Website Designing - Html5

Q1.Difference between HTML & HTML5?

ANS :-

HTML	HTML5
HTML is the primary language for designing any web page.	HTML5 is the most upgraded version of HTML.
It works with older browser only.	It is supported by all the new browsers like chrome , safari , firefox etc.
Less fast , flexible and efficient as compared to HTML5.	More fast , flexible and efficient as compared to HTML.
Audio and video tags are not supported.	Audio and video tags are supported.
Drawing different shapes like triangle , rectangle and circle is not supported.	Drawing different shapes like triangle , rectangle and circle is supported.
Data store in the form of a session and cookies.	Data store in the SQL database and application cache to offline.
Javascript cannot supported.	Javascript supported.
It does not allow drag and drop effects.	It allows drag and drop effects.
Older version of html are less mobile-friendly.	HTML5 is more mobile-friendly.
Elements like header , footer , nav were not present.	New element for web structure like nav , header , footer etc.

Q2.What are the additional tags are used in HTML5?

ANS :-

❖ **List of Additional tags in HTML5 :**
● **Semantic tags :-**

Tag	Description
<header>	Defines the header section of a page or section
<footer>	Defines the footer for a document or section
<nav>	Defines a section that contains navigation links
<section>	Represents a standalone section of content
<article>	Represents independent, self-contained content
<aside>	Represents content tangentially related to the main content
<main>	Represents the main content of the document
<time>	Represents a specific time or date

● **Form input type Tags :-**

Type	Description
color	Represents an input field for selecting a color using a color picker.
date	Represents an input field for selecting a specific date (day, month, year).
datetime	Represents a display of full date and time with time zone information. *(Deprecated)*
datetime-local	Represents date and time input without time zone information.
email	Represents an input field that validates for email format.
tel	Represents a control to enter a telephone number.
url	Represents an input field that validates for a proper URL format.
number	Represents a field that accepts only numeric values.
range	Represents a slider to select a numeric value within a given range.

- **Graphic tags :-**

Tags	Description
\<canvas>	Allows drawing graphics and animations with scripting.
\<svg>	Used for scalable vector graphics.

- **Media tags :-**

Tags	Description
\<audio>	Defines sound content
\<video>	Defines video content for within a HTML document.
\<track>	Define text tracks for audio and video files.
\<source>	Specifies multiple media resources for media elements.