

HTML, CSS, Responsive Web Design - Sample Assessment

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LEVEL: MEDIUM

1. What are the two means by which form data can be submitted to the server in an HTTP request? a) As query string parameters b) As part of the request body c) As part of the request headers d) As part of cookies

LEVEL: MEDIUM

2. We would like to check in JavaScript if canvas is supported or not and take appropriate action. Fill in the blank with an appropriate condition. Assume the page includes Modernizr.

```
if( _____ ) {  
    ...  
} else {  
    ...  
}
```

LEVEL: MEDIUM

3. Provide a CSS definition for the clearfix class.

LEVEL: MEDIUM

4. Which of these is NOT a valid font file format? a) ttf b) eot c) ogg d) woff

LEVEL: DIFFICULT

5. You are setting up a background image of size 300px x 200px, and would like to move it to the left by 150px and up by 100px. What value for background position would you give? a) 150px 100px b) 150px -100px c) -150px 100px d) -150px -100px

LEVEL: DIFFICULT

6. You would like to provide different styles for each state of links. Which of these CSS rules applied in order would help then style correctly? a) a { ... }, a:visited { ... }, a:hover { ... }, a:active { ... } b) a:visited { ... }, a:active { ... }, a:hover { ... }, a { ... } c) a { ... }, a:visited { ... }, a:active { ... }, a:hover { ... } d) a:visited { ... }, a:hover { ... }, a:active { ... }, a { ... }

LEVEL: DIFFICULT

7. You would like to start off every web page you author with a default set of styles for common elements, such that useful styles are preserved (example, list-style-type for list items). There are no special requirements otherwise. What would be your preferred approach? (choose the most appropriate one) a) Use a reset stylesheet b) Use a normalize stylesheet c) Author and use a custom stylesheet d) Provide inline styles for elements where browser styles need to be overridden.

LEVEL: DIFFICULT

8. Given the following styles, what is the color of the content within the para?

```
<head>  
  <style>  
    p { color: green; }  
    p { color: goldenrod; }  
  </style>  
  <style>  
    p { color: orange; }  
  </style>  
</head>  
<body>
```

```
<p style="color: initial;">Some text</p>
</body>
```

a) green b) goldenrod c) orange d) black

LEVEL: DIFFICULT

9. Given the following styles, what is the color of the paragraph (with class main, and id page) that lies within a div?

```
<style>
  div > p.main {
    color: red;
  }

  p.main#page {
    color: green;
  }

  div > p#page {
    color: blue;
  }
</style>
```

a) red b) green c) blue d) black

LEVEL: DIFFICULT

10. Given the following styles for a div that exists within the body, what is the width of the div when the body is 1280px wide?

```
div {
  width: 80%;
  max-width: 960px;
  min-width: 640px;
}
```

a) 640px b) 960px c) 1024px d) 1280px

LEVEL: DIFFICULT

11. We would like to have a 3-column layout with the 3 columns together occupying the entire width of the parent row. Fill in the blanks to achieve this result.

```
<head>
  <style>
    .row { overflow: _____; }
    .col { float: left; width: 30%; margin-right: ____; }
    .col:nth-child(3n) { margin-right: ____; }
  </style>
</head>
<body>
  <div class="row">
    <div class="col">...</div>
    <div class="col">...</div>
    <div class="col">...</div>
  </div>
</body>
```

a) visible, 3.333333%, 0 b) visible, 5%, 0 c) auto, 3.333333%, 5% d) auto, 5%, 0