

(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)**

- A. Explain table tag with some attributes. (03)
- B. What is hyper linking? What are its benefits? (03)
- C. Differentiate between HTML and XML (03)
- D. Explain foreach loop with an example in PHP (03)
- E. Explain the following tags with their attributes (03)  
a) Frameset b) Anchor
- F. Explain the term "Design for medium" (03)

**Q.2. Attempt the following (Any THREE)**

- A. What are benefits of user testing and website maintenance? (04)
- B. What is CSS? Differentiate between internal and external Stylesheet. (04)
- C. Explain design proposals while developing a website for user. (04)
- D. What is image maps? Differentiate between client side image map and server side image map. (04)

**Q.3. Attempt the following (Any THREE)**

- A. Explain valid and well formed XML document. (04)
- B. Write a JavaScript function to find out whether the given number is prime or not. (04)
- C. Write a short note on DTD. (04)
- D. What is JavaScript? What are advantages of using JavaScript. (04)

**Q.4. Attempt the following (Any THREE)**

- A. What is Ajax and how is it useful to developers and users. (04)
- B. Explain the following XMLHttpRequest Object properties for internet Explorer. (04)  
a) Onreadystatechange b) responseText c) readyState d) Status.
- C. What are the different kind of array in PHP? Explain each with an example (04)
- D. Name the different functions used in PHP to collect values from a form. (04)  
(\$\_GET, \$\_POST, \$\_REQUEST)

**Q.5. Attempt the following (Any THREE)**

- A. Explain the need to show the user when the text changes in AJAX. (04)
- B. Explain the following JavaScript properties for working in XML. (04)  
a) NodeValues b) firstChild c) lastChild d) documentElement.
- C. State and explain briefly some of the design issues to keep in mind using Ajax to create website. (04)
- D. Explain the different ways in which CSS and Ajax can work together. (04)

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