

Name. _____			Printed Pages:01			
Student Admn. No.: _____						
<p align="center">School of Computer Applications and Technology Summer Term Examination – July - August 2024</p> <p align="center">[Programme: BCA/ BSc(CS)] [Semester: IV] [Batch:]</p>						
Course Title: Web Technology				Max Marks: 100		
Course Code: E1UA401C/E1UJ401C				Time: 3 Hrs.		
Instructions:		<p>1. All questions are compulsory.</p> <p>2. Assume missing data suitably, if any.</p>				
				K Level	COs	Marks
SECTION-A (15 Marks)				5 Marks each		
1.	Describe data types in JavaScript.			K2	CO2	5
2.	What does HTML stand for? Explain the use of html in detail.			K1	CO1	5
3.	With example show how do you declare a variable in JavaScript. Write its importance.			K2	CO2	5
SECTION-B (40 Marks)				10 Marks each		
4.	Explain Exception handling in Java Script.			K2	CO2	10
5.	Discuss the use of function. Create a function to generate the factorial of a given number using JavaScript.			K3	CO3	10
6.	Apply background color of a webpage using CSS? What is the purpose of the <code>class</code> attribute in CSS?			K4	CO1	10
7.	How can you use PHP to validate form input on a web page? Describe the process and provide an example.			K2	CO3	10
SECTION-C (45 Marks)				15 Marks each		
8.	How XML Schema differs from a DTD? Explain XSL and XSLT, and how are they used to transform XML documents into different formats.			K3	CO3	15
9.	Discuss the importance of AJAX and PHP in web development.			K5	CO4	15
10	Develop a web page containing a simple form for entering the student detail such as name, password, email, address, gender, academic qualification and special skills. Use textbox, radio button, check box, list box and text area wherever necessary.			K4	CO4	15