a. What is HTML? Give basic structure of the HTML page.

HTML is Hyper Text Markup Language. It is markup language for web pages. Using html we can define the

structure of webpages.

<html>

<head>

<title> </title>

</head>

<body>

</body>

</html>

b. Difference between inline and block level element.

Block level occupy full width irrespective of their size and every block level element will start from new line.

Inline element will occupy only required width and allow other inline element in the same line.

CSS

a.Explain the different ways in which CSS can be applied to HTML, what is the preferred way and why.

We can apply CSS to HTML in three ways.

1.Inline CSS

We use this we want to apply rules to any specific element and when we want to apply only one rule to that element.

2.Internal CSS

In this we define CSS in head section of HTML. we use this method when we want to apply less CSS or when we want to apply

these CSS to only that page. As we cann't reuse this CSS.

3. External CSS

In this method we create separate file for css and link this file to HTML using link tag in head of HTML file. We use this

method when size of css property is very large or we can use same css property to different pages.

b. What are different CSS selectors, with example explain Element, Class and Id selectors.

element selector(p): we can directly select element apply css on that.

id selector(#id) : Id selector used id attribute of an html element to select a specific element

class selector(.) : class selector selects html elements with a specific class attribute.

group selector(p,h3) : we can group the selectors with same style definitions.

universal selector(\*) : this will select all the element on the page.

c. explain box model in css with the help of diagram.

Box model is box that wrap around every element of html. It is consist of content , padding , border, margin.

Content: it is basically a value which we define using html tag. It can be text, image, article, video etc.

Padding : It is space around content. It is visible.

Border : border goes around content and padding. It have several values.

Margin : it is outmost property in box model it goes around content padding border.it is transparent.

