

GUJARAT TECHNOLOGICAL UNIVERSITY
BE – SEMESTER – VI (OLD).EXAMINATION – WINTER 2016

Subject Code: 160705

Date: 24/10/2016

Subject Name: Web Application Development

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)** i) Explain HTTP and FTP. **04**
ii) What is Web Browser? Draw the architecture of a browser and give the function of each component. **03**
- (b)** i) What is Site map in website? What is its purpose? **03**
ii) List and explain the different steps for planning a website. **04**
- Q.2 (a)** What is HTML Form? What is its purpose? Explain the “action” and “method” attributes of form? **07**
- (b)** i) Differentiate between HTML and XHTML. **04**
ii) Explain the document structure of XHTML. **03**
- OR**
- (b)** What do you understand by Meta tag? Explain its uses with example. **07**
- Q.3 (a)** What is CSS? Explain the different types of CSS? **07**
- (b)** Explain ordered list and unordered list with example. **07**
- OR**
- Q.3 (a)** Write an Internal CSS with following rules. **07**
i) Paragraph with font-family times new roman, size 150%.
ii) Text capitalized and underline with indent of 1 cm.
Make its use in body part of your sample html page.
- (b)** Explain XSL and XSLT with example. **07**
- Q.4 (a)** What is id selector and class selector in CSS? Explain it with example. **07**
- (b)** Write an External CSS with following rules. **07**
i) To make all the headers with normal font and having size 150%.
ii) To display the paragraphs in arial font with bold style.
Show the use of above css with html file by linking it.
- OR**
- Q.4 (a)** What is validation in JavaScript? Write a JavaScript program to validate an Email address. **07**
- (b)** What is Object in JavaScript? Write a JavaScript program using object to find the area of circle, rectangle and triangle. **07**
- Q.5 (a)** What is Window object ? Explain its object hierarchy? **07**
- (b)** What is PHP? Write a PHP program to find the number is odd or even. **07**
- OR**
- Q.5 (a)** Explain blog and Web feeds. **07**
- (b)** How can you connect to database in PHP? Show the Different database operation with example. **07**
