

**GUJARAT TECHNOLOGICAL UNIVERSITY****BE - SEMESTER-VI(OLD) – EXAMINATION – SUMMER 2019****Subject Code:160705****Date:14/05/2019****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) Enlist & Explain the website design principles. **07**  
(b) What do you mean by browser? Explain HTTP and FTP. **07**

- Q.2** (a) Explain ordered and unordered list with example. **07**  
(b) What is a HTML form? Explain radio button and Checkbox element with example. **07**

**OR**

- (b) What do you understand by Meta tag? Explain its uses with example. **07**
- Q.3** (a) Explain the following tags with example. **07**  
1) <ul> 2) <ol> 3) <rowspan> 4) <colspan> 5) <a href>  
(b) What do you mean by “class” and “id” in CSS? Explain with Example. **07**

**OR**

- Q.3** (a) Differentiate following. **07**  
1. HTML and XHTML  
2. GET and POST  
(b) What is CSS? Explain the different types of CSS. **07**
- Q.4** (a) What is document object model? Explain any two objects with example. **07**  
(b) What is validation in JavaScript? Write a JavaScript program to validate an Email address. **07**

**OR**

- Q.4** (a) Explain XSL and XSLT with example. **07**  
(b) What is web service? What is role of SOAP in web service? Explain with example. **07**
- Q.5** (a) Explain RSS elements and Blog. **07**  
(b) What is PHP? Write a PHP program to find the number is odd or even. **07**

**OR**

- Q.5** (a) Write PHP code for database connectivity. Apply insert and delete operation with proper example. **07**  
(b) What is session? Explain PHP session management. **07**

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