

**GUJARAT TECHNOLOGICAL UNIVERSITY****BE - SEMESTER-V (NEW) EXAMINATION – WINTER 2023****Subject Code:3151606****Date:07-12-2023****Subject Name:Web Development****Time:10:30 AM TO 01:00 PM****Total Marks:70****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Simple and non-programmable scientific calculators are allowed.

	Marks
<b>Q.1</b> (a) Explain HTTP Request and Response.	<b>03</b>
(b) What is Web security? Explain in details.	<b>04</b>
(c) Explain how basic and nested tables are created using HTML.	<b>07</b>
<b>Q.2</b> (a) Explain types of CSS.	<b>03</b>
(b) Write short note on CSS variables.	<b>04</b>
(c) Create HTML form (Background Color: Red, Font Color: White, also set image) using CSS.	<b>07</b>
<b>OR</b>	
(c) Create Time Table in HTML form using Table Tag.	<b>07</b>
<b>Q.3</b> (a) What is Bootstrap? Why we use it.	<b>03</b>
(b) Explain types of JavaScript.	<b>04</b>
(c) Write the code of JavaScript to make Pop up box.	<b>07</b>
<b>OR</b>	
<b>Q.3</b> (a) Explain Callbacks in JavaScript.	<b>03</b>
(b) Differentiate between the 'BITWISE AND' operator and the 'LOGICAL AND' operator in PHP.	<b>04</b>
(c) Write a PHP script to sort the elements of an array.	<b>07</b>
<b>Q.4</b> (a) What is session Management?	<b>03</b>
(b) Differentiate between for and foreach statements in PHP.	<b>04</b>
(c) What is DOM? Explain with example.	<b>07</b>
<b>OR</b>	
<b>Q.4</b> (a) Difference between Server side programming & Client side programming	<b>03</b>
(b) Describe in details: Cookie and Session	<b>04</b>
(c) What is the use of a constructor function in JavaScript? Explain with suitable example.	<b>07</b>
<b>Q.5</b> (a) Write the benefits of JQuery.	<b>03</b>
(b) Write the limitations of AJAX.	<b>04</b>
(c) Write a program to connect database using PHP. And write query for insert and delete data.	<b>07</b>
<b>OR</b>	
<b>Q.5</b> (a) What are the advantages of AJAX.	<b>03</b>
(b) What are the protocols used by AJAX?	<b>04</b>
(c) Using JQuery write program to create image slider.	<b>07</b>

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