

## GUJARAT TECHNOLOGICAL UNIVERSITY

### BE - SEMESTER-VI (OLD) • EXAMINATION – WINTER 2017

**Subject Code:161602**
**Date: 13-11-2017**
**Subject Name: Web Technology and Programming**
**Time: 02:30 pm to 05:00 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 meta tags? What are their purposes? Explain different meta tags in HTML with example. **07**

**(b)** What is HTML table? Explain table element with necessary attributes. **07**  
 Write HTML code to print following table.

One		Two
Three	Four	Six
	Five	
Seven	Eight	

**Q.2 (a)** Explain architecture of browser. **07**

**(b)** Explain Web design issues. **07**

OR

**(b)** How Web service is different than website? Explain each element of WSDL file. **07**

**Q.3 (a)** Write a JavaScript program which read number and check whether that number is prime or not? **07**

**(b)** What do you mean by “class” and “id” in CSS? Show the use of external CSS with example. **07**

OR

**Q.3 (a)** What is Document Object Model? Explain the various objects in Document Object Model. **07**

**(b)** Write a short note on Web Feeds and Blogs. **07**

**Q.4 (a)** Explain following HTML tags with their important attributes. **07**  
 i. <form> ii. <frameset> and <frame> iii. <img>

**(b)** Write a PERL program to process form data on server side. **07**

OR

**Q.4 (a)** Write XSL code to print XML books records details in tabular format which has price range between 500Rs. to 1500Rs. **07**

**(b)** Write a PHP program to store user registration information( like user-name, address, Date of Birth, age, pan card, gender) with mysql database and display that details on view screen in tabular manner. **07**

**Q.5 (a)** Write a PHP program that receives the value of N using HTML form and displays the first N Fibonacci numbers as HTML list. **07**

**(b)** Design a form using html and JavaScript to collect the details from the user such as name, gender (Radio Button), address, state, city. Create a dynamic drop down list for state and based on state another drop down list contains list of cities for that state. **07**

OR

**Q.5 (a)** Explain the PHP session and PHP cookie with an example. **07**

**(b)** Write php code to upload image file. **07**

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