

HTML and CSS ITS Exam

Sample Questions

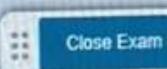
Disclaimer:

The questions provided in this file are excerpts from last year's ITS certification exam and are intended solely for **review purposes**.

These questions are presented to help students become familiar with the types and formats of questions they may encounter.

However, there is no guarantee that any of these questions will appear on this year's exam.

Students should use this file as a **study aid** to gain a general understanding of the exam structure, not as an assurance of specific content in future exams.

Question 1 of 40 Close Exam Session Refresh

You need to code a web page that will display a promotional video. The video is available in both mp4 and webm formats. The mp4 format is given first priority. The media files are stored in the video subfolder. The video should display in 320 x 240 with pause, volume, and closed captioning controls.

Complete the markup by selecting the correct option from each drop-down list.

Note: You will receive partial credit for each correct selection.

0 0 0 0 0

Answer Area

```
<video width="320" height="240" controls>
  <source src="video/AWpromo.mp4" type="video/mp4">
  <source src="video/AWpromo.webm" type="video/webm">
  <track label="English" kind="subtitles" srclang="en" src="video/AWpromo-en.vtt" default>
</video>
```

Your browser does not support the video tag.



The image below shows the search results for The Food Club.

www.thefoodclub.org :

The Food Club

Each meal from The Food Club is perfectly sized and portioned for your family to enjoy at 1 sitting. Our fully-prepared meals are delivered fresh, and ready to eat in 10-15 minutes. Designed and prepared by highly trained and award-winning chefs, The Food Club meals use high-quality and fresh ingredients, delivered to your door.

Evaluate the image and answer the questions by selecting the correct option from each drop-down list

Note: You will receive partial credit for each correct selection

Answer Area

10 11 12 13 14 15

Which `meta` attribute causes a search engine to produce the results shown when the value is set to keyword?

▼

Which `meta` value matches the paragraph of text yielded in the search result?

▼

Which `meta` attribute is paired with name to produce the text shown in the search result?

▼

Question 3 of 40

Close Exam Session Refresh

You need to create a page that displays the text Hello! according to the following requirements

- Red text
- 90% transparency
- 45-pixel font size

What are two possible HTML code segments that will achieve this goal? (Choose 2.)

Note: Each correct answer presents a complete solution.

A

```
<html>
<style>
    p{color: red; opacity: 0.1; font-size: 45px; }
</style>
<body>
    <p style="color: blue">Hello!</p>
</body>
</html>
```

B

```
<html>
<style>
    color: red opacity: 0.1 font-size: 45px
</style>
<body>
    <p>Hello!</p>
</body>
</html>
```

C

```
<html>
<style>
    p{color: red; opacity: 0.1; font-size: 45px; }
</style>
<body>
    <p>Hello!</p>
</body>
</html>
```

D

```
<html>
<body>
    <p style="color: #FF0000; opacity: 0.1; font-size: 45px; ">Hello!</p>
</body>
</html>
```

Move the appropriate CSS position property values from the list on the left to the descriptions on the right. You may use each value once, more than once, or not at all.

Note: You will receive partial credit for each correct answer.

Position Property Values

fixed
static
inherit
relative
absolute

Descriptions

• • • •

Element appears in the order in which it is placed in the document flow.

static

Element is positioned relative to the first positioned ancestor.

absolute

Element is positioned relative to the browser window.

fixed

Element is positioned based on its parent element's position.

inherit

•
•
•
•
•

Question 5 of 40

Close Exam Session

Refresh

You write the following HTML markup to display an image

```

```

Answer the questions by selecting the correct option from each drop-down list

Note: You will receive partial credit for each correct selection.

Answer Area

What text will be displayed as the image loads? ▾

What text will be displayed as a tool tip? ▾

Where must the image file be located? ▾

Question 6 of 40

 Close Exam Session

Refresh

You need to display an image of an HTML5 logo on one of your web pages. If the page renders slowly, the text "HTML5 icon" should display as the image loads. Complete the markup by selecting the correct option from each drop-down list.

