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

Ans.1

* <header> It describes the webpage's beginning paragraphs. </header>
* <main> It describes the main content of a document. </main>
* <footer> It describes the footer content of webpage. </footer>
* <nav> It describes section which contains navigation links. </nav>
* <section> It describes general section within a document </section>
* <mark> This tag used for highlighted part or marked text in paragraph. </mark>

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

Ans.2 The <audio> tag allows us to insert audio into our webpages. Earlier, it was impossible to include audio on a website; now, with HTML5, it is possible. There are attributes of <audio> tag like ‘autoplay’, ‘controls’, ‘loop’, ‘muted’, etc.

By using <video> tag, can be embed videos in webpage. The ‘controls’ attribute the in the <video> adds video player controls. Some common attributes include ‘autoplay’, ‘loop’, ‘poster’, etc.

Q.3 Semantic element in HTML5?

Ans.3

* <article> Shows a complete, independent piece of information </article>
* <time> This tag used to indicate dates, times, or durations. </time>
* <details> This tag used for obtaining additional information or controls. </details>
* <summary> Used as a summary or label for details element. </summary>
* <audio> This tag used for containing audio like music or other in a document. </audio>
* <video> This tag used for containing video like movie in a document. </video>

Q.4 Canvas and SVG tags

Ans.4 The <canvas> tag is new in HTML5. Canvas creates dynamic, interactive graphic on the web. It can be used to draw boxes, texts, gradients, and adding images. Canvas can only be adjusted by script. **EXAMPLE: -** <canvas id=”one-1” width=”100” height=”100” style =” border: 1px solid black;”> </canvas>

The <svg> stands for Scalable Vector Graphics. SVGs can improve the performance of web pages overall as smaller files load more quickly on browsers. **EXAMPLE: -** <svg width=”100” height=”100”> <circle cx=”150” cy=”100” r=”50” /> </svg>