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/ [HTML & CSS](#) / [HTML+CSS Exam](#)

Started on Tuesday, 19 November 2024, 9:16 AM

State Finished

Completed on Tuesday, 19 November 2024, 11:15 AM

Time taken 1 hour 58 mins

Grade **86.00** out of 100.00

Question **1**

Correct

Mark 6.00 out of 6.00

Which of the following defines 1% of the viewport height?

- ☐ 1. 1%;
- ☒ 2. 1vh
- ☐ 3. 0.1vp
- ☐ 4. 1vw



Your answer is correct.

The correct answer is:

1vh

Question **2**

Correct

Mark 6.00 out of 6.00

Which of the following is the correct syntax to select all the paragraph elements in a div element

- ☐ 1. p
- ☐ 2. div - p
- ☒ 3. div p
- ☐ 4. div#p



Your answer is correct.

The correct answer is:

div p

Question **3**

Correct

Mark 6.00 out of 6.00

What is the correct way to select an element with the id "title"?

- ☐ 1. id
- ☐ 2. .title
- ☒ 3. #title
- ☐ 4. title



Your answer is correct.

The correct answer is:

#title

Question **4**

Correct

Mark 6.00 out of 6.00

What does the 'position' property in CSS control?

- ☐ 1. The visibility of an element
- ☒ 2. The layout of an element on the web page
- ☐ 3. The color of an element's border
- ☐ 4. The font size of an element



Your answer is correct.

The correct answer is:

The layout of an element on the web page

Question **5**

Correct

Mark 6.00 out of 6.00

Which of the following values is the default value for the 'position' property?

- ☐ 1. absolute
- ☒ 2. static
- ☐ 3. fixed
- ☐ 4. relative



Your answer is correct.

The correct answer is:

static

Question 6

Incorrect

Mark 0.00 out of 6.00

Which of the following selectors has the highest specificity?

- ☐ 1. #header .menu
- ☒ 2. .class1.class2
- ☐ 3. div p > a
- ☐ 4. div.content p.first



Your answer is incorrect.

The correct answer is:

#header .menu

Question **7**

Complete

Mark 8.00 out of 10.00

Create the following design - make sure it is responsive - the colors or sizes are not important
Hint: use positions - or specifically position: relative; for the inner circle.

Good luck!

```
body {
margin: 0;
padding: 0;
box-sizing: border-box;
}

.cont {
display: flex;
}

.box {
flex:50%;
display: flex;
flex-direction: row-reverse;
width: 500px;
height: 500px;
background-color: gray;
}

.box .circle {
height: 10%;
width: 10%;

background-color: purple;
border-radius: 100%;
}

<body>
<div class="cont">
<div class="box">
<div class="circle">

</div>
</div>
</div>
</body>
```

Comment:

The design looks great!

But notice that when changing the viewport width, the dimensions do not stay the same.

Question **8**

Complete

Mark 4.00 out of 10.00

Create the following design, there is no importance to the exact fonts and colors

```
<body>
<div class="cont">
<form class="form">
<input type="email" name="email" id="email">
<br>
<input type="submit" id="submit" value="continue">
</form>
</div>
</body>
```

```
* {
/* border: 2px solid red; */
}
```

```
body {
margin: 0;
padding: 0;
box-sizing: border-box;
}
```

```
.cont {
display: flex;
flex-direction: column;
justify-content: center;
align-items: center;
}
```

```
.form {
display: flex;
flex-direction: column;
justify-content: center;
align-items: center;
}
```

```
#email {
```

```
border-radius: 10%;
}
```

```
#email:hover {
cursor: pointer;
```

```
}

#email:active {
border: 2px solid black;
}

#submit {
transition: 3s ease-in;
color: white;
}

#submit:hover {
cursor: pointer;
background-color: black;
}
```

Comment:

Nice use of transitions, it is still not the transition as in the video but nice try!

Question 9

Complete

Mark 10.00 out of 10.00

Write a CSS rule to create a grid layout with 5 equal columns that span on the whole page with a gap of 10px between them.

Make sure the columns are responsive.

```
*{
border: 2px solid red;
}

body {
margin: 0;
padding: 0;
box-sizing: border-box;
}

.cont {

display: grid;
grid-template-columns: 1fr 1fr 1fr;
gap: 10px;
}

.item {
background-color: gray;
}
```

Comment:

Question **10**

Complete

Mark 10.00 out of 10.00

Create the following design, the colors, fonts and icons are not important.

```
*{
border: 2px solid red;
}

body {
margin: 0;
padding: 0;
box-sizing: border-box;
}

.main_cont {
display: flex;
justify-content: center;
align-items: center;
top: 0px;
}

}

.nav_cont {
display: flex;
justify-content: space-around;
margin: 20px;
padding: 20px;
width: 40vh;
background-color: black;
border-radius: 20%;
transition: 0.3s ease-in;
}

.item {
width: 2em;
height: 2em;
filter: invert(12%) sepia(30%) saturate(541%) hue-rotate(181deg) brightness(95%) contrast(95%);
}

.item:hover {
cursor: pointer;
filter: invert(12%) sepia(30%) saturate(541%) hue-rotate(181deg) brightness(95%) contrast(0%);
}

.item:active {
cursor: pointer;
transform: scale(2);
filter: invert(12%) sepia(30%) saturate(541%) hue-rotate(181deg) brightness(95%) contrast(0%);
}
```



```
<body>

<div class="main_cont">
<nav class="nav_cont">




</nav>
</div>

</body>
```