Answer Area



```

```

Question 7 of 40

 Close Exam Session  Refresh

Time Remaining 00:37:11

You are creating a home page for CompanyPro. You need to determine which HTML elements will create a simple web page.

Which six HTML segments should you use in sequence? Move the six HTML segments to the answer area and place them in the correct order.

HTML Segments

```
<title>CompanyPro</title>
```

```
<h1>Welcome to CompanyPro</h1>
```

Answer Area

1 <!DOCTYPE html>

2 <html>

3 <head>
 <title>CompanyPro</title>

4 </head>

5 <body>
 <h1>Welcome to CompanyPro</h1>
 <p>Our new store on 1 Main Street is now open.</p>
 </body>

6 </html>



Show Chat



What is the correct syntax to change the font color of a visited link to magenta?

- A.

```
a:visited {  
    color = magenta;  
}
```
- B.

```
a#link {  
    color = magenta;  
}
```
- C.

```
a.link {  
    color: magenta;  
}
```
- D.

```
a:visited {  
    color: magenta;  
}
```

Question 9 of 40

 Close Exam Session

Refresh

You need to create a style for a paragraph so the text is double-spaced with 5px between characters.

Complete the markup by selecting the correct option from each drop-down list.

Note: You will receive partial credit for each correct selection.

Answer Area

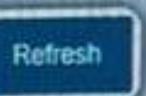


```
<style>
  p {
    line-height: 2em;
    letter-spacing: 5px;
  }
</style>
```

Question 10 of 40



Close Exam Session



Refresh

What is the default value of the CSS position property?

- A. absolute
- B. static
- C. fixed
- D. relative

You are creating a web page that displays a How-To video. When accessing the video, the user must be able to play, pause, and seek. The file name of the video is `HowTo.mp4`, and it exists in the same folder as the web page. If the user's browser does not support HTML5, the page must display this message: Your browser does not support playing this video.

How should you complete the markup? To answer, move the appropriate markup segments from the list on the left to the correct positions on the right. You may use each markup segment once, more than once, or not at all.

Note: You will receive partial credit for each correct markup segment.

Markup Segments`source``<source src="HowTo.mp4" type="video/mp4">``video controls``Your browser does not support playing this video.``source controls``video``<video src="HowTo.mp4" type="video/mp4">`**Answer Area**`< video controls``<source src="HowTo.mp4" type="video/mp4">``Your browser does not support playing this video.``</ video`

You want to complete the pseudo class for link elements so that the links appear red when the page loads, green when the link is clicked, orange when the cursor moves over the link, and blue if the link was clicked previously. How should you complete the markup? To answer, move the appropriate CSS selectors to the correct positions on the right. You may use each CSS selector once, more than once, or not at all.

CSS Selectors

a:active a:visited a:link a:hover

Answer Area

a:link {color: red;}
a:visited {color: blue;}
a:hover {color: orange;}
a:active {color: green;}



You are building a website and want to have three main links called Home, Product Info, and Contact Us. You will create a hierarchy of page elements and revise the stylesheets. You want to apply a style to all elements in a document.

Which type selector should you use?

- A. :
- B. >
- C. +
- D. *

Question 14 of 40

 Close Exam Session Refresh

Time R

You are creating a home page for CompanyPro. The page will use JavaScript. If a browser does not support JavaScript, the following message must be displayed:
Your browser does not support JavaScript!

Move the appropriate head elements from the list on the left to the content or attribute-value pairs on the right. You may use each head element once, more than once, or not at all.
Note: You will receive partial credit for each correct answer.

Head Elements

<script>
 <meta>
 <title>
 <noscript>
 <link>
 <base>

Answer Area

href="style.css"

src="_js/form.js"

CompanyPro

Your browser does not support
JavaScript!

<link>
 <script>
 <title>
 <noscript>

The image represents a web page displayed on the screen of a mobile phone.

You need to add metadata code to ensure the image matches proportionately to the display of the phone.



