

(Time: 2 Hours)

[Total Marks: 60]

- N.B.** 1) All questions are compulsory.
 2) Figures to the right indicate marks.
 3) Illustrations, in-depth answers and diagrams will be appreciated.
 4) Mixing of sub-questions is not allowed.

- Q.1. Attempt the following (Any FOUR)**
- Explain table tag with some attributes. (03)
 - What is hyper linking? What are its benefits? (03)
 - Differentiate between HTML and XML (03)
 - Explain foreach loop with an example in PHP. (03)
 - Explain the following tags with their attributes (03)
 - Frameset
 - Anchor
 - Explain the term "Design for medium" (03)
- Q.2. Attempt the following (Any THREE)**
- What are benefits of user testing and website maintenance? (04)
 - What is CSS? Differentiate between internal and external Stylesheet. (04)
 - Explain design proposals while developing a website for user. (04)
 - What is image maps? Differentiate between client side image map and server side image map. (04)
- Q.3. Attempt the following (Any THREE)**
- Explain valid and well formed XML document. (04)
 - Write a JavaScript function to find out whether the given number is prime or not. (04)
 - Write a short note on DTD. (04)
 - What is JavaScript? What are advantages of using JavaScript. (04)
- Q.4. Attempt the following (Any THREE)**
- What is Ajax and how is it useful to developers and users. (04)
 - Explain the following XMLHttpRequest Object properties for internet Explorer. (04)
 - Onreadystatechange
 - responseText
 - readyState
 - Status.
 - What are the different kind of array in PHP? Explain each with an example (04)
 - Name the different functions used in PHP to collect values from a form. (04)

(\$_GET, \$_POST, \$_REQUEST)
- Q.5. Attempt the following (Any THREE)**
- Explain the need to show the user when the text changes in AJAX. (04)
 - Explain the following JavaScript properties for working in XML. (04)
 - NodeValues
 - firstChild
 - lastChild
 - documentElement.
 - State and explain briefly some of the design issues to keep in mind using Ajax to create website. (04)
 - Explain the different ways in which CSS and Ajax can work together. (04)
