⏱ **40 minutes**
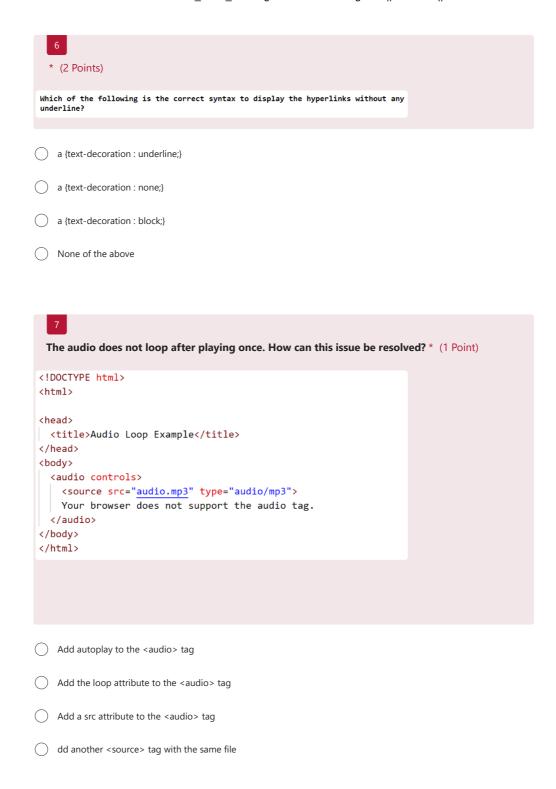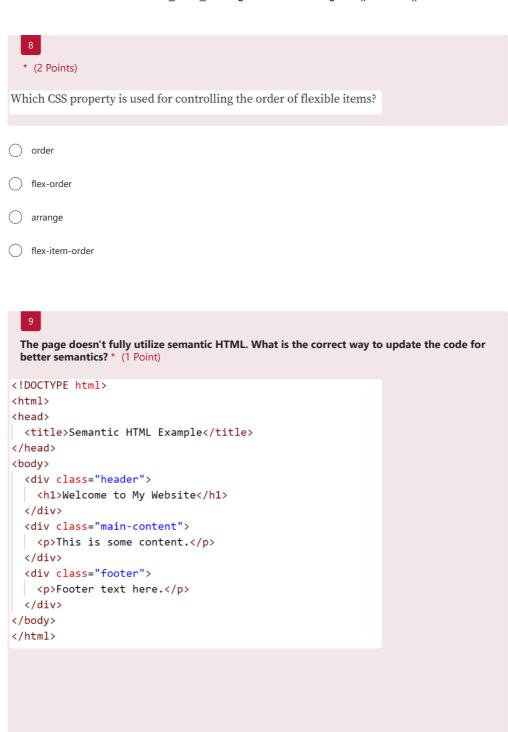
FSD_Set 2_Training Pre-BenchMarking Test || 3rd Year || Batch: 2022-26

Total Marks: 30

Attempt all sections:

Section 1: HTML5 : 5 Questions (1 marks for each question)
Section 2: CSS : 5 questions (2 marks for each question)
Section 3: Java Script: 5 questions (3 marks for each question)

INSTRUCTIONS:

-**Duration:** 40 Mints
-**Negative Marking:** No
-**Fill your complete details properly.**

* Required

* This form will record your name, please fill your name.

<div>[   ]</div>

1

Name *

[   ]

2

Roll. No *

[   ]

3

Branch *

◯ CSE

◯ CS

◯ IT

◯ CSE-DS

◯ CSE-AIML

◯ CE

◯ ELCE

4

Section *

◯ A

◯ B

◯ C

5

From the given options which is/are the valid way to represent a color? * (2 Points)

◯ valid color name like "blue"

◯ HEX code like "#0000ff"

◯ RGB Value like "rgb(0,0,255)

◯ All of the above

6

* (2 Points)

Which of the following is the correct syntax to display the hyperlinks without any underline?

○ a {text-decoration : underline;}

○ a {text-decoration : none;}

○ a {text-decoration : block;}

○ None of the above

7

The audio does not loop after playing once. How can this issue be resolved? * (1 Point)

```html
<!DOCTYPE html>
<html>

<head>
  <title>Audio Loop Example</title>
</head>
<body>
  <audio controls>
    <source src="audio.mp3" type="audio/mp3">
    Your browser does not support the audio tag.
  </audio>
</body>
</html>
```

○ Add autoplay to the <audio> tag

○ Add the loop attribute to the <audio> tag

○ Add a src attribute to the <audio> tag

○ dd another <source> tag with the same file

8

* (2 Points)

Which CSS property is used for controlling the order of flexible items?

