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

**Ans :**

|  |  |
| --- | --- |
| **Tag** | **Description** |
| <dialog> | It represents a dialog box or other interactive components. |
| <figcaption> | It defines caption for the <figure> element. |
| <figure> | It defines a self-contained content, and referenced as a single unit. |
| <footer> | It represents the footer section of the webpage. |

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

**Ans :** Create a new HTML file in the same directory, called index. html . Add <audio> and <video> elements to the page; make them display the default browser controls. Give both of them <source> elements so that browsers will find the audio format they support best and load it.

1. **Semantic element in HTML5?**

* **Ans :** <article>
* <aside>
* <details>
* <figcaption>
* <figure>
* <footer>
* <header>
* <main>
* <mark>
* <nav>
* <section>
* <summary>
* <time>

1. **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. |