Web Designing Assignment

Module (HTML5) – 3

1.What are the new tags added in HTML5?

Ans.

<article>: Represents a self-contained piece of content like a news article.

<section> : Defines sections in a document.

<nav>: Represents a section for navigation links.

<aside>: Defines tangential content like sidebars.

<header>: Specifies a header for a document or section.

<footer>: Specifies a footer for a document or section.

<main>: Represents the main content of a document.

<figure>: Specifies content like images with captions.

<figcaption>: Provides a caption for the element.

<time>: Represents a specific period in time.

<mark>: Defines highlighted text.

<progress>: Represents task progress.

<meter>: Defines a scalar measurement within a range.

2. How to embed audio and video in a webpage?

Ans. Create a new HTML file in the same directory, called index. html . Add <audio> and <video> elements to the page; make them display the default browser controls. Give both of them <source> elements so that browsers will find the audio format they support best and load it.

3. Semantic element in HTML5 ?

Ans.

<header>: Defines a header for a page or section.

<nav>: Contains navigation links.

<section>: Defines a section of a document.

<article>: Represents an independent piece of content.

<aside>: Contains tangential content.

<footer>: Defines a footer for a page or section.

<main>: Represents the main content area. and

<figure>: For images, diagrams, etc., with captions.

4. Canvas and SVG tags ?

Ans.

➢ **<canvas>**

   Used to draw graphics via scripting (javascript).

   <canvas id=''mycanvas'' width=''100'' height=''100''> </canvas>

➢ **<svg>**

   Used to define vector-based graphics that can be styled and interacted with.

   <svg width=''100'' height=''100''>

   <circle cx=''50'' cy=''50'' r=''40'' stroke=''black'' stroke-width=''3'' fill=''red''/>

   </svg>