

(2½ Hours)

[Total Marks: 75]

- 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 All(Each of 5Marks)

(15M)

(a) Multiple Choice Questions

(5M)

- i. The attribute of `<form>` tag is _____
 A. Method B. Action C. Both (a) & (b) D. None of these
- ii. Which of the following is the correct way to apply Styles?
 A. inside an HTML element
 B. inside the section of an HTML page
 C. in an external CSS file
 D. all of the mentioned
- iii. We can declare all type of variables in JavaScript with the keyword _____
 A. var B. obj C. jvar D. None of these
- iv. What is the correct syntax of the declaration which defines the XML version?:
 A. `<xml version="A.0" />`
 B. `<?xml version="A.0"?>`
 C. `<?xml version="A.0" />`
 D. None of the above
- v. A PHP script is written under-
 A. `<? php php ?>` B. `<? >` C. `<?php>` D. `<?php ?>`

(b) Fill in the blanks

(5M)

(fieldset, cellpadding, server, //, 0, fieldgroup, cellspacing, client, /* ... */ , 1)

- i. `<legend>` is used to assign a caption to a set of form fields as defined by a _____ element.
- ii. _____ attribute used in `<table>` element sets the width, in pixels, between the edge of a cell and its content.
- iii. JavaScript is _____ side scripting language.
- iv. We can use _____ to comment a single line in JavaScript.
- v. PHP's numerically indexed array begins with position _____.

(c) Write Answers in two lines.

(5M)

- i. List two new input types provided by HTML 5 for forms.
- ii. What do you mean by Inline CSS?
- iii. List any four data types supported in JavaScript.
- iv. What is XML Element?
- v. What is the meaning of selectors in jQuery?

2

- Q. 2 Attempt the following (Any THREE)(Each of 5Marks) (15M)**
- Explain any five tags used in head section in HTML5.
 - List the global attributes of HTML5. Explain any four.
 - What is image map? Explain client side image map with example.
 - Give the complete HTML code for webpage as given below :

| Time | Topic |
|---------------|--------------|
| 18:00 - 20:30 | Registration |
| 20:30 - 23:00 | Keynote |

Sign Up!

Name:

Email:

Location:

Gender: Female Male

Experience:

[Twitter](#) | [Facebook](#) | [Flickr](#)

- Differentiate between - i) TextArea & Textfield ii) Radiobutton & Checkbox.
- Explain with an example properties used to set the font style of the text in HTML5.

Q. 3 Attempt the following (Any THREE) (Each of 5Marks) (15M)

- Write a Java Script code to accept lower and upper range in number. Display sum of all even numbers between the ranges.
- What is location object? Explain its two methods with example.
- Discuss Document Object Model.
- Explain the uses of Window object methods: - i) Prompt ii) Alert.
- Describe the features of XML.
- Write DTD and XML code for describing invoice, each invoice includes:
 - Invoice number
 - Date of purchase
 - Billing address
 - Name of purchaser
 - List of items giving code number, quantity ordered, price
 - Total amount of the order.

Q. 4 Attempt the following (Any THREE) (Each of 5Marks) (15M)

- Write a program in Ajax to display the last access date of a text file.
- Explain any two methods of XMLHttpRequest object.
- How to create arrays in PHP? Explain with example.
- Give if structures in PHP. Explain with an example.
- What is the use of session in PHP? Explain any three functions of it.
- Discuss jQuery methods for traversing.

- Q. 5 Attempt the following (Any THREE) (Each of 5Marks) (15M)
- (a) What is the purpose of audio and video tags in HTML5? Give example
 - (b) Write JavaScript function to calculate age from the date of birth.
 - (c) Give PHP code to create / retrieve a cookie, with following condition:-
 - i. Cookie name should be 'demouser' with values 'demo'
 - ii. It should expire after 10 days.
 - (d) Explain the following elements in XSLT:-
 - i. xsl:template
 - ii. xsl:import
 - (e) Discuss various features of AJAX.
