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 HTML with its features.
   (b) Explain CSS background properties with examples.
   (c) Explain <table> tag with examples.
   (d) Explain Selectors with suitable examples.
   (e) Explain Video with its attributes and suitable examples.
   (f) Create a HTML code with following specification. Write a code for 2 separate
       pages having different file names such as the first page as introduction.html and
       second page as registration.html. Use theme such as college profile, design web
       page as follows:-
       i. The introduction page must contain a heading which is highest among other
       text on pages and must be at the center of the page. Background color of the
       heading level should be yellow.
       ii. There must be a paragraph which introduces general information about the
       theme chosen must have at least 3 physical tags and one image with alternative
       tags. This page must be connected to another page with proper navigational
       links.
       iii. The registration page must contain the feedback or enrolment form related
       with the theme with the features of CSS. The form must contain a Text box to
       accept name, Email address, DOB, Address, City, Phone number of the person
       and include a submit button.

Q.2   Answer the following (any Four)   (20)
   (a) Explain XML with advantages and disadvantages.
   (b) Explain pop-up boxes with syntax and examples.
   (c) Difference between XML and HTML.
   (d) Explain form validation with examples.
   (e) Write a JavaScript program to accept 2 numbers from users and display answer
       with the help of Alert box.
   (f) Explain the setTimeout() function with an example.

Q.3   Answer the following (any Four)   (20)
   (a) Explain steps to execute PHP programs.
   (b) Explain variables and operators in PHP with examples.
   (c) Explain working of AJAX with the help of a diagram.
   (d) Write a PHP code to display 11 to 20 numbers.
   (e) Explain Cookies and Session with syntax.
   (f) Explain if, if...Else with suitable examples.

Q.4   Answer the following (any Five)   (15)
   (a) Explain CSS with syntax.
   (b) Explain <form> tag with its attributes.
   (c) What is JavaScript?
   (d) Explain any 2 conditional statements of JavaScript.
   (e) Explain Cookies in PHP.
   (f) What is AJAX?

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