

# Web Technology and Applications

## Module-II (Question Bank)

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### CHAPTER - 4

1. Write the structure of a Table in HTML with syntax and an example.
2. Explain Row span, Column span and table heading with a suitable example.
3. Explain the role of the following additional table elements:  
*<caption>, <col>, <colgroup>, <thead>, <tfoot> and <tbody>*
4. Explain basic table styling attributes with an example.
5. Explain Boxes, Zebras, Padding and spacing in HTML tables with suitable examples.
6. Write the typical structure of a HTML form and explain with a block diagram, how forms interact with servers.
7. Explain the structure of <form> element with an example. Illustrate the role of attributes: action and method.
8. Explain the following with examples: get, post, query string and URL encoding.
9. Explain different Text Input Controls with examples.
10. Explain the role of the following attributes with examples: *required and autocomplete*
11. Explain the following choice controls with examples:  
*Radio button, check box and select list*
12. Explain different forms of Button Controls with examples.
13. Explain the following special input controls with suitable examples:  
*hidden, file, number, range, color, date and time*
14. Explain Web Accessibility guidelines for accessing content and tables.
15. Explain the role of microformats in modern Web sites.

### CHAPTER - 5

1. Explain the normal flow of block level and inline elements with examples.
2. Explain the role of *CSS position* property. With suitable examples, explain absolute and relative positioning.
3. Explain CSS float property for HTML elements with and without containing elements.
4. Describe with a suitable example, the problem of having only float elements in a container element. Explain the solution for the same.
5. Explain the role of *CSS display and visibility* properties with suitable examples.
6. With suitable examples, explain the use of floats in creating multi-column layouts.
7. With suitable examples, explain how positioning of elements creates multi-column layouts.
8. Explain fixed layout design for Web sites with examples. List the benefits and limitations.
9. Explain liquid (fluid) layout design for Web sites with examples. List the benefits and limitations.
10. Explain the key components of Responsive Web Design.
11. Explain the role of media queries in responsive web design with syntax and examples.
12. Explain the need of CSS frameworks in Web design: Grid systems and CSS pre-processors
13. Explain the role of CSS properties: *z-index and clear* with suitable examples.