Module(HTML5)-3

Q1. What are the new tags added in HTML5?

Ans:- 1.<article> 2.<aside> 3.<audio> 4.<canvas> 5.<command>

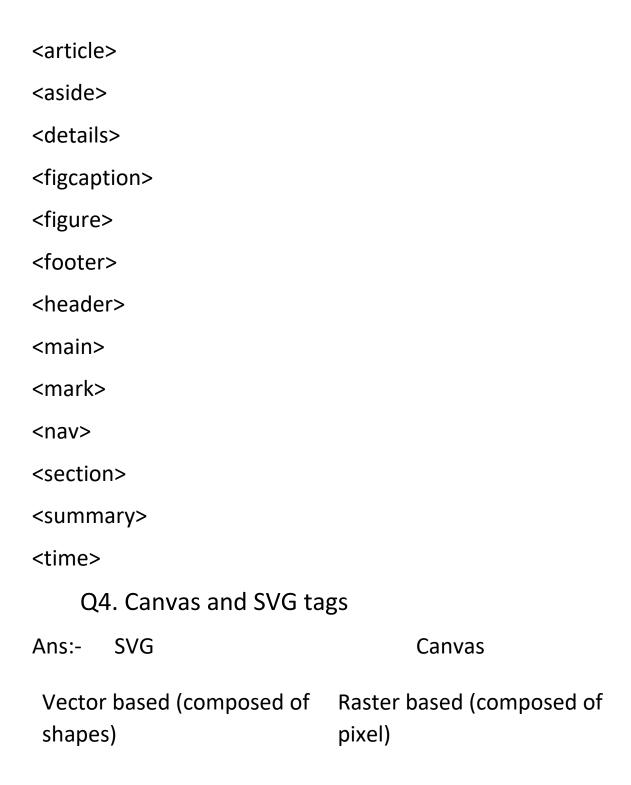6.<datalist> 7.<detail> 8.<embed> 9.<figure> 10.<footer>

11.<header> 12.<hgroup> 13.<keygen> 14.<mark>
15.<meter> 16.<nav> 17.<output> 18.<progress>
19.<ruby> 20.<section> 21.<time> 22.<video> 23.<wbr>

Q2. How to embed audio and video in a webpage?

Ans:- To embed video in HTML, we use the <video> tag. It contains one or more video sources at a time using <source> tag. It supports MP4, WebM, and Ogg in all modern browsers.

Q3. Semantic element in HTML5?

Ans:- Many web sites contain HTML code like: <div id="nav"> <div class="header"> <div id="footer"> to indicate navigation, header, and footer.

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>

Q4. Canvas and SVG tags

Ans:-

SVG	Canvas
Vector based (composed of shapes)	Raster based (composed of pixel)

SVG has better scalability. So it can be printed with high quality at any resolution.	Canvas has poor scalability. Hence it is not suitable for printing on higher resolution.
SVG gives better performance with smaller number of objects or larger surface.	Canvas gives better performance with smaller surface or larger number of objects.
SVG can be modified through script and CSS.	Canvas can be modified through script only.
Multiple graphical elements, which become the part of the page's DOM tree.	Single element similar to <img> in behavior. Canvas diagram can be saved to PNG or JPG format.