML, empty	elements	are mark		
	<ul><li>a. cancel element</li><li>b. end tag</li></ul>				closing slash null string
	<i>-</i>				$\boldsymbol{\mathcal{C}}$

	ANS: C	PTS:	1	REF:	13
11.	Which of the follow a. This is b. This is c. This is d. This is	the f the f the	irst parag: irst parag: first parag	raph. raph. graph	
	ANS: A	PTS:	1	REF:	13
12.	The stricter syntax r a. CSS b. WYSIWYG	ules of I	HTML5 are con	c.	with syntax. JSP XHTML
	ANS: D	PTS:	1	REF:	16
13.	In a professional We the basic synta		opment environ	ment, i	t is best practice to code using syntax that follows
	<ul><li>a. CSS</li><li>b. HTML</li></ul>				XML ASP
	ANS: C	PTS:	1	REF:	17
14.	When one source of	content	is maintained b	out diss	eminated to different users or devices, it is called
	<ul><li>a. single-sourcing</li><li>b. templating</li></ul>				styling coding
	ANS: A	PTS:	1	REF:	18
15.	HTML5 is no longer a. SGML b. WYSIWYG	r based o	on		CSS WCC
	ANS: A	PTS:	1	REF:	18
16.	A document is a. rule-adhering b. standardized	one tha	t adheres to the	c.	rules of the language. proper well-formed
	ANS: D	PTS:	1	REF:	20
17.	Which of the follow a. <p <p="" class="c&lt;/td&gt;&lt;td&gt;copy" d.="" p"=""> copy"&gt; ppy&gt;He</p>	Here is sor ">Here is s re is some	me te some text	text	
	ANS: A	PTS:	1	REF:	21
18.	The element is a. <article> b. <body></body></article>	the roo	t or parent elem	c.	all content sections, making it a sectioning root. <header> <section></section></header>
	ANS: B	PTS:	1	REF:	22

19.	which of the follows a. <content></content>	ng is a h	leading elemer		<section></section>
	b. <body></body>				<h2></h2>
	ANS: D	PTS:	1	REF:	22
20.	Which of the following a. <h1> b. <strong></strong></h1>	ng elem	ents is include	c.	rasing content? <body> <img/></body>
	ANS: B	PTS:	1	REF:	22
21.	Which of the following graphics, animations a. <command/> b. <output></output>			? c.	.5 that lets scripting applications dynamically render
	ANS: C	PTS.	1	REF:	
22.	The HTML5 elemen a. the primary page b. additional conter c. the page header of d. images for article	t <figure e content nt such a content</figure 	e> is used to co	ontain _	
	ANS: D	PTS:	1	REF:	27
23.		ble and j	portable to diff	ferent d	andate to separate frommakes your evices and destinations.
	ANS: A	PTS:	1	REF:	31
24.	What is one of the ma. Declaring a doct b. Missing closing ANS: B	ype		c.	ald make your code invalid? Quoting attributes Nesting tags
25.	What is the first step	you nee g display	d to take to mi	grate fr	rom HTML to HTML5? Evaluate existing code Start using CSS
	ANS: C	PTS:	1	REF:	33
~ <b>^</b> \\#	DI ETION				
	PLETION				
1.					I find that one of the best ways to learn new coding the
	ANS: source code				

	P15: 1	I	KEF:	4
2.				browsing the World Wide Web is the linking of information on related, a nonlinear way of organizing information.
	ANS: 1	nypertext		
	PTS:	1	REF:	8
3.	The for indu	stry and acade	emic re	sets standards for HTML and provides an open, nonproprietary forum presentatives.
	ANS: W3C World V	Wide Web Cor	nsortiur	n
	,	World Wide W Wide Web Con		
	PTS:	1	REF:	10
4.				ments are those that the W3C has identified as obsolete and consequently releases of HTML.
	ANS: I	Deprecated		
	PTS:	1	REF:	11
5.	You car	n nest XHTMI	L tags, l	out they must not
	ANS: o	overlap		
	PTS:	1	REF:	19
6.	All attri	bute values in	XHTM	IL must be contained within
	ANS: quotes quotatio	on marks		
	PTS:	1	REF:	19 21
7.				ent itself, such as how to present the document, or what other documents such as style sheets, is known as
	ANS: 1	netadata		
	PTS:	1	REF:	21
8.			is d	escriptive markup that identifies the intended use of document sections.
	ANS: S	Semantic mark	cup	

PTS: 1

REF: 31

9.	allows HTML authors to write style rules that affect the display of Web
	pages.
	ANS: Cascading Style Sheets CSS Cascading Style Sheets (CSS) CSS (Cascading Style Sheets)
	PTS: 1 REF: 34
10.	A(n) is a structured language that lets you identify common elements of a document such as headings, paragraphs, and lists.
	ANS: markup language
	PTS: 1 REF: 2 35

#### **ESSAY**

1. Define HTML, and describe its structure and role in Web design.

#### ANS:

HTML is a markup language, a structured language that lets you identify common sections of a Web page such as headings, paragraphs, and lists with markup tags that define each section. For example, the <h1> element in the following code indicates that the text is a first-level heading:

<h1>What is HTML?</h1>

Web pages are simply text documents that use HTML to tell the browser how to display each document section.

