**MODULE 3 (HTML5)**

1. What are the new tags added in HTMLS ?

1]<article> tag :- Used to represent an article. More specificialy the content within the <article> tag is independent of the other content of the site (even through it can be reeleated).

2]<aside> tag :- used to describe the main object of the web page in a shorter way liked highlighter.

3]<audio> tag :- Used to insert an audio into an HTML webpages.

4]<canvas> :- To draw graphics on a web pages using javascript it can be used to draw paths, boxes, texts, gradients and add images.

5]<command> tag :- Invoke as per user action. The <command> tag button is used in a special type of operation. Tag is supported only by into net explorer.

6]<datalist> :- Used to provided auto complete feature in the HML files.

7]<details> tag :- Used to the content information which is initially hidden but could be displayed if the user wishes to see it.

8]<summary> :- Tag is used with (detail)s tag for specifying visible heading.

9]<embed> :- Embedding external applications which are generally multimedia content like audio view into an HML document.

10]<figure> :- Add self-contained like illustrautions, diagrams, photos on codes listing in a document.

11]<footer> :- Used to define a footer of HTML document.

Ex.:- author information copy right information.

12]<header> :- Tag contains information related to the title and heading of the related content.

Ex.:- logos & addres etc.

13]<h group> :- Heading group is used to heading elements.

14]<k eygen> :- Key-pain generation filed in a form.

15]<mark> :- Used to define the marked text. Used a highlight the part.

16]<meter> :- Define the scale for measurement in a well defined ranged and also supports a fractional value.

17]<nav> :- Declaring the navigation navigational section.

18]<output> :- Calculation performed by client side script such as javascript.

19]<progress> :- Represent the progress of a task.

20]<ruby> :- Which is a small text attached with the main text to specify the meaning of main text.

21]<section> :- They devied the content.

22] time :- Time to display on to create birthday reminder and call ends search engsnes can produce smarter search results.

23] web tag :- Word break opportunity & define the position within the text.

24] video :- Used emberd video content in a documents such as a movie clip on other video strems.

1. How to embed audio and video in a web pages ?

To embed video in HTML :- We used the <video> tag. It contains one or more video source at a time using <source> tag.

Only ogg video format doesn’t support in safari browser.

Audio:- Used the <audio> tag before HTMLS audio can not be added to web pages in the internet explorer era.

To play audio we used web pulgins like flash. After the release of HTMlS it is possible this tag chrome , firefox, safari, opera and edge.

1. Senamatic elements in HTMLS ?

Senamatic element is a also known as senamatic mark upl refers to the use of HTML tags that convey the meaning or senamatics of the content contain within them.

1] header

2] nav

3] <main>

4]<article>

5]<aside>

6]<figure>

7]<p>

8]<section>

9]<footer>

10]<spam>

1. Canvas tag & SVG tags :-

Canvas :- tag is used to draw graphics on the fly, via scripting casually javascript.

Tag is transparent & is only a container for graphics you must use a script to actually draw the graphics.

Any text inside the <canvas> element will be displayed in browser with javascript disabled and in browser that do not support.

SVG :- defines vector based graphics in XML format.

What is SVG :- stands for scalable vector graphics.

SVG is used to define graphics for the web.

SVG is a W 3 crecomm endation.

<SVG>

SVG has several methods for drowing paths, boxes, circles text and graphics images.