CBCS SCHEME

USN ☐☐☐☐☐☐☐☐☐☐

15CS71

Seventh Semester B.E. Degree Examination, Jan./Feb. 2021
Web Technology and its Applications

Time: 3 hrs.

Max. Marks: 80

Note: *Answer any FIVE full questions, choosing ONE full question from each module.*

Module-1

1	a.	What is HTML? Explain the structure of HTML documents.	**(06 Marks)**
	b.	Explain the following HTML elements with example : i) images ii) list.	**(04 Marks)**
	c.	Write the division <div> based HTML semantic structure elements.	**(06 Marks)**

OR

2	a.	Define CSS. Explain the location of styles.	**(08 Marks)**
	b.	Illustrate the CSS Box model besuge to label each of the components of the box.	**(04 Marks)**
	c.	What are class sectors and id selectors?	**(04 Marks)**

Module-2

3	a.	Explain the basic table structure. Create an HTML document for the Fig.Q3(a).	**(06 Marks)**

Fig.Q3(a)

ONE	TWO	
	THREE	FOUR

	b.	With the sample HTML form, explain how forms work.	**(06 Marks)**
	c.	List the various form-related HTML elements.	**(04 Marks)**

OR

4	a.	Explain positioning elements in CSS.	**(08 Marks)**
	b.	What is responsive design? Explain the four key components that make responsive design work.	**(08 Marks)**

Module-3

5	a.	What is Javascript? Explain the advantages and disadvantages of client side scripting.	**(04 Marks)**
	b.	How Javascript can be linked to an HTML.	**(04 Marks)**
	c.	Briefly describe the document Object Model.	**(08 Marks)**

OR

6	a.	What are javascript events? Explain Event Handler approaches and Even Types.	**(08 Marks)**
	b.	Define PHP? Explain the PHP quote usage and concatenation approaches.	**(08 Marks)**

Module-4

7	a.	Define Array. Briefly explain the array operations in PHP with example.	**(06 Marks)**
	b.	Illustrate how data will flow from HTML form to PHP $_GET and $_POST array.	**(06 Marks)**
	c.	Write a note on $_SERVER Array.	**(04 Marks)**

OR

8	a.	Define class. Describe the accessibility of a class member.	**(06 Marks)**
	b.	Explain three main error reporting flags.	**(06 Marks)**
	c.	Write a note on PHP error and exception handling.	**(04 Marks)**

Module-5

9	a.	What are cookies? Explain how it works.	**(08 Marks)**
	b.	What is caching? Explain two basic strategies of caching web application.	**(08 Marks)**

OR

10	a.	Write a note on Arynchronous file transformation.	**(04 Marks)**
	b.	What is XML? Write the syntax rule for XML.	**(04 Marks)**
	c.	Describe how XML processing in PHP and Javascript.	**(08 Marks)**

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