1. List of the features of HTML5?

Ans-HTML stands for Hyper Text Markup Language. It is used to design web pages using a markup language. HTML is an abbreviation of Hypertext and Markup language. Hypertext defines the link between the web pages. The markup language is used to define the text document within the tag which defines the structure of web pages. HTML 5 is the fifth and current version of HTML. It has improved the markup available for documents and has introduced application programming interfaces (API) and Document Object Model (DOM).

2. What are HTML Entities listed out oFt 5 commonly Used HTML entities.?

Ans- The HTML Entities are strings of text that start with an ampersand symbol(&) and end with a semicolon(;).These entities are commonly used to demonstrate characters that are reserved (otherwise, they would be interpreted as HTML code) and imperceptible characters such as non-breaking spaces.

Named Entity	HTML 5 Alias	Numbered Entity	Description	Intended Rendering
&	&<MP;	&	ampersand	&
©	©	©	Copyright	©
>	>	>	Greater than	>
<	<	<	Less than	<
"	"	"	Double quotes	"

3. What is web accessibility? list some of the assistive devices which play a major role in providing accessibility.

Ans- Web accessibility focuses on designing and developing websites that are more accessible to people with disabilities. It means that websites that have applied the accessibility principles can provide more accessible content.

4. List any 3 ways which help us in improving the accessibility of HTML

Ans-   1. Easier to develop with — as mentioned above, you get some functionality for free, plus it is arguably easier to understand.

2. Better on mobile — semantic HTML is arguably lighter in file size than non-semantic spaghetti code, and easier to make responsive.

3.Good for SEO — search engines give more importance to keywords inside headings, links, etc. than keywords included in non-semantic `<div>`s, etc., so your documents will be more findable by customers.

5. Write a short note on the table index?

Ans- A table in HTML consists of table cells inside rows and columns.

Eg- <table>

  <tr>

    <td>Emil</td>

    <td>Tobias</td>

    <td>Linus</td>

  </tr>

</table>

6. List any 5 semantic tags in HTMl along with their descriptions.

Ans- 1.Article Tag- The HTML <article> tag is used for independent, self-contained content, which means content inside the article tag is complete and independent from the rest of the article.

Eg- <article>Content</article>

2.Aside Tag- We use the aside tag when we want to give some additional information or information indirectly related to the main content, like tips, notes, sources, etc.

3.Footer Tag- It contains information like contact information, copyright information, author details, etc.It is generally at the bottom of a webpage.

4.Nav Tag- <nav> tag is used to create a navigation bar of the webpage.Different types of
navigation links are provided inside the nav tag.Some of the navigation link
examples are home, contacts, index, etc.

5. Header Tag- <header> tag defines a header for the web page which contains the website logo,
website name, navigation bar, etc.

7. What are the benefits of using semantic tags for web webpage?

Ans-The semantic HTML tags help the search engines and other user devices to determine the
importance and context of web pages.The pages made with semantic elements are
much easier to read.It has greater accessibility. It offers a better user experience.