

Vendor: Microsoft

Exam Code:70-480

Exam Name:Programming in HTML5 with JavaScript and CSS3

Version: Demo

QUESTION 1

You are creating a class named Consultant that must inherit from the Employee class. The Consultant class must modify the inherited PayEmployee method. The Employee class is defined as follows.

```
function Employee() {}
Employee.prototype.PayEmployee = function (){
alert(\\'Hi there!\\');
}
Future instances of Consultant must be created with the overridden method.
You need to write the code to implement the Consultant class.
Which code segments should you use? (Each correct answer presents part of the solution. Choose two.)
A. Consultant.PayEmployee = function () { alert(\\'Pay Consulant\\'); }
B. Consultant.prototype.PayEmployee = function () { alert(\\'Pay Consultant\\'); }
C. function Consultant () { Employee.call(this); } Consultant.prototype = new Employee();
Consultant.prototype.constructor = Consultant;
D. function Consultant() { Employee.call(this); } Consultant.prototype.constructor = Consultant.create;
```

Correct Answer: BC

Object.prototype.constructor Returns a reference to the Object function that created the instance\\'s prototype. Note that the value of this property is a reference to the function itself, not a string containing the function\\'s name. The value is only read-only for primitive values such as 1, true and "test".

The constructor property is created together with the function as a single property of func.prototype.

References: https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global Objects/Object/constructor\

QUESTION 2

You are modifying a blog site to improve search engine readability.

You need to group relevant page content together to maximize search engine readability.

Which tag should you use?

A.

B.

C.

D.

Correct Answer: B

The tag specifies independent, self-contained content.

An article should make sense on its own and it should be possible to distribute it independently from the rest of the site.

Potential sources for the element:

Forum post Blog post News story Comment

Reference: HTML Tag http://www.w3schools.com/tags/tag_article.asp

http://www.w3schools.com/html/html5_new_elements.asp

QUESTION 3

You have the following markup.

```
<div id="yellow" style="background-color:yellow">My Yellow Content</div>
```

You need to rotate the div programmatically by 45 degrees. Which line of code should you use?

A. document.getElementById("yellow").style.rotate(45);

B. document.getElementById("yellow").style.transform = "rotate(45deg)";

C. document.getElementById("yellow").style.rotate3d("45deg");

D. document.getElementById("yellow").style.rotateX(45);

Correct Answer: B

References: https://www.w3schools.com/jsref/prop_style_transform.asp

QUESTION 4

You are developing an HTML5 web application and are styling text.

You need to use the text-transform CSS property.

Which values are valid for the text-transform property?

- A. hidden
- B. blink
- C. capitalize
- D. line-through

Correct Answer: C

CSS Syntax

text-transform: none capitalize uppercase lowercase initial inherit;
Example
Transform text in different elements:
h1 {text-transform:uppercase;}
h2 {text-transform:capitalize;}
p {text-transform:lowercase;}
Reference: CSS text-transform Property
http://www.w3schools.com/cssref/pr_text_text-transform.asp
QUESTION 5
You display a long text content in a div.
You need to prevent the vertical scrollbar of the browser from being displayed.
Which CSS element should you use?
A. @page
B. @keyframes
C. overflow-x
D. overflow-y
Correct Answer: D
References: https://www.w3schools.com/cssref/css3_pr_overflow-y.asp
QUESTION 6
You are modifying a blog site to improve search engine readability.
You need to group relevant page content together to maximize search engine readability.
Which tag should you use?
A.
B.
C.
D.

Correct Answer: A

How the Changes in HTML 5 Will Affect SEO (Search Engine Optimization)?

As a SEO expert, you are most likely interested mainly in those changes in the HTML 5 specification, which will affect your work. Here is one of them:

A new tag. The new tag is probably the best addition from a SEO point of view. The tag allows to mark separate entries in an online publication, such as a blog or a magazine. It is expected that when articles are marked with the tag, this will make the HTML code cleaner because it will reduce the need to use tags. Also, probably search engines will put more weight on the text inside the tag as compared to the contents on the other parts of the page.

QUESTION 7

You develop an HTML5 webpage with custom CSS. You have the following HTML markup:

...

You have the following requirements:

In addition to your CSS, you must use a corporate branded stylesheet named corporate.css.

The corporate.css file contains the style rule that must be used for .newsItem.

You must use the corporate cssfile to ensure that the webpage changes when the brand changes.

You must add additional style rules to the webpage.

You cannot modify the corporate.css file.

You need to apply the appropriate CSS rules to meet the requirements.

What should you do?

A. Add a CSS class named .newsItemUpdates to the webpage, add only the new styles to this class, and update the class attribute of the HTML markup:

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