

Defining Styles using CSS

Que 1: Among the following style rules, identify the type of selectors used in each case.

a) `P { color :yellow;}`

b) `#style{color: yellow;}`

c) `.style{color: yellow;}`

d) `*{color: yellow;}`

Marks :(2)

Ans: a) Type selector

b) ID selector

c) Class selector

d) Universal selector

Que 2: Following is a portion of the web page that uses CSS. Complete the blank space.

Marks :(1)

`<STYLE type=.....>`

`BODY {font-family: 'Tahoma';}`

`</STYLE>`

Ans: 'text/css'

Que 3: Following is a style rule for the `<BODY>` to change the margin to 50 pixels. Complete the blank space.

`BODY {.....}`

Marks :(1)

Ans: margin : 50px;

Que 4: Following is a style rule in CSS.

`BODY {background-color : yellow;}`

Identify the Declaration Block, Selector, Property and Value in the above style rule.

Marks :(2)

Ans: BODY - selector

`BODY {background-color : yellow;}` -Declaration block

background-color - property

yellow - value

Que 5: Consider the style rule given below.

`.Mystyle {`

```
text-decoration : linethrough;
fontfamily : "Arial";
font-size:18;
}
```

a) Correct the errors in the above style rule.

b) Modify this style rule to make the text bold, italics, and to reduce the font size to 14 pixels. **Marks :(3)**

Ans: a)

```
.Mystyle{
    text-decoration : line-through;
    font-family : "Arial";
    font-size : 18px;
}
```

b)

```
.Mystyle {
    font-weight : bold;
    font-style : italic;
    font-size :14px;
}
```

Que 6: Explain the different methods to include CSS in a web page? Marks :(5)

Ans: 1. Internal style sheet

2. External style sheet

3. Inline Style

Que 7: What do you mean by grouping of selectors? Explain with example.

Marks :(3)

Ans: We can define a style rule for more than one element in a web page. For this, we can group those elements as:

```
P,H1 {
    background-color:yellow;
    font-color:black;
}
```

In the above code, the style rule is applicable to the two elements <P> and <H1>

Que 8: The property used to underline a text is ----- Marks :(1)

Ans: text-decoration

Que 9: The property used to set the line height is----- Marks :(1)

Ans: Line-height

Que 10: List the font properties available in CSS. Marks :(2)

Ans: font-family

font-style

font-weight

font-size

Que 11: Explain the different types of selectors. Marks :(5)

Ans: 1. Universal Selector

2. Type Selector

3. Class selector

4. ID selector

Que 12: What is the difference between class selector and ID selector? Marks :(3)

Ans: CLASS SELECTOR

Using class selector, we can apply a style rule to the desired element in the web page. When we use a class selector, we write the class name preceded by a dot as shown below.

```
<STYLE Type="text/css">
```

```
.mystyle {
```

```
    font-family:"Courier-New";
```

```
    margin:10px;
```

```
}
```

```
</STYLE>
```

ID SELECTOR

These selectors are used to apply style rule only to a single element in the web page. The ID name should be preceded by a # symbol.

eg:

```
<STYLE Type="text/css">
```

```
#mystyle {  
    font-family: "Courier New";  
    margin:10px;  
}
```

Que 13: Briefly explain the use of <STYLE> tag with an example. Marks :(3)

Ans: A style rule can be embedded in an HTML page using <STYLE> tag.

eg:

```
<STYLE Type="text/css">
```

```
P {  
    margin: 40px;  
}
```

Que 14: Identify the parts of the following style rule:

P {margin : 40px;} Marks :(2)

Ans: P --> Selector

margin:40px -->declaration block

margin -->property

40px --> value

Que 15: What are the advantages of using CSS? Marks :(3)

Ans: Easy to change layout, reduce the size of a web page, Reduction in bandwidth, Consistency in web pages, viewing options, Save time