

Seat No.: \_\_\_\_\_

Enrolment No. \_\_\_\_\_

## GUJARAT TECHNOLOGICAL UNIVERSITY

BE- VI<sup>th</sup> 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

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