

**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) How to create a table? Explain the tags used for creating table with syntax.
- (b) What are types of lists? Explain <ol> tag with suitable example.
- (c) What is CSS? How to insert CSS in HTML?
- (d) Explain drop down box with all elements and example.
- (e) Create a web page with following specification.
  1. The heading should be large in size as "Nirmala Memorial Foundation College" with blue background color and text color should be red.
  2. Display horizontal line after the heading level with red color.
  3. There must be a paragraph which introduces general information about the college and must contain at least 3 formatting tags.
  4. Add college image with alternate text with center alignment.
  5. This page must be connected to other page with proper navigational link.
- (f) What is HTML? Explain features of HTML5.

**Q.2 Answer the following (any Four) (20)**

- (a) What is JavaScript? Explain how does it works also explain rules of variable declarations.
- (b) Explain in detail how AJAX works.
- (c) Explain the importance of form validation in web programming with suitable example.
- (d) Write a JavaScript program to check whether user entered number is even or odd
- (e) Explain the difference between XML and HTML.
- (f) Write a JavaScript program to accept two integer and display the larger number of them.

**Q.3 Answer the following (any Four) (20)**

- (a) What is an operator in PHP? Explain any 2 types with suitable example.
- (b) What is click() event? Explain with suitable example.
- (c) What is control flow statement in PHP? Explain any 2 types with example.
- (d) Define session. Explain the syntax how to start and destroy session in PHP
- (e) Explain array with its types.
- (f) Explain the steps to connect with a database.

**Q.4 Answer the following (any Five) (15)**

- (a) Write a short note on Radio button control tag.
- (b) Write a short note on <video> tag.
- (c) Explain syntax of if...else statement in JavaScript.
- (d) What is jQuery?
- (e) Write a short note on Email validation function.
- (f) What is MYSQL?

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