

200E0003 - Web Technologies

Mid-Term I Important Questions

Module 1 –

HTML Questions:

1. Define HTML5 with the proper explanation of its structures.
2. Explain the scenario of http request-response.
3. Differentiate between HTML and HTML5.
4. Explain the following tags:
 - i. anchor
 - ii. p
 - iii. br
 - iv. Ins
 - v. sub
 - vi. image
 - vii. background image
 - viii. ol
 - ix. ul
 - x. Hyperlink
5. Write the syntax for the following:
 - i. text field
 - ii. radio button
 - iii. check box
 - iv. submit button.

CSS questions:

1. Write the equivalent HTML code to implement webpage which contain six short paragraphs of text that describe various aspects of the state in which you live. The first and fourth paragraphs must use class 'p1', the second and fifth paragraphs must use class 'p2', and the third and sixth paragraphs must use class 'p3'. Apply the following CSS styling for the classes p1, p2 and p3 respectively.
 - The p1 class must use margin of 0.1 inch, padding of 0.5 inch, background color of pink, and border style of dotted.
 - The p2 class must use margins o 0.5 inch, padding of 0.1 inch, background color of green.
 - The p3 class must use margin of 0.3 inch, a background color of yellow.
2. What is selector in CSS? Explain id selector and universal selector with an example.
3. Illustrate the CSS box model. How each component of box can be accessed?
4. Given the following HTML code,

```
<body>
  <div>
    <p> I am also feeling blue</p>
  </div>
  <p> I just want to be left
alone!</p>
```

Apply the following CSS rules to the first paragraph only.

- i. The background of the paragraph should be in green color.
- ii. The text of the first paragraph <p> should be in blue color.

- iii. Apply all the various font properties to the first paragraph
<p> only.
5. Display the image on the right side of the screen from the source 'add_image_url', apply appropriate height and width attributes to the image.
 6. List all the link pseudo selectors in CSS in the order for correct functioning.
 7. Build the following unordered nested list using HTML 5.0, apply the following external level CSS styling for the desired output.
 - Fruit
 - Banana
 - Apple
 - Green
 - Red
 - Pears
 - Vegetables
 - Meat
 8. What are class selectors in CSS?
Suppose that it is required to display the text content of p tags in two different styles depending on the context.
 - i. Style 1 - Text should be displayed in blue color, right aligned, underlined, with font style of italics.
 - ii. Style 2 - Text should be displayed with a background color of yellow, having a dashed border having size 3px, blue color border, and with a padding of 1.5cm write the equivalent CSS style rules.

Module 2 –

JavaScript questions:

1. Explain with examples the various JavaScript string methods.
2. Write a code in JavaScript that gets and displays date information like 'day', 'year', 'month', using 'Date' object of JavaScript.
3. What are screen outputs and keyboard inputs? Give examples.
4. Explain with examples the various JavaScript array methods.
5. Explain with examples the various JavaScript date methods.
6. Explain with examples the various JavaScript control statements.
7. Develop a JavaScript program to check if a given identifier is valid or not using regular expression. Proper message should be displayed using alert message. Give the input from the user using text box.
8. Write a JavaScript program to display the numbers present in an array in descending order using sort method.
9. List the methods available in number object in JavaScript. How can you find the maximum value possible in the computer?
10. Describe how strings are immutable.