

- N.B.** (1) All questions are compulsory.
(2) Figures to the right indicate marks.
(3) Illustration, in-depth answers and diagrams will be appreciated.

1. Attempt the following (any four) :—
 - (i) What are the benefits of designing a Web Site ? Explain any two structures in detail. 3
 - (ii) Explain the methods of window object used to display messages and to interact with users. 3
 - (iii) How Ajax is useful to the users and developers ? 3
 - (iv) Explain the following properties, childNodes, nextSibling, nodeType. 3
 - (v) What is DTD ? Explain any two integrants of DTD. 3
 - (vi) State differences between Relative URL and Absolute URL. 3

 2. Attempt the following (any three) :—
 - (i) Explain attributes of <body>tag to change the color of the text and link. 4
 - (ii) What do you mean by executable tag ? Explain any two with example. 4
 - (iii) Discuss any four guidelines to create effective tables. 4
 - (iv) Explain any four design variables to be considered for testing a web site. 4

 3. Attempt the following (any three) :—
 - (i) Write a Java Script program to accept lower and upper range in number. Display sum of all even numbers between the range. 4
 - (ii) Explain any two event handlers supported in JavaScript. 4
 - (iii) What is location object ? Explain any two methods with example. 4
 - (iv) Describe the features of XML. 4

 4. Attempt the following (any three) :—
 - (i) Explain with an example if-----Structure in PHP. 4
 - (ii) Explain different functions used in PHP to collect values from form. 4
 - (iii) Explain any four methods of XMLHttpRequest object. 4
 - (iv) Write a program in Ajax to display the last access date of a text file. 4

 5. Attempt the following (any three) :—
 - (i) Explain with an example, method used to extract individual elements from XML documet. 4
 - (ii) Explain with an example, properties used to set the font style of the text. 4
 - (iii) What is relative positioning ? Explain position and right properties of CSS. 4
 - (iv) Explain with an example, how to side step a browser's cache. 4
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