

Time: 2½ hrs.

Marks: 75

Note:

1. All questions are compulsory with Internal choice.
2. Draw neat diagrams wherever necessary.
3. Figures to the right indicate full marks.

Q.1 Answer the following (any four) (20)

- (a) Explain any 5 Formatting tags in HTML 5.
- (b) Write notes on hyperlinks in HTML 5.
- (c) Define image map. Explain tag with its attributes.
- (d) Write short notes on table tag in HTML 5.
- (e) Explain css and its types.
- (f) Explain <form> tag and its controls.

Q.2 Answer the following (any four) (20)

- (a) Explain the advantages of JavaScript.
- (b) Explain mathematical operators in JavaScript.
- (c) Write a note on math objects in JavaScript.
- (d) Discuss the difference between XML and HTML.
- (e) Explain the DTD in details.
- (f) Write JavaScript code to print the factorial of a number.

Q.3 Answer the following (any four) (20)

- (a) Write a note on XMLHttpRequest object.
- (b) Explain AJAX Web application model in detail.
- (c) Explain for loop with example in php.
- (d) Give steps to connect the database in php.
- (e) What is JQuery? Explain the syntax of JQuery.
- (f) What is \$() factory Function in JQuery?

Q.4 Answer the following (any three) (15)

- (a) What are the features of HTML5.
- (b) Explain the limitation of JavaScript.
- (c) What are the predefined entities in XML?
- (d) What is XSLT? How it works?
- (e) Explain <audio> tag and its attributes in html5.
- (f) What are synchronous and Asynchronous communication?

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