Isorropia

Aenean mauris odio, blandit id metus quis, interdum elementum nibh. Nullam id est purus. Suspendisse libero nisi, efficitur vitae lorem vitae, facilisis vestibulum leo. Vivamus malesuada accumsan justo, ullamcorper convallis elit dictum ut. Curabitur bibendum accumsan nibh ac sagittis. Proin dignissim sapien et ante ornare aliquam. Nullam nec diam scelerisque, mollis augue vitae, gravida lectus. Ut velit sem, lobortis at efficitur eget, elementum vel neque. Class aptent taciti sociosqu ad litora torquent per conubia nostra, per inceptos himenaeos.

Etiam dui nisi, faucibus at tincidunt quis, dictum in massa. Vestibulum egestas tincidunt varius. Integer consequat sit amet orci nec molestie. Proin eget efficitur augue, et tempus tellus. Pellentesque nec ante quam. Morbi viverra erat dui, eget tincidunt neque malesuada a. Praesent in posuere felis. Phasellus justo velit, aliquet vel fringilla non.

Complete the markup by selecting the correct option from each drop-down list.

Note: You will receive partial credit for each correct selection.

Answer Area

<meta name= "viewport" content="width=device-width, initial-scale=1.0">

Question 16 of 40



Close Exam Session

Refresh

The HTML validator has identified a problem in the segment of code shown below.

```
<!DOCTYPE html >
<body>
<html >
<head>
    <meta charset="utf-8" />
    <title>My Healthy Eats Delivery</title>
    <link href="css/eats.css" rel="stylesheet" />
</head>
<nav id="menu">
    <ul id="submenu" >
        <li><a href="home.html">About Us</a></li>
        <li><a href="mission.html">Mission</a></li>
        <li><a href="history.html">History</a></li>
        <li><a href="executive.html">Executive Teams</a></li>
        <li><a href="contact.html">Contact Us</a></li>
    </ul>
</nav>
<section></section>
</body>
</html>
```

What is the problem with the HTML code segment?

- A. The nav element cannot contain the ul and li elements.
- B. The body element is in the wrong location.
- C. The nav element should be in the <head> section.
- D. The head element is in the wrong location.

Question 17 of 40



Close Exam Session

Refresh

You are designing a website for Sunset Web.

You write the following markup. Line numbers are included for reference only.

```
01 <!DOCTYPE html>
02 <html>
03   <head>
04     <title>Sunset Web</title>
05   </head>
06   <body>
07     <p>Welcome to Sunset Web.</p>
08   </body>
09 </html>
```

Which style will be used to render the code?

- A. An inline style will be used.
- B. An internal style will be used.
- C. An external style will be used.
- D. The browser default style will be used.

Question 18 of 40



Close Exam Session



Refresh

You are building a website and want to have three links called Home, Product Info, and Contact Us. You have assigned all of these elements to a class called `main`. You need to create a selector that applies to all three links.

Which selector should you use?

- A. `a[name="main"]`
- B. `#main`
- C. `a#main`
- D. `.main`

Question 19 of 40

 Close Exam Session

Refresh

Which attribute prefills a default value for an `input` element in HTML5?

- A. `autocomplete`
- B. `name`
- C. `required`
- D. `placeholder`

Question 20 of 40

 Close Exam Session

 Refresh

You define the following styles in a style block

```
<style>
    #style1 {
        color: red;
        font-size: 30px;
    }
    #style2 {
        color: blue;
        font-size: 40px;
    }
    #style3 {
        color: green;
        font-size: 20px;
    }
</style>
```

You write the following HTML. Line numbers are included for reference only.

```
01 <body style="color:purple; font-size: 10px;">
02     <p id="style1">Fasten your seat belt</p>
03     <p>Look both ways before pulling out.</p>
04     <p id="style3" style="color:red;">Watch your speed.</p>
05     <p style="color:green; font-size: 20px;">Be ready to stop.</p>
06     <p style="color:red;">Study the rules of the road.</p>
07     <p style="font-size: 30px;">You'll be driving in no time.</p>
08 </body>
```

Answer the questions by selecting the correct option from each drop-down list.

