

## Skill Enhancement:Web programming

[Time:2.30 Hrs]

[ Marks:75 ]

Please check whether you have got the right question paper.

- N.B:
1. All questions are compulsory.
  2. Figures to the right indicate full marks.
  3. Students answering in the regional language should refer in case of doubt to the main text of the paper in English.

Q1. Attempt **Any Four** of the following.

Marks 20

- a) Explain any five text formatting tags in HTML5.
- b) Define Style sheet. What is the purpose of following CSS Text style properties in HTML5?
  - i) text-align ii. text-transform iii. text-decoration iv. color
- c) Define image map? Explain <img> tag with four attributes.
- d) How to create links in HTML5? Explain its tags with an example.
- e) Explain following CSS background properties with an example: -
  - i. background-repeat ii. background-position iii. background-color
- f) Write HTML code to generate a form accepting the user last name (textfield) , contact number(textfield), gender (radiobutton), hobbies (checkbox), country (dropdown) and buttons for resetting and submitting the form.

Q2. Attempt **Any Four** of the following.

Marks 20

- a) Explain the following with valid example:
  - a) alert() ii) prompt()
- b) What is the purpose of Location browser objects in JavaScript? Explain its three properties.
- c) Write a short note on XML DTD.
- d) Explain the following elements w.r.t XSLT with an example:
  - i.xsl: attribute ii. xsl:value-of iii. xsl: attribute-set
- e) Describe Document Object Model with diagram.
- f) Write a JavaScript code to read a number from a text filed and check if it is Pallendrum Number or not (Assume the input to be always three digit number).

Q3. Attempt **Any Four** of the following.

Marks 20

- a) What is a PHP session? How to start, get, modify and destroy a PHP session? Give example.
- b) Define jQuery. Give its any three features and basic syntax with an example.
- c) How does AJAX handle asynchronous data transfer?
- d) Write a PHP code to check number entered through HTML page is even or odd. Display appropriate message.
- e) Write a PHP code to create an array of five student names and display its values using foreach loop.
- f) How does AJAX handle asynchronous data transfer?

Q4. Attempt **Any Three** of the following

Marks 15

- a) What is the purpose of Window object in JavaScript? Explain its any two properties and methods with code snippet.
- b) Explain the following tags in HTML5 with an example:
  - i) <sup> ii) <link> iii) <div> iv) <span> v) <title>
- c) Differentiate between client side and server side JavaScript.
- d) Explain any five PHP Comparison Operators.
- e) Explain different types of arrays available in PHP.
- f) Explain error handling in PHP.