

**GUJARAT TECHNOLOGICAL UNIVERSITY****BE - SEMESTER-VI- EXAMINATION – SUMMER 2016****Subject Code:161602****Date:13/05/2016****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 do you mean by “class” and “id” in CSS? Show the use of external CSS with example. **07**  
(b) Explain any seven HTML tags with example. **07**
- OR**
- (b) Write a javascript to code to check whether the given number is prime or not. **07**
- Q.3** (a) How can you perform validation using JavaScript? Show the validation using JavaScript with simple form having name, phone number and email field. **07**  
(b) What do you mean by event in JavaScript? Give at least two examples of events with their handling. **07**
- OR**
- Q.3** (a) What is document object? Show its use in accessing the form elements with example. **07**  
(b) Answer the following questions with respect to JavaScript. **07**  
1. Give the different purpose for which JavaScripts are used.  
2. Writing user defined objects in JavaScript.
- Q.4** (a) Explain the PHP session and PHP cookie with an example. **07**  
(b) Define the following with reference to XSL **07**  
1. value-of      2. if      3.for-each      4. XSL:choose  
5. sort      6. XSL:FO      7. xpath
- OR**
- Q.4** (a) How to read and write file in PHP? Explain with example. **07**  
(b) Explain DTD and Schema with example. **07**
- Q.5** (a) Write a PHP program to makr sum of 100 even numbers. **07**  
(b) Write a short note on the following **07**  
1. Blog  
2. SOAP
- OR**
- Q.5** (a) How to read and write file in PHP? Explain with example. **07**  
(b) Write a short on the following **07**  
1. CGI  
2. PERL

\*\*\*\*\*