Note: You will receive partial credit for each correct selection.

• • • •

Answer Area

Line 03 displays text in which color?

Line 04 displays text in which font size?

Line 06 displays text in which color?

Question 21 of 40



For each statement, select **True** or **False**.

Note: You will receive partial credit for each correct selection.

Answer Area

5 4 3 2 1

True False

A relative link requires that you use a protocol and server path.

You can use a relative link to reference image files on a different server.

You can link to a document in a subdirectory of the current webpage by specifying only the subdirectory name and the filename.

The following is an example of how you format an absolute link:
<https://www.companypro.com/products.html>

Question 22 of 40

 Close Exam Session

Refresh

You are designing a web page that is divided into several sections. Each section has a heading and a one-line quote.

The following example shows the top section rendered by using the browser default styles:

Quote from Yesterday

Tomorrow is not promised

Complete the markup by selecting the correct option from each drop-down list.

Note: You will receive partial credit for each correct selection

Answer Area

<div> ▾

 <h1> ▾ Quote from Yesterday </h1> ▾

 <p> ▾ Tomorrow is not promised </p> ▾

</div> ▾

Question 23 of 40

 Close Exam Session

Which code shows the correct way to nest tags in HTML5?

- A. `<p>This is HTML5text formatting</p>`
- B. `<p>This is HTML5text formatting</p>`
- C. `<p>This is HTML5text formatting</p>`
- D. `<p>This is HTML5text formatting</p>`



Question

Exhibit

You are designing a web page that tests a user's ability to remember a list of ordered items in a particular category. The page must contain a heading that displays the category and a list of items in that category. An example is shown in the exhibit. (Select the Exhibit tab.)

Complete the markup by selecting the correct option from each drop-down list.

Note: You will receive partial credit for each correct selection.

Answer Area

```
< h1 ▾ >Fruit</ h1 ▾ >
< ol ▾ >
    <li>Apple</li>
    <li>Pear</li>
    <li>Orange</li>
</ol ▾ >
<br>
< p ▾ >
    This page will test your ability to remember the order of the preceding items.<br>
    Glance at the list for 3 seconds.<br>
    Then close your eyes and recite the items in the order listed.
</p ▾ >
```

For each statement about responsive layouts, select **True** or **False**.

Note: You will receive partial credit for each correct selection.

Answer Area

• • • • •

True	False
<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>

Media queries are used to create breakpoints

Viewport settings are added to the <style> element

Grid layouts are created by setting the width property to pixels

Question 26 of 40

 Close Exam Session

 Refresh

Which code segment correctly sets the background to an image that is sized to fill the entire background?

- A.

```
#div1 {  
    background: url(flower.jpg);  
    background-size: cover;  
}
```
- B.

```
#div1 {  
    background: img(flower.jpg);  
    background-size: 200px;  
}
```
- C.

```
#div1 {  
    background: img(flower.jpg);  
    background-size: contain;  
}
```
- D.

```
#div1 {  
    background: url(flower.jpg);  
    background-size: auto;  
}
```

You are creating an image link to the `clients.html` page. When the visitor clicks on the `clients.gif` graphic, the `clients.html` page must display in a new window. The graphic must provide text for screen readers and display text while the page is loading.

Complete the markup by selecting the correct option from each drop-down list.

Answer Area

```
< a href="clients.html" target="_blank" >
  < img src="clients.gif" alt="Clients image" />
</a>
```

Question 28 of 40



Close Exam Session



Refresh

For each markup segment, select **True** if the HTML element belongs in the head block, or **False** if it does not.

Note: You will receive partial credit for each correct selection

Answer Area

• • • • •

True False

<style> h1 {color:red;} </style>

<title>Contact Information</title>

<link rel="stylesheet" href="default.css" />

<h1>Welcome</h1>

<!DOCTYPE html>

Question 29 of 40



Close Exam Session



Refresh

You are designing a web page for your company. The page must be responsive so that it can be viewed on both mobile and desktop browsers.