An HTML file includes the text that the user sees in the browser, contained within HTML markup elements the user cannot see that identify document sections and elements.

The HTML code is interpreted by the browser to create the displayed results. HTML is an application of SGML, a standard system for specifying document structure using markup tags.

PTS: 1 REF: 2-4

2. What are Cascading Style Sheets? Why are they useful?

#### ANS:

To add presentation information to Web pages, Web designers use a style language called Cascading Style Sheets (CSS). With CSS you can display information for different devices, lay out page designs, and control typography, color, and many other presentation characteristics.

Style elements such as <font> were introduced by browser developers to help Web designers bypass the design limitations of HTML. Using elements such as <font> to embed style information within structure limits the cross-platform compatibility of the content. A style sheet is a set of style rules that describes the display characteristics of a document. With style sheets, the presentation properties are separate from the content. This accommodates the variety of devices and users that browse the Web.

CSS lets you control the presentation characteristics of an entire Web site with a single style sheet document. For example, assume you want all of your <h1> headings to appear green and centered everywhere on your Web site. Prior to CSS you might have included the following code for every instance of an <h1> element:

<font color = "green"><h1 align="center">Some Heading Text</h1></font>

Using a CSS rule, you can express the same style as follows:

```
h1 {color: green; text-align: center;}
```

You can place this rule in an external style sheet and then link every page on your site to that style sheet; the single rule controls every <h1> element in your Web site. Later, if you want to change the <h1> color to red, you simply revise the style sheet rule to change every page on your site.

PTS: 1 REF: 5-8

3. Describe the two syntaxes HTML5 offers and explain the reasons why you may choose to use one over the other.

### ANS:

HTML5 offers two syntaxes. One is based on HTML syntax, and the other on stricter XML syntax rules, which makes it compatible with XHTML.

The HTML version of HTML5 is more relaxed and allows authors to use shortcuts in their code. Elements do not always have to be closed and the class attributes do not require quotes around their content values. This more relaxed version of HTML5 is backwards compatible with HTML 4.01. This syntax is appropriate for anyone building a noncommercial Web site.

The stricter syntax rules of HTML5 are consistent with XHTML syntax. XML syntax rules are applied. All elements require closing tags and class attributes require quotes around their content value. In a professional Web development environment it is best practice to code with this syntax. Using this syntax, the code you create for Web content can have multiple purposes and potentially be used in a variety of display and application environments.

PTS: 1 REF: 16-17

4. List the six basic rules needed to create syntactically correct HTML5 code and briefly describe each one.

#### ANS:

- 1. Documents must be well formed: A well-formed document is one that adheres to the syntax rules.
- 2. All tags must nest properly and not overlap: You can nest HTML elements, but they must not overlap. Each set of opening and closing tags must completely contain any elements that are nested within the set.
- 3. Use all lowercase for element names: Even though HTML5 allows uppercase and lowercase element names, it is considered good coding practice to always use lowercase. Use all lowercase characters for element and attribute names when writing your code, this will ensure that your code can be XHTML compatible if it needs to be used in some type of content management or application processing environment.

### Principles of Web Design The Web Technologies Series 5th Edition Skalar Test Bank

Full Download: https://alibabadownload.com/product/principles-of-web-design-the-web-technologies-series-5th-edition-skalar-tes

- 4. Always use closing tags: Although in the looser HTML5 syntax certain elements such as the elements are allowed optional closing tags, it is a much better practice to always close all elements.
- 5. Empty elements are marked with a closing slash: Empty elements must be marked "empty" by a slash ( / ) in the single tag.
- 6. Attribute values must be contained in quotation marks: Although in the looser HTML5 syntax, attribute values do not have to be quoted, your code is more compatible when you always contain all attribute values within quotes.

PTS: 1 REF: 19-21

5. What are the five steps involved in migrating from HTML to HTML5? Briefly describe each step.

#### ANS:

- 1. Evaluate existing code: Check for basic compliance with XHTML syntax rules. Are closing tags included? Are all tags lowercase? Are attributes quoted? How much cleanup work is necessary to make the code well formed? Most of this work can be automated in the various HTML editing programs.
- 2. Evaluate existing presentation information: How much of your code includes obsolete elements such as <font> and obsolete attributes such as "bgcolor," "face," and "size"? On many sites, this information can make up as much as 50 percent of the existing code. Start thinking about how you can express these characteristics in CSS.
- 3. Create coding conventions: Create coding conventions and follow them throughout the site. Make sure that new content added to the site follows the new coding and CSS standards. The more you standardize, the easier your maintenance chores become.
- 4. Start using CSS: Start by building simple style sheets that express basic characteristics such as page colors, font family, and font size. Consider using more advanced CSS options such as classes that allow you to name and standardize the various styles for your site. As you build style rules, start to remove the existing display information in the site.
- 5. Test for backward compatibility: Remember to test in older browsers to make sure that your content is legible and readable. Test carefully with your CSS style rules to make sure that they are supported in older browsers.

PTS: 1 REF: 33