

[Time: 2 Hours]

[Marks : 60]

Please check whether you have got the right question paper.

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

Q.1 Attempt the following (Any Four)

- A. What is the importance of using active white space in web design? **03**
- B. Explain the `<colspan>`, `<col>` and `<colgroup>` tags related to the creation of table in HTML. **03**
- C. Write a Javascript Function to accept a number from the user and print in the browser whether it is even or odd. **03**
- D. Explain the following properties of XMLHttpRequest Object :- **03**
- i. Onreadystatechange
 - ii. ReadyState
- E. Explain the loops in PHP with code snippets. **03**
- F. Explain with an example how XML parser object can be used to detect the errors in XML document. **03**

Q.2 Attempt the following (Any three)

- A. How do you test your site effectively before publication? **04**
- B. What are the disadvantages of graphics based navigation over text based navigation ? **04**
- C. Describe the points to be considered while selecting appropriate font types for your web pages. **04**
- D. Illustrate `<frameset>` and `<frame>` tags with an example. **04**

Q.3 Attempt the following (Any three)

- A. Illustrate with examples any 2 properties of Navigator object. **04**
- B. Create an XML, file to store the records of 5 students containing roll, name, class, div, grade, percentage fields, Create a corresponding DTD of the above XML file. **04**
- C. Write a Javascript function to accept a number and display it in reverse order. **04**
- D. State any 5 differences between XML and HTML. **04**

Q.4 Attempt the following (Any three)

- A. Write an example to illustrate how to send the data to the server using Ajax. **04**
- B. Write a program in Ajax to display the last access date of a text file. **04**
- C. Explain the open method with its parameters of XMLHttpRequest object. **04**
- D. Explain the use of \$_GET and \$_POST IN PHP. **04**

Q.5 Attempt the following (Any three)

- A. What is visual cue? Explain with an example how to give visual cues to the user. **04**
- B. Illustrate with code how to hide and unhide menu items using Ajax. **04**
- C. Explain with an example, how to sidestep a browser's cache. **04**
- D. Describe any two design issues with Ajax. **04**