- On browsers with a screen width of at least 768 pixels, you need to display a welcome background image named `NormalLogo.png`.
- On all other browsers, you need to display a welcome background image named `SmallLogo.png`.

Complete the markup by selecting the correct option from each drop-down list.

Note: You will receive partial credit for each correct selection.

Answer Area



```
.welcome {  
    background-image: url(" SmallLogo.png ▾ ");  
}  
@media only screen and (min-width: 768px ▾ ) {  
    .welcome {  
        background-image: url(" NormalLogo.png ▾ ");  
    }  
}
```

Question 30 of 40

Close Exam Session

Refresh

The Jazz Club wants you to add an image to the company home page. The image should be 100 pixels wide by 50 pixels high. The home page should display the company name if the image cannot be loaded. Complete the markup by selecting the correct option from each drop-down list.

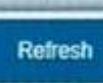
Answer Area

```
<img src = "companyLogo.jpg" alt = "The Jazz Club"  
height = "50" width = "100" />
```

Question 31 of 40



Close Exam Session



Refresh

Analyze the following CSS for a web page:

```
<!DOCTYPE html>
<html>
  <head>
    <style>
      p {
        background-color: blue;
      }
      .light {
        background-color: yellow;
      }
      .light p {
        background-color: green;
      }
    </style>
  </head>
  <body style="background-color:pink">
    <div class="light">
      <p>This is some sample text</p>
    </div>
  </body>
</html>
```

What is the resulting background color of the text "This is some sample text"?

- A. yellow
- B. blue
- C. green
- D. pink

Which CSS code fragment centers an image horizontally?

- A. `img.center { display: block; margin-left: auto; margin-right: auto; }`
- B. `img.center { display: block; }`
- C. `img.center { display: block; text-align: center; }`
- D. `img.center { text-align: center; }`

Question 33 of 40



Close Exam Session



Refresh

You are creating an HTML page for your company.

You need to include a comment that specifies the revision number and date.

How should you complete the markup? To answer, move the appropriate markup segments from the list on the left to the correct positions on the right. You may use each markup segment once, more than once, or not at all.

HTML Segments

<--	<!--	/*	//	--!>	-->	*/
-----	------	----	----	------	-----	----

Answer Area

<!-- Revision 1 on July 24, 2017 -->

Question 34 of 40

 Close Exam Session

Refresh

You need a different image to display for different screen sizes.

Complete the markup by selecting the correct option from each drop-down list

Answer Area

```
<picture> ▾  
  < source ▾ media="(min-width: 1080px)" srcset="family.png">  
  < source ▾ media="(min-width: 768px)" srcset="family.jpg">  
  < img ▾ src ▾ = "family.gif" alt="Family portrait" style="width: auto">  
</picture> ▾
```

You are creating an HTML page that gives instructions for climbing Mt. Everest.

You must create content that a browser renders according to its meaning. A portion of the content is shown as follows:

[Climbing](#) | [Supplies](#) | [Safety](#) | [Tips](#)

Climbing Mt. Everest



HTML Semantic Tags

nav figure table
 figcaption header

Answer Area

0 1 2 3 4 5

```
< nav >
  <a href="Climbing.html">Climbing</a> |
  <a href="Supplies.html">Supplies</a> |
  <a href="Safety.html">Safety</a> |
  <a href="Tips.html">Tips</a>
</ nav >
< header >Climbing Mt. Everest</ header >
< figure >
  
</ figure >
```

Question 36 of 40

Close Exam Session

Refresh

A style is not applied to the document because of a syntax error.

In the answer area, select the line of code to highlight the error.

Answer Area

```
<style>
body {
    font-family:"Lucida Sans", "Lucida Sans Regular", Geneva, Verdana, sans-serif;
    font-size:12pt;
    background:linen;
}
header h1 {
    border:5px inset brown;
    padding:10px;
    border-radius:20px;
    text-align:center;
    font-size:150%;
    text-shadow:1px 1px brown;
}
h2, h3 {
    color:b37a00; ✓
    font-size:1.75em;
}
div>p {
    text-align:left;
    font-size:2vw;
}
</style>
```

Question 37 of 40

Close Exam Session

Refresh

Time Remaining

You need to create the following web page:

Home About Us Contact Us

Our Mission

Healthy Eats -- your #1 source of specialty food items and beverages.



