

Reg.No. \_\_\_\_\_



# Karunya UNIVERSITY

(Karunya Institute of Technology & Sciences)  
(Declared as Deemed-to-be University under Sec.3 of the UGC Act, 1956)

## End Semester Examination – Nov/Dec – 2016

**Code : 14CS2052**  
**Sub. Name : Web Technology**

**Semester : 2016-17 ODD**  
**Duration : 3hrs**  
**Max. marks : 100**

### ANSWER ALL QUESTIONS (5 x 20 = 100 Marks)

Q. No.	Sub Div.	Questions	Course Outcome	Marks
1.	a.	Write HTML code to display an image.	CO1	2
	b.	Design a webpage for displaying a sample class timetable in table format using HTML5 elements.	CO1	8
	c.	Explain the various lists available in HTML? Write HTML code for illustrating nested lists.	CO1	10
(OR)				
2.	a.	Design an interactive web page for student registration using the HTML Form Elements such as text box, radio buttons, check boxes, dropdown list and submit button. Add necessary attributes to validate the form data in browser. (Without JavaScript)	CO1	20
3.	a.	State the objective of using style sheet. Explain about linking style sheets and the various background properties.	CO1	10
	b.	What is CSS box model? Explain the CSS properties which work with respect to box model with the suitable CSS code.	CO1	10
(OR)				
4.	a.	Describe the different ways of including the style sheet in HTML document. Assume the webpage contains two divisions. Write CSS script to add the following styles. <ul style="list-style-type: none"> <li>Set background color, text color, border style to the first division.</li> <li>In second division align the content in three columns.</li> </ul>	CO1	10
	b.	Write HTML code to design a horizontal navigation bar using links and CSS positioning properties.	CO1	10
5.	a.	Create an array Employee with elements "Jack", "David", "Paul", "Thomas", "Mark" and perform the following operations using JavaScript. <ul style="list-style-type: none"> <li>Extract the last value from the array and alert it.</li> <li>Append a new employee "Daniel" into the array.</li> <li>Sort array of employee by their name.</li> <li>Search the position of the given employee.</li> </ul>	CO2	10
	b.	Explain conditional and looping statements in JavaScript.	CO2	10
(OR)				
6.	a.	Write JavaScript to define a function that accepts an integer value 'n' as input argument and compute the sum of first 'n' even numbers.	CO2	10
	b.	Explain AJAX technique for sending asynchronous request to server without reloading the page. Write JavaScript code to create a simple XMLHttpRequest and retrieve data from a text file.	CO2	10
7.	a.	Explain the various super global variables available in PHP to handle form data. Write the PHP code to get an integer value and pass it to a function 'Mul_Table(int)' which display the multiplication table of the given number.	CO3	20
(OR)				

8.	a.	Get student details like name, register number and mark using form fields and maintain the details at MYSQL server using PHP. Display the list of students who got more than 90% of marks. Write the source code and explain the same.	CO3	<b>20</b>
<b><u>Compulsory:</u></b>				
9.	a.	Explain how elements and attributes are defined in a DTD?	CO3	<b>8</b>
	b.	Create an XML document for storing book details and give a suitable DTD for defining the XML document. The root element is BOOKINFO. BOOKINFO contains Zero or more BOOK. BOOK contains TITLE, AUTHOR_INFO, PRICE and each occurring once in the given order. The content of TITLE and PRICE is a text string. AUTHOR_INFO contains one or more AUTHOR. AUTHOR contains FIRST NAME and LAST NAME .	CO3	12

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