

## Module (HTML5)

**Q-1. What are the new tags added in HTML5?**

**Ans-1. The new tags are added in html 5:**

- ❖ **<article>** : The **<article>** tag is used to represent an article. Helps in adding Content on webpage which can be block, inline and text.
- ❖ **<aside>** : Helps in adding extra information such as niote, tip etc.
- ❖ **<details>**: The details element is used to represent an area where user can go To obtain additional information.
- ❖ **<summary>**: The **<summary>** tag in HTML is used to define a summary or Title for the **<details>** element.
- ❖ **<audio>**: Defined an audio file.
- ❖ **<header>**: The header element typically contains the heading for a section.
- ❖ **<footer>**: The **<footer>** tag in HTML is used to define a footer of HTML Document.
- ❖ **<nav>**: The **<nav>** element defines a section of navigation links.
- ❖ **<mark>**: The **<mark>** element defines a marked section of text.
- ❖ **<hgroup>**: The **<hgroup>** element is used to group heading elements.

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

**Ans-2. To embed audio in HTML, we use the <audio> tag.**

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>

<body>
  <h2>Click play button to play audio</h2>
  <audio src="https://gaana.com/song/yaad-aati-hai-13" controls loop></audio>
</body>
</html>
```

**Output:**

**Click play button to play audio**



**To embed video in HTML, we use the <video> tag. It contains one or more video sources at a time using <source> tag.**

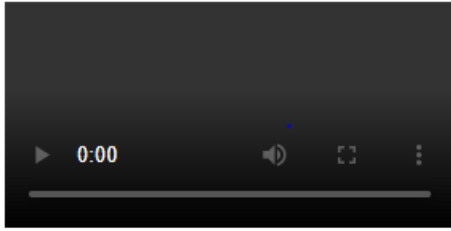
```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>

<body>
  <h2>Click play button to play vedio</h2>
  <video src="https://www.youtube.com/watch?v=himlbsMN4g8" controls loop></video>
</body>
</html>
```

**Output:**

**Click play button to play video**



**Q-3. Semantic element in HTML5?**

**Ans-3. In HTML there are some semantic elements that can be used to define different parts of a web page:**

- ❖ <article>
- ❖ <aside>
- ❖ <details>
- ❖ <figcaption>
- ❖ <figure>
- ❖ <footer>
- ❖ <header>
- ❖ <main>
- ❖ <mark>
- ❖ <nav>
- ❖ <section>
- ❖ <summary>
- ❖ <time>

**Q-4. Canvas and SVG tags**

**Ans-4. The <canvas> element is only a container for graphics, you must**

**Need a scripting language to draw the graphics.**

**A canvas is a rectangle like area on an HTML page. It has no border and no content.**

**SVG is used to define graphics for the Web.**

**SVG has several methods for drawing paths, boxes, circles, text, and graphic images.**

