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

**=> 1. <article>**

**2. <section>**

**3.<header>**

**4. <<footer>**

**5. <nav>**

**6. <aside>**

**7. <main>**

**8. <figure>**

**9. <figcaption>**

**10. <video>**

**11.<canvas>**

**12.<audio>**

**13.<date>**

**14.<time>**

**15.<color>**

**16.<datalist>**

**These are few tage that added in HTML5.**

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

**=> for add audio in webpage you can use this code.**

**<audio controls>**

**<source src="file location " type=” file type”>**

**</audio>**

**=>for add video in webpagr you can use this code.**

**<video controls>**

**<source src="file location " type=” file type”>**

**</video >**

**3. Semantic element in HTML5?**

**=>In HTML5, semantic elements are HTML tags that provide meaning and structure to the content of a web page. These elements are designed to describe the purpose or meaning of the content they contain, rather than just provide a visual presentation of the content.**

**Some of the commonly used semantic elements in HTML5 are:**

**<header> - used to define the header of a document or a section**

**<nav> - used to define a set of navigation links**

**<main> - used to define the main content of a document**

**<article> - used to define an article or a section of independent content on a page**

**<section> - used to define a section of content**

**<aside> - used to define content that is tangentially related to the main content**

**<footer> - used to define the footer of a document or a section**

**Using semantic elements in HTML5 can make the content of a web page more accessible, as screen readers and other assistive technologies can better understand the structure and meaning of the content. Additionally, using semantic elements can improve the search engine optimization (SEO) of a website, as search engines can better understand the content and relevance of the page.**

**4. Canvas and SVG tags.**

**=> Canvas tag:- The HTML canvas element provides HTML a bitmapped surface to work with. It is used to draw graphics on the web. The HTML5 <canvas> tag is used to draw graphics using scripting language like Javascript.**

**=>The <canvas> element is only a container for graphics, you must need a scripting language to draw the graphics. The <canvas> element allows for dynamic and scriptable rendering of 2D shapes and butmap images.**

**=>SVG Tag:- The <svg> tag defines a container for SVG graphics. SVG has several methods for drawing paths, boxes, circle,text, and praphic images.**

* **SVG stands for scalable Vector Graphics.**
* **SVG is used to define graphics for the web.**
* **SVG is a W3C recommendation.**