



**KERALA AGRICULTURAL UNIVERSITY**  
**B.Tech. (Ag. Engg) 2017 Admission**  
**III Semester Final Examination-January 2019**

Sacs.2111

**Web Designing and Internet Applications (1+1)**

**Marks: 50**  
**Time: 2 hours**

**I Fill in the blanks:**

**(10x1=10)**

- 1 \_\_\_\_\_ is used to describe how the content should look in a web page
- 2 The HTML element that gives information about the document in a web page is \_\_\_\_\_
- 3 \_\_\_\_\_ element is used to create logical grouping of content or elements on a page
- 4 JavaScript is a \_\_\_\_\_ side scripting language
- 5 \_\_\_\_\_ images are best suited when transparency or animation is required

**State True or False**

- 6 PHP and Python are client side scripting languages
- 7 Every HTML element will have an opening tag like `<p>` and a closing tag like `</p>`
- 8 HTML elements without any text content are called empty elements, for example `<img>` element.
- 9 External style sheets are simple text only files with CSS rules, which can be linked with any web page.
- 10 `Alert()` and `confirm()` methods in JavaScript are used to display a dialog box, which is used to get user's feedback.

**II Write Short notes on ANY FIVE of the following**

**(5x2=10)**

- 1 Hyper Text Markup Language.
- 2 `<head>` tag in an html document.
- 3 Purpose of `<style>` element in html pages with example
- 4 Explain the statement `<a href="a.html">Click here </a>`
- 5 Absolute URLs and Relative URLs
- 6 Four common events that can be captured with JavaScript.
- 7 Describe the JavaScript code given – `for (var i=0; i<items.length; i++) {}`

**III Answer ANY FIVE of the following**

**(5x4=20)**

- 1 Draw and explain site diagram of a simple web site
- 2 What is a URL? Explain with an example
- 3 Progressive Enhancement strategy in web designing.
- 4 Responsive Website Design and its advantages
- 5 Style sheet elements related to background in a webpage (Any four)
- 6 Different CSS Page Layout approaches
- 7 Browser properties that can be accessed using JavaScript (Any four)

**IV Answer ANY ONE of the following**

**(1x10=10)**

- 1 Recommended minimal skeleton of an HTML document.
- 2 With the help of relevant examples, explain about database connectivity in web pages

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