Seat No.: _____   Enrolment No._____

GUJARAT TECHNOLOGICAL UNIVERSITY
BE - SEMESTER–VI (OLD) - EXAMINATION – SUMMER 2017

Subject Code: 161602   **Date: 03/05/2017**

Subject Name: Web Technology and Programming

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.**

Q.1	**(a)**	What is HTTP? What are HTTP request and response?	**07**
	(b)	What do you mean by meta tags? What is its use? Describe with example.	**07**
Q.2	**(a)**	What is cascading style sheet? Write short note on (i) Inline style sheet (ii) External style sheet.	**07**
	(b)	Give the full name of the following acronyms. (i) FTP (ii) XML (iii) TCP (iv) UDP (v) URI (vi) DTD (vii) WML	**07**
		OR	
	(b)	Write a JavaScript program to print first N odd numbers divisible by 7.	**07**
Q.3	**(a)**	What is javascript? What are its uses? Write a javascript code which reads the number from textbox and prints list of numbers starting from 1 on web page.	**07**
	(b)	Design a web page which contains list buttons (car names) and one image element/tag. When particular car name is clicked then image element display chosen car into image tag. Write HTML and javascript for the same	**07**
		OR	
Q.3	**(a)**	What is document object? Show its use in accessing the form elements with example.	**07**
	(b)	Design HTML page with one textbox and image tag. When focus moves from textbox then all characters should be converted to uppercase and when mouse over/out on image then image should be changed. Write JavaScript code for the same.	**07**
Q.4	**(a)**	Explain the PHP session and PHP cookie with an example.	**07**
	(b)	Define the following with reference to XSL 1. value-of 2. if 3.for-each 4. XSL:choose 5. sort 6. XSL:FO 7. xpath	**07**
		OR	
Q.4	**(a)**	How to read directory in PHP? Write sample code for the same and explain it.	**07**
	(b)	What is XML? Explain XML key components.	**07**
Q.5	**(a)**	Write a PHP program to check the number is prime or not.	**07**
	(b)	Write a short note on the following 1. Blog 2. SOAP	**07**
		OR	
Q.5	**(a)**	Explain index and associative array in PHP.	**07**
	(b)	Write a short on the following 1. CGI 2. PERL	**07**

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