Comment:

Question **11**

Complete

Mark 12.00 out of 12.00

Create the following design - the colors are not important

```
body {  
margin: 0;  
padding: 0;  
box-sizing: border-box;  
}  
  
.cont {  
display: flex;  
justify-content: center;  
align-items: center;  
}  
  
.outer {  
display: flex;  
justify-content: center;  
align-items: center;  
width: 500px;  
height: 500px;  
background-color: gray;  
border-radius: 100%;  
}  
  
.outer .inner {  
height: 80%;  
width: 80%;  
background-color: white;  
border-radius: 100%;  
transition: 2s ease-in;  
}  
  
.outer .inner:hover{  
  
cursor: pointer;  
transform: scale(0.8);  
}  
  
<body>  
<div class="cont">  
<div class="outer">  
<div class="inner">  
  
</div>  
</div>  
</div>  
</body>
```

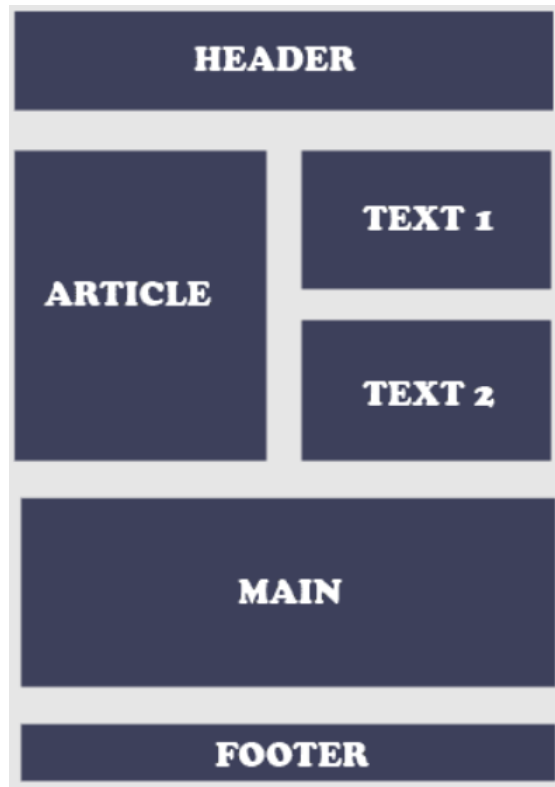
Comment:

Question **12**

Complete

Mark 12.00 out of 12.00

Create the following layout using Grid - the colors are not important, just the layout.



```
<body>
```

```
<div class="grid_cont">
  <div class="grid_item1">
    <h1> lorem </h1>
    <p> lorem </p>
  </div>
  <div class="grid_item2">
    <h1> lorem </h1>
    <p> lorem </p>
  </div>
  <div class="grid_item3">
    <h1> lorem </h1>
    <p> lorem </p>
  </div>
  <div class="grid_item4">
    <h1> lorem </h1>
    <p> lorem </p>
  </div>
  <div class="grid_item5">
    <h1> lorem </h1>
    <p> lorem </p>
  </div>
  <div class="grid_item6">
    <h1> lorem </h1>
    <p> lorem </p>
  </div>
  <div class="grid_item7">
    <h1> lorem </h1>
    <p> lorem </p>
  </div>
```

```
<div class="grid_item8">
<h1> lorem </h1>
<p> lorem </p>
</div>
<div class="grid_item9">
<h1> lorem </h1>
<p> lorem </p>
</div>
</div>

</body>

/* zeroeing the CSS */
* {
margin: 0;
padding: 0;
box-sizing: border-box;
}

h1 {

font-size: 3em;
}

p {

font-size: 2em;
}

/* make the grid a centered item by itself
by making the body flex- notcommon to do. sgould add another DIV*/
body {
display: flex;
flex-direction: column;
justify-content: center;
align-items: center;
background-color: green;
}

.grid_cont {
display: grid;
width: 80vw;
height: 100vh;
grid-template-areas:
"area1 area2 area3 area4"
"area5 area6 area6 area7"
"area5 area6 area6 area7"
"area5 area8 area9 area7"
"area5 area8 area9 area7"
;
}

div {
border: 1px solid rgb(255, 0, 0);
}

.grid_item1 {
grid-area: area1;
background-color: #faeee2;
}

div{

& h1 {
color: white;
}

& p {
```

```
color: white;
}

}

.grid_item2 {
grid-area: area2;
background-color: #7651dc;
display: flex;
align-items: center;
flex-direction: column;
justify-content: space-evenly;

}

.grid_item3 {
grid-area: area3;

background-color: #dcd1fc;
}

.grid_item4 {
grid-area: area4;

background-color: #ffcc69;
}

.grid_item5 {
grid-area: area5;

background-color: #ffffff;
}

.grid_item6 {
grid-area: area6;

background-color: #ffcc69;
}

.grid_item7 {

grid-area: area7;

background-color: #ffffff;
}

.grid_item8 {
grid-area: area8;

background-color: #7651dc;
}

.grid_item9 {
grid-area: area9;

background-color: #7651dc;
}
```

Comment:

◀ HTML Exam

Jump to...

HTML+CSS Exam Second try ►