Healthy Eats Logo

Fresh Tastes on Your Table

Our Guarantee

Healthy Eats offers organically grown produce 24 hours a day, 7 days a week, 365 days a year.

Markup Segments

```
<summary>
<figure>
  
</figure>
<figcaption>Healthy Eats Logo</figcaption>
```

```
<h2>
  Fresh Tastes on Your Table
</h2>
```

```
</summary>
```

```
<footer>
  <h1>Our Guarantee</h1>
  <p>
```

7 days a week, 365 days a year.

Answer Area

```
1 <nav>
  <a href="#">Home</a>
  <a href="#">About Us</a>
  <a href="#">Contact Us</a>
</nav>
```

```
2 <article>
  <h1>Our Mission</h1>
  <p>
    Healthy Eats -- your #1 source of specialty food items and beverages.
  </p>
</article>
```

```
<article>
  <figure>
    
  <figure>
    
  </figure>
  <figcaption>Healthy Eats Logo</figcaption>

  <h2>
    Fresh Tastes on Your Table
  </h2>
</summary>
```

```
<footer>
  <h1>Our Guarantee</h1>
  <p>
    Healthy Eats offers organically grown produce 24 hours a day,
    7 days a week, 365 days a year.
  </p>
```

Answer Area

```
1 <nav>
  <a href="#">Home</a>
  <a href="#">About Us</a>
  <a href="#">Contact Us</a>
</nav>

2 <article>
  <h1>Our Mission</h1>
  <p>
    Healthy Eats -- your #1 source of specialty food items and beverages.
  </p>
</article>

<article>
  <figure>
    
<figure>
  
</figure>
```

```
<figcaption>Healthy Eats Logo</figcaption>
```

```
<h2>
  Fresh Tastes on Your Table
</h2>
```

```
</summary>
```

```
<footer>
  <h1>Our Guarantee</h1>
  <p>
```

```
    Healthy Eats offers organically grown produce 24 hours a day,
    7 days a week, 365 days a year.
  </p>
```



4



Answer Area

```
  Fresh Tastes on Your Table
  </h2>
</article>
```

```
<article>
  <h1>Our Guarantee</h1>
  <p>
    Healthy Eats offers organically grown produce 24 hours a day,
    7 days a week, 365 days a year.
  </p>
</article>
```

5

```
<footer>
  <hr>
  Copyright (c) 2021, Healthy Eats
</footer>
```

Question 38 of 40

 Close Exam Session

 Refresh

You need to apply a thick, double red border with 20px rounded corners to heading 1 text

Complete the CSS style by selecting the correct option from each drop-down list.

Note: You will receive partial credit for each correct selection.

Answer Area



```
<style>
  h1 {
    border: thick double red;
    border-radius: 20px;
  }
</style>
```

Question 39 of 40



Close Exam Session

Refresh

Which HTML5 code fragment shows a way to validate numeric input as having a value from 1 to 100, inclusive?

- A. `<input type="number" low="1" high="100">`
- B. `<input type="positive" limit="100">`
- C. `<input type="number" min="1" max="100">`
- D. `<input type="num" min="1" max="100">`

You are creating a website for The Photo Club. The website will have The Photo Club appear on the browser tab. There will also be a paragraph that greets users to the site.

You need to create the structure of the website.

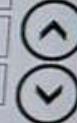
Move all the markup segments to the answer area and place them in the correct order.

Markup Segments

0 0 0 0 0

Answer Area

- 1 <!DOCTYPE html>
- 2 <html>
- 3 <head>
- 4 <title>The Photo Club</title>
- 5 </head>
- 6 <body>
 <p>Welcome to The Photo Club website.</p>
- 7 </body>
- 8 </html>

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