

MAY 2022: END SEMESTER ASSESSMENT (ESA) B TECH III SEMESTER

UE18CS204 – WEB TECHNOLOGIES 1

Time: 3 Hrs	Answer All Questions	Max Marks: 100
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1	a)	Write the HTML code to display the following table. Table with dashed border <table><tr><th>Index</th><th>Seasons</th><th>Durations</th></tr><tr><td>1</td><td>Summer</td><td>4 months</td></tr><tr><td>2</td><td>Rainy Seasons</td><td>4 months</td></tr><tr><td>3</td><td>Winter</td><td>4 months</td></tr></table> Table with double border <table><tr><th>Index</th><th>Seasons</th><th>Durations</th></tr><tr><td>1</td><td>Summer</td><td>4 months</td></tr><tr><td>2</td><td>Rainy Seasons</td><td>4 months</td></tr><tr><td>3</td><td>Winter</td><td>4 months</td></tr></table>	Index	Seasons	Durations	1	Summer	4 months	2	Rainy Seasons	4 months	3	Winter	4 months	Index	Seasons	Durations	1	Summer	4 months	2	Rainy Seasons	4 months	3	Winter	4 months	10M
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	b)	What is URL? Given the below syntax of URL identify the different components and explain them. .(min 5 components need to be explained) https://video.google.co.uk:80/videoplay?docid=-7234293487129834&hl=en#00h02m30s	5M																								
	c)	Explain the different types of lists in HTML. Give example of each type	5M																								
2	a)	Using a neat diagram explain CSS Box Model.	6M																								
	b)	Explain Hoisting in JavaScript with example?	4M																								
	c)	In JavaScript, Write a function that would allow you to do this multiply(5)(6);	5M																								
	d)	Explain what a callback function is and provide a simple example	5M																								
3	a)	What is the best way to create a DOM element? Set innherHTML or use createElement? Explain each with example.	5M																								
	b)	What is a DOM EventListener method and how it can show the current date and time?	5M																								

	c)	Write the program to change the background color of the body element by DOM event?	5M
	d)	Write the program to demonstrate Double Click Event.	5M
4	a)	Explain the format of an HTTP Request.	4M
	b)	With respect to Apache configuration explain the following Listen Document Root HTTP Authentication	6M
	c)	What is the .htaccess File? What are Common Uses of .htaccess File?	4M
	d)	Answers the following: i) What is the default port for HTTP and HTTPS? ii) The important configuration file name in Apache? iii) Can you change the listening port from default to something else? How? iv) What Document Root refers in Apache? v) What does 200, 403 & 503 HTTP error codes mean	6M
5	a)	What is the significance of the different values of the readyState property of XMLHttpRequest while developing an AJAX application? Use the XMLHttpRequest object to create a simple request to the url http://abc.com/test.php and display the response in an alert. The HTML code is given below. Write the relevant JavaScript code <!DOCTYPE html> <html> <head> </head> <body> <button id="btn" onclick="getData()">Click Me</button> </body> </html>	6M
	b)	What is the command to change the default Listen port? What do you mean by these error code 200, 403 and 503?	6M
	c)	How to Make an AJAX POST Request With XHR? Explain with example	8M