

University of Mumbai
 Program: Computer Engineering
 Curriculum Scheme: Rev2019

Examination: Third Year Semester: V

Course Code: CSDLO5012 Course Name : Internet Programming

Time: 2 hours 30 mins

Max. Marks: 80

Q1. All questions compulsory 2 marks each (20 Marks)

Q1.	In an HTML file color style is added two times for a given paragraph. once using a style attribute(color is set to red) and once in an external style sheet file linked to this HTML file (color set to green). What color of paragraph text will be displayed after loading the page in the browser?												
Option A:	Black												
Option B:	Blue												
Option C:	Green												
Option D:	Red												
Q2.	AJAX Full form is												
Option A:	Asynchronous JavaScript And XML												
Option B:	Asynchronous Java And XML												
Option C:	Asynchronous JavaScript And Extension												
Option D:	Asynchronous JavaScript And XSL												
Q3.	_____ property holds the status of the XMLHttpRequest object												
Option A:	Onreadystatechange												
Option B:	readyState												
Option C:	Status												
Option D:	statusText												
Q4.	To create following table in HTML which attributes are used <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>A1</td> <td>B1</td> <td>C1</td> </tr> <tr> <td>A2</td> <td colspan="2">C2</td> </tr> <tr> <td>B2</td> <td colspan="2">C3</td> </tr> <tr> <td>A3</td> <td>B3</td> <td></td> </tr> </table>	A1	B1	C1	A2	C2		B2	C3		A3	B3	
A1	B1	C1											
A2	C2												
B2	C3												
A3	B3												
Option A:	Rowspan												

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Option B:	Colspan
Option C:	rowspan and colspan both
Option D:	no span required
Q5.	To make input box unclickable and unusable _____ attribute is used with _____ element
Option A:	disabled, input
Option B:	Hidden,input
Option C:	Readonly,input
Option D:	readonly,any
Q6.	Which is the correct syntax of creating objects in javascript ?
Option A:	object = {property1:value1,property2:value2,property:value3};
Option B:	object : {property1=value1,property2=value2,property=value3};
Option C:	object = {property1:value1;property2:value2;property:value3};
Option D:	object : {property1=value1;property2=value2;property=value3};
Q7.	What is DOCTYPE?
Option A:	Document Type
Option B:	Document Type Definition
Option C:	Document Type Declaration
Option D:	Document Type Define
Q8.	To match the specific XML elements child like of parent element is the syntax will be
Option A:	<xsl:template match="PLANET_NAME">
Option B:	<xsl:template match="PLANET/NAME">

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Option C:	<xsl:template match="/NAME">
Option D:	<xsl:template match="//">
Q9.	What will be the output of the following PHP code? <pre><?php \$i= 1; print(\$i); print \$i; ?></pre>
Option A:	10
Option B:	01
Option C:	11
Option D:	error
Q10.	JSON name/value pair is written as
Option A:	name' : 'value'
Option B:	name = 'value'
Option C:	name = "value"
Option D:	"name" : "value"

Q2. (20 Marks Each)	Solve any Two Questions out of Three	10 marks each
A	Give an example of AJAX function to retrieve JSON data in HTML File (Assume any JSON data).	
B	Construct a webpage using HTML to design a form shown in the following figure. Write Javascript function to display an alert box once user clicks on login button to inform user whether form values submitted to server or any error occurred.	

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	<p>Username: <input style="width: 100%;" type="text"/></p> <p>Password: <input style="width: 100%;" type="password"/></p> <p>City of Employment: <input style="width: 100%;" type="text"/></p> <p>Web server: <input style="width: 100%;" type="text" value="— Choose a server —"/></p> <p>Please specify your role:</p> <p><input type="radio"/> Admin</p> <p><input type="radio"/> Engineer</p> <p><input type="radio"/> Manager</p> <p><input type="radio"/> Guest</p> <p>Single Sign-on to the following:</p> <p><input type="checkbox"/> Mail</p> <p><input type="checkbox"/> Payroll</p> <p><input type="checkbox"/> Self-service</p> <p style="text-align: center;"> <input type="button" value="Login"/> <input type="button" value="Reset"/> </p>
C	Write JQuery Code for any HTML file for different Fading effects.

Q3. (20 Marks Each)	Solve any Two Questions out of Three	10 marks each
A	Construct an HTML form that accept First_Name, Last_Name, Department and Year of admission from a student. Write a PHP code that stores this information in a MySQL database named Employee with an existing table Student_details having appropriate schema and acknowledges the users through appropriate message about success or failure during data updation and deletion.	
B	Show an External stylesheet and link with HTML file. The Stylesheet should include the following. i) The web page will have the background image "img1.jpg" ii) Table heading will have red background color. iii) Background color of alternative paragraphs are different. iv) The hyperlinks on the web page will not have underline.	
C	Write XML file for employees with XSLT to display database in tabular format.	

Q4. (20 Marks Each)	Solve any Two Questions out of Three 10 marks each				
A	<p>Use HTML to design a webpage with the following layout. Page should be responsive.</p> <div data-bbox="521 558 1365 1213" style="border: 1px solid black; padding: 10px;"><p style="text-align: center;">Amendments to the Constitution</p><p>Amendments 1 through 10, known as the Bill of Rights, were ratified by Congress December 15, 1791.</p><table border="1" style="width: 100%;"><thead><tr><th data-bbox="521 789 776 863" style="width: 50%; text-align: center;">Menu</th><th data-bbox="784 789 1365 863" style="width: 50%; text-align: center;">Amendment 1</th></tr></thead><tbody><tr><td data-bbox="521 873 776 1213"><p>Amendment 1 Amendment 2 Amendment 3</p></td><td data-bbox="784 873 1365 1213"><p>Congress Shall make no law respecting an establishment of religion, or prohibiting the free exercise thereof, or abridging the freedom of speech, or of the press; or the right of the people peaceably to assemble, and to petition the Government for a redress of grievances.</p></td></tr></tbody></table></div>	Menu	Amendment 1	<p>Amendment 1 Amendment 2 Amendment 3</p>	<p>Congress Shall make no law respecting an establishment of religion, or prohibiting the free exercise thereof, or abridging the freedom of speech, or of the press; or the right of the people peaceably to assemble, and to petition the Government for a redress of grievances.</p>
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B	Write an XML file for Students database with DTD.				
C	<p>Write Servlet Program with HTML File to take user inputs from client side. Process them on server side and display in browser with required formatting.</p> <p>User Inputs taken from browser: User ID, Date of Birth Output in browser: Welcome "<i>User ID</i>" Your Birth Date is : "<i>Date of Birth</i>"</p>				