



## CLASS - VII COMPUTER SCIENCE NOTES AUGUST

### CHAPTER - 4 Introduction to HTML5 and CSS

#### A. Tick the correct option.

- Which of the following is the correct structure of HTML tags?  
(b) `<HTML><HEAD><BODY></BODY></HEAD></HTML>`
- Which of the following is a full form of CSS?  
(a) Cascading style sheets.
- Which of the following is not a type of style sheet?  
(c) Inside
- \_\_\_\_\_ is used to set the font of a text.  
(c) Font style
- Which of the following is used to specify the position of an image on the web page?  
(c) Background-position

#### B. Fill in the blanks:-

- W3C (World Wide Web Consortium) is an organization which sets international standards for the World Wide Web.
- The Text-indent property is used to set the indentation of the first line of text.
- HTML documents can be viewed on any type of web browser.
- A CSS rule is made up of three parts, a selector, property and value.
- CSS files are saved with a .css extension.

#### C. Write 'T' for true and 'F' for false for the following statements.

- CSS is used to create web pages.
- You can create HTML documents with Notepad, WordPad, or any other text editor.
- It is easy to format large websites using CSS.
- CSS selectors are used to manipulate the HTML elements in a web page.
- In the internal style sheet, style is defined in the head section of a web page.

#### D. Short answer questions.

##### 1. What are HTML tags?

**Answer:** HTML tags are elements that are used to specify the structure of an HTML document.

HTML tags begin with the less than (<) character and end greater than (>).

In HTML, most tags have an opening and a closing tag.

## **2. What is the full form of CSS?**

CSS stands for cascading style sheet. It is used to style HTML pages.

## **3. What is the need for CSS?**

**Answer:** Using CSS, you can control the color of the text, the style of fonts, the spacing between paragraphs, how columns are sized and laid out and more.

## **4. Write any two CSS text properties?**

**Answer:**

### **1. Colour**

It is used to specify colour of the text on the web page.

### **2. Text-align**

It is used to specify the horizontal alignment of the text.

## **5. Write the type of CSS?**

**Answer:** Types of CSS are

1. Inline style sheet
2. Internal style sheet
3. External style sheet

## **E. Long answer questions.**

### **1. Write the steps for creating a simple HTML document?**

**Answer:** The steps to create a HTML document are:

Step1: Click on Start → Windows Accessories → Notepad.

Step2: Click on the File → New option

Step3: Type the text in the HTML document.

Step4: Click on the File → Save As option.

Step5: Type the file name with the extension .html or .htm .

Step6: Click on the Save button.

### **2. How can we display an HTML document in a web browser?**

**Answer:**

1. Open Microsoft Edge by clicking in its icon on the desktop or the taskbar.
2. Press the Ctrl+O keys.
4. Browse to the location of saved HTML document which you want to open.
5. Click on the Open button.
6. Microsoft Edge will display the web page you had created using the notepad program.

### **3. What is CSS? Explain its features.**

**Answer:**

- CSS is used to style HTML pages.
- It helps in the formatting of web pages, such as colors, layout, background, borders, fonts and so on.

#### **Features of CSS**

- The separation of CSS from HTML makes it easier to maintain sites, share the same style sheet between various web pages and customize web pages to different environments.
- CSS provides control of all the styles that can be applied to a web pages. The specific element of the webpage can be changed using CSS.
- All modern support CSS.

### **4. Explain in the types of CSS.**

**Answer:**

**Types of CSS are**

- Inline style sheet
- Internal style sheet
- External style sheet

#### **1. Inline style sheet :**

The inline style sheet is used to apply the style to a single HTML element using the style attribute. The style attribute can be used with any HTML tag.

#### **2. Internal style sheet:**

When the style sheet is defined in the HEAD Section of the HTML page inside the <STYLE> tag, it is called an internal style sheet.

#### **3. External style sheet**

An external CSS file is created using a text editor containing the CSS code and saved with the file extension '.CSS'.

### **5. Explain various background properties .**

**Answer:**

The various background properties are

- **Background colour:**

It is used to specify the background colour of an element.

- **Background image:**

It is used to specify the image to be used as the backdrop of a web page or a table.

- **Background repeat:**

It is used to specify how to repeat an image, only horizontally or vertically.

- **Background position:**

It is used to specify the position of the background image on the screen.

## 6. Explain CSS selectors with examples.

### Answer:

CSS selectors are of three types, namely, the element selector, the id selector and the class selector.

#### Element Selector:

The element selector selects elements based on their names.

Example:

```
p {  
  text-align: center;  
  color: red;  
}
```

#### Id Selector:

The id selector uses id attribute of an HTML tag to apply the style.

Example:

```
#firstname {  
  background-color: yellow;  
}
```

#### Class Selector:

The class selector selects HTML elements by their class names and it preceded by a dot (.)

```
.intro {  
  background-color: yellow;  
}
```