Module 5  
  
 HTML5

Ques-1: Difference b/w HTML & HTML5?

HTML(HTML4) HTML5

Older version of markup language Latest version of HTML  
focused on structure only Adds structure, multimedia  
  
Ques-2 Multimedia Support   
  
HTML HTML5  
Needs pulgins(like Flash)for video/audio Has <audio> and <video> tag built  
  
Ques-3 New Tags in HTML5  
HTML5 introduced new semantic tags like:  
  
 <header>, <footer>, <article>, <section>, <nav>, <aside>  
HTML does not these.  
  
Ques-4 Graphics and Animation  
  
HTML HTML5  
No support for graphics Supports <canvas> and <svg> for drawing  
  
Ques-5 Form Features  
HTML5 added better form controls:  
. New input types: email, date, range, color, etc.  
. validation using attributes like required, pattern, etc.  
HTML does not support these features directly.

Ques-6 offline storage  
HTML HTML5  
No support for offline storage Supports localstorage and sessionstorage  
  
Ques-2: What are the additional tags used in HTML5?  
1.semantic structure Tags   
These tags help define the structure of your web page clearly.  
. <header> - Top area of a page (like a title or logo section).  
. <footer> - Buttom of the page (credits, links, copyright).  
. <nav> - Navigation links section (menus).  
. <main> - Main content of the page (one per page).  
. <Section> - Divides content into logical sectins.  
. <article> - Self – contained content (like a blog post).  
. <aside> - Side content (ads, related links).  
. <figure> - used for images, diagram , etc.  
. <figcaption> - Caption for a <figure>.  
  
2. Media Tags  
used for embedding media without extra plugins.  
  
. <video> - To add video.  
. <audio> - To add sound/music.  
. <source> - Defines multiple media file.  
. <track> - For subtitles or captions in video/audio.  
  
3. Form Tags and input types  
New elements and types for better forms.  
  
. <datalist> - Provides suggestions (like atocomplete).  
. <output> - Shows result of a calculations.  
. <progress> - Shows progress bar.  
. <meter> - Shows measurements value (like score).  
. New input types:  
email, url, tel, date, time, range, search, color, etc.  
  
4. Interactive Tags  
Tags that makes content expandable or interactive.  
  
. <details> - collapsible content  
. <Summary> - Title for the <details> section.  
. <dialog> - used for modal/pop-up dialogs.  
  
5.Other Useful Tags  
. <mark> - Highlights text.  
. <time> - Represents date or time.  
. <template> - Invisible content for JS use.