

		Register Number		2	1	C	3	P	0	1	4
VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY											
(An Autonomous Institution, Affiliated to Anna University, Chennai)											
Continuous Assessment Test - I						QP Set	1	Regulations:2018-v4			
Programme:	B.E - CSE		Semester:	5	Max. Marks:	50	Duration	1.5 Hrs			
Course Code & Title:		21CST52 - WEB PROGRAMMING									
Class: 21CS5A&B		Date: 07.09.2023				Time: 11.00 am – 12.30 pm					
Knowledge Levels (KL)	K1 - Remembering			K3 – Applying			K5 – Evaluating				
	K2 - Understanding			K4 – Analysing			K6 – Creating				

Part A – 10x2 = 20 Marks

No	Question	CO	KL
1.	What is a uniform resource locator?	CO1	K2
2.	Define protocol.	CO1	K2
3.	How does a search engine work?	CO1	K2
4.	What is the anchor tag used for?	CO1	K2
5.	List out the limitations of CSS.	CO1	K1
6.	In how many ways a JavaScript code can be involved in an HTML file?	CO2	K2
7.	How to loop an array in JavaScript? Give example	CO2	K2
8.	What is the function of a document.write() method?	CO2	K2
9.	Write an example demonstrating the “welcome” message in JavaScript	CO2	K2
10.	What do you mean by events and event handlers in JavaScript?	CO2	K2

Part B – 2x15 = 30 Marks

No	Question	Marks	CO	KL
11 (a)	i) Short note on (i) Email (ii) FTP.	8	CO1	K2
	ii) What is the World Wide Web (www)? Explain the evolution of www	7	CO1	K2
OR				
11 (b)	Create a website for a online super market. Your website should have a home page which helps the users to navigate to various other pages. Every web page in the website give a detailed description of different items present in the super market.	15	CO1	K3
12 (a)	i) Describe the difference between document and window object with suitable examples	7	CO2	K2
	ii) Discuss about DOM and explain getElementById() method with an example.	8	CO2	K2
OR				
12 (b)	i) Write a JavaScript program to count the number of unique alphabets present in a given string	8	CO2	K2
	ii) Write short notes on JavaScript built-in objects	7	CO2	K2

		Register Number		2	1	C	5	R	0	14
VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY										
(An Autonomous Institution, Affiliated to Anna University, Chennai)										
Continuous Assessment Test - II						QP Set	2	Regulations: 2018-v4		
Programme:	B.E - CSE	Semester:	5	Max. Marks:	50	Duration	1.5 Hrs			
Course Code & Title:	21CST52 - WEB PROGRAMMING									
Class: 21CS5A&B	Date: 17.10.2023				Time: 11.00 am – 12.30 pm					
Knowledge Levels (KL)	K1 - Remembering			K3 - Applying			K5 - Evaluating			
	K2 - Understanding			K4 - Analysing			K6 - Creating			

Part A – 10x2 = 20 Marks

No		CO	KL
1.	What are the advantages of AngularJS?	CO3	K2
2.	Differentiate between config() and run() method in AngularJS?	CO3	K2
3.	What are Modules in AngularJS?	CO3	K2
4.	Mention the role of ng-app, ng-init and ng-model directives?	CO3	K2
5.	Differentiate \$scope and \$rootScope ?	CO3	K2
6.	Mention the purpose of DTD.	CO4	K2
7.	Why are attributes used in XML?	CO4	K2
8.	Mention the naming rules in XML.	CO4	K2
9.	Distinguish HTML and XHTML.	CO4	K2
10.	Compare HTML and XML	CO4	K2

Part B – 2x15 = 30 Marks

No	Question	Marks	CO	KL
11 (a)	(i) What are directives in AngularJS?	8	CO3	K2
	(ii) Explain the data binding process in AngularJS.	7	CO3	K2
OR				
11 (b)	(i) How can you integrate AngularJS with HTML? Give example	9	CO3	K2
	(ii) Write an AngularJS code which takes number as an input and display that number is odd or even.	6	CO3	K3
12 (a)	(i) What is an XML DOM? How DOM parses the XML file.	8	CO4	K2
	(ii) Explain about XML Schema with an example	7	CO4	K2
OR				
12 (b)	What is SAX? Write Advantages, Disadvantages and Features of SAX parser.	15	CO4	K2

Register Number	2	1	C	2	R	0	14
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VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY

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Continuous Assessment Test - III				QP Set	1	Regulations: 2018-v4	
Programme:	B.E - CSE	Semester:	5	Max. Marks:	50	Duration	1.5 Hrs
Course Code & Title:	21CST52 - WEB PROGRAMMING						
Class: 21CS5A&B	Date: 17.11.2023			Time: 02.30 pm – 04.00 pm			
Knowledge Levels (KL)	K1 - Remembering		K3 – Applying		K5 – Evaluating		
	K2 - Understanding		K4 – Analysing		K6 – Creating		

Part A – 10x2 = 20 Marks

No	Question	CO	KL
1.	What is Ajax?	CO5	K2
2.	What is XMLHttpRequest?	CO5	K2
3.	Why are web services needed?	CO5	K2
4.	Mention the types of web services?	CO5	K1
5.	State the approaches to create SOAP based web service?	CO5	K2
6.	Define web service protocol stack.	CO5	K2
7.	Is SOAP a stateful or stateless protocol?	CO5	K2
8.	What are the elements of WSDL?	CO5	K1
9.	Define UDDI?	CO5	K2
10.	Which API is used to implement web services?	CO5	K2

Part B – 2x15 = 30 Marks

No	Question	Marks	CO	KL
11 (a)	Discuss AJAX architecture and compare it with DOM and SAX.	15	CO5	K2
	OR			
11 (b)	(i) Explain about the object that helps AJAX reload parts of a web page without reloading the whole page.	7	CO5	K2
	(ii) Write a program to create a simple XMLHttpRequest and retrieve data from a TXT file.	8	CO5	K3
12 (a)	(i) Create a web service in java environment to return the sum of two integers with necessary deployment procedure.	8	CO5	K2
	(ii) Describe the significance and working of WSDL with an example.	7	CO5	K2
	OR			
12 (b)	Explain briefly SOAP Intermediates, Actors, Design and Patterns, Faults.	15	CO5	K2