○ order

○ flex-order

○ arrange

○ flex-item-order

9

The page doesn't fully utilize semantic HTML. What is the correct way to update the code for better semantics? * (1 Point)

```
<!DOCTYPE html>
<html>
<head>
  <title>Semantic HTML Example</title>
</head>
<body>
  <div class="header">
    <h1>Welcome to My Website</h1>
  </div>
  <div class="main-content">
    <p>This is some content.</p>
  </div>
  <div class="footer">
    <p>Footer text here.</p>
  </div>
</body>
</html>
```

○ Use <header>, <main>, and <footer> instead of div tags

○ Wrap the <p> inside a <section>

○ Add an article element around the content

○ Keep the current structure but add classes to each div

10

What is the problem with this, correct the code to get output 30 and 12 * (3 Points)

```
const a=12;
 if(a>10){
     a=30;
     console.log(a);

}
 console.log(a);
```

11

* (3 Points)

```
const promise1 = Promise.resolve(3);
const promise2 = new Promise((resolve, reject) => setTimeout(resolve, 100, 'foo'));

Promise.all([promise1, promise2]).then((values) => {
 console.log(values);
});
```

12

What would be the output?? * (3 Points)

```
new Promise((resolve, reject) => {
    setTimeout(() => resolve('Success'), 1000);
 }).then(result => {
    console.log(result);
    throw new Error('Something went wrong');
 }).catch(error => {
    console.log(error.message);
 });
```

13

The iframe content loads too slowly, affecting page performance. How can this issue be addressed? * (1 Point)

```
<!DOCTYPE html>
<html>
<head>
  <title>Iframe Example</title>
</head>
<body>
  <iframe src="https://example.com" width="500" height="400"></iframe>
</body>
</html>
```

○ Add the loading="lazy" attribute to the <iframe>

○ Use async on the iframe

○ Reduce the height and width of the iframe

○ Add a defer attribute to the iframe

14

* (2 Points)

Add 25 pixels space between the <div> element's border and its content.

```
<style>
div {
    width: 200px;
    border: 2px solid red;
    [        ]: 25px;
}
</style>

<body>

<div>
Lorem ipsum dolor sit amet,
consectetur adipiscing elit,
sed do eiusmod tempor incididunt
ut labore et dolore magna aliqua.
</div>

</body>
```

○ padding

○ layout

○ margin

○ box-content

15

* (2 Points)

. In the below code snippet, in what order will the margins be added?

```
p{
  margin: 25px 50px 75px 100px;
}
```

○ top right bottom left

○ top right left bottom

○ top left right bottom

○ right left bottom top

16

The email input does not enforce validation properly in some browsers. What needs to be corrected? * (1 Point)

```
<!DOCTYPE html>
<html>

<head>
  <title>Form Example</title>
</head>
<body>
  <form action="/submit" method="post">
    <input type="email" placeholder="Enter your email" required>
    <input type="submit" value="Submit">
  </form>
</body>
</html>
```

○ Add the novalidate attribute to the form

○ Change the type="email" to type="text"

○ Add the name attribute to the <input> field

○ Add the pattern attribute to the input field

17

The audio file does not play automatically on some browsers. How can you logically fix this issue? * (1 Point)

```html
<!DOCTYPE html>
<html>
<head>
  <title>Audio Example</title>
</head>
<body>
  <audio controls autoplay>
    <source src="song.mp3" type="audio/mp3">
    <source src="song.ogg" type="audio/ogg">
    Your browser does not support the audio tag.
  </audio>
</body>
</html>
```

◯ Remove the controls attribute

◯ Remove the second <source> tag

◯ Change the file extension to .wav

◯ Add the muted attribute to the <audio> tag

18

What will be the output: * (3 Points)

```javascript
function hi(str) {
    const cleanedStr = str.replace(/[^a-zA-Z0-9]/g, '').toLowerCase();
    return cleanedStr === cleanedStr.split('').reverse().join('');
}

console.log(hi('A man a plan a canal Panama'));
```

19

What will be the output : * (3 Points)

```
function sumArray(arr) {
    return arr.reduce((acc, curr) => acc + curr, 0);
}


console.log(sumArray([1, 2, 3, 4]));
```

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