HTML 5 – ASSIGNMENT

1. What are the new tags added in HTML5?

Ans. the following tags are added in the html 5

1) <article> - It defines the independent or self-contained content of a webpage.

2) <aside> - It defines the content which provide information about the main content.

3) <audio> - It defines sound content.

4) <canvas> - It allows drawing graphics and animations via scripting.

5) <datalist> - It represent predefined list for input <option> element.

6) <details> - It defines additional information which only visible as per user demand.

7) <embed> - It defines a container for external files/application/media.

8) <figure> - It defines a self-contained content, and referenced as a single unit.

9) <footer> - It represents the footer section of the webpage.

10) <header> - It defines the introductory or navigational content of the webpage.

11) <hgroup> - Represents the header of a section.

12) <keygen> - Represents control for key pair generation.

13) <mark> - Represents a run of text in one document marked or highlighted for reference purposes, due to its relevance in another context.

14) <meter> - Represents a measurement, such as disk usage.

15) <nav> - Represents a section of the document intended for navigation.

16) <output> - Represents some type of output, such as from a calculation done through scripting.

17) <progress> - Represents a completion of a task, such as downloading or when performing a series of expensive operations.

18) <ruby> - Together with <rt> and <rp> allow for marking up ruby annotations.

19) <section> - Represents a generic document or application section

20) <time> - Represents a date and/or time.

21) <video> - Defines a video file.

22) <wbr> - Represents a line break opportunity.

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

Ans. The HTML <video> element is used to show a video in webpage.

Eg. <video src="image/big\_buck\_bunny\_720p\_1mb.mp4" controls loop></video>

The HTML <audio> element is used to show an audio in webpage

Eg. <audio src="image/file\_example.ogg"controls loop></audio>

3. Semantic element in HTML5?

Ans. A semantic element clearly describe its meaning.

Eg. Non-semantic elements:- <div>, <span>

Eg. Semantic elements:- <form>, <table>, <nav>

4. canvas and svg tags

Ans. Canvas

The Html <canvas> elements is used to draw graphics on web page. The <canvas> elements is only a container for graphics. You must use javascript to actually draw the graphics.

SVG

The html <svg> elements is a container for svg graphics..