

# Module (HTML5) – 3

1) What are the new tags added in HTML5?

a. As per the question these are some new tags added in HTML5

<article>

<aside>

<audio>

<canvas>

<datalist>

<details>

<figcaption>

<figure>

<footer>

<header>

<main>

<mark>

<meter>

<nav>

<output>

<progress>

<section>

<source>

<summary>

<time>

<video>

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

a. You can embed audio and video in a webpage by using

<audio> <video> tags.

<audio controls autoplay muted>

<source src="horse.ogg" type="audio/ogg">

<source src="horse.mp3" type="audio/mpeg">

</audio>

<video width="320" height="240" autoplay muted>

<source src="movie.mp4" type="video/mp4">

<source src="movie.ogg" type="video/ogg">

</video>

3) Semantic element in HTML5?

a. Semantic element or tag help search engines and software to understand the structure and purpose of the content, and improve accessibility and SEO.

Ex.

<header>

<nav>

<main>

<section>

<article>

<aside>

<footer>

#### 4) Canvas and SVG tags?

a. SVG stands for Scalable Vector Graphics

SVG is used to define graphics for the Web

SVG is a W3C recommendation

Ex.

```
<svg width="100" height="100">
```

```
  <circle cx="50" cy="50" r="40" stroke="green" stroke-width="4"
  fill="yellow" />
```

```
</svg>
```

The <canvas> tag is used to draw graphics, animations, and other visual effects on a web page using JavaScript

Ex. <canvas id="myCanvas" width="500" height="500"></canvas>