

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

BE- VIth SEMESTER-EXAMINATION – MAY- 2012

Subject code: 161602

Date: 22/05/2012

Subject Name: Web Technology and Programming

Time: 10:30 am – 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? Give the limitations of HTTP. **07**

(b) What do you mean by meta tags? What is its use? Describe with example. **07**

Q.2 (a) Describe the following. **07**

1. XHTML
2. Classes in CSS

(b) What is an HTML form? How can you access the form data in php page? Explain with suitable example. **07**

OR

(b) Explain the use of HTML table element for designing the web page layouts with appropriate examples. **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) Show the use of window object for controlling your browser. **07**

OR

Q.3 (a) What is document object? Show its use in accessing the form elements with example. **07**

(b) Explain the key components of the XML with suitable examples. **07**

Q.4 (a) Write a PHP program that receives the value of N using HTML form and displays the first N Fibonacci numbers as HTML list. **10**

(b) Explain the PHP arrays with example. **04**

OR

Q.4 (a) What is session? How do php manage the sessions? Give an example to store and retrieve, your age as session variable **10**

(b) What is blog? What is its use? **04**

Q.5 (a) What is CGI? How does web server and CGI program interact? List the important CGI environment variables. **07**

(b) What is cookie? Explain the setcookie() function in PHP with meaning of all the arguments. **07**

OR

Q.5 (a) Write a PERL program to accept the two numbers from the HTML form and display its sum. **07**

(b) Describe the following. **07**

1. Web service
2. RSS
