

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VI (OLD) - EXAMINATION – SUMMER 2018

Subject Code:160705

Date:01/05/2018

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)** Discuss the following with respect to Web Design. **07**
1. Look and Feel
2. Effective Navigation
3. Browser and Operating system
- (b)** What is HTTP? How do browser and server communicate using HTTP request and response? Explain with example. **07**
- Q.2 (a)** Explain ordered list and unordered list in HTML with example. **07**
(b) What is HTML form? Design a simple HTML form for registration of a student. **07**
- OR**
- (b)** What is HTML table? Explain table element <td>, <tr>, <rowspan> and <colspan> with necessary attributes. **07**
- Q.3 (a)** What do you mean by “class” and “id” in CSS? Explain with Example. **07**
(b) What is CSS? Explain the different types of CSS. **07**
- OR**
- Q.3 (a)** Explain Document type Definitions in XML. **07**
(b) Explain following XSL (XML style sheet Element): **07**
1. value-of
2. for-each
3. sort
- Q.4 (a)** What is web service? What is role of SOAP in web service? Explain with example. **07**
(b) What is document object model? Explain any two objects with example. **07**
- OR**
- Q.4 (a)** Explain RSS elements and Blog. **07**
(b) What is client side scripting? Write an HTML and JavaScript program which accepts N as input and print N Fibonacci numbers as list. **07**
- Q.5 (a)** What are the different types of arrays in PHP? Explain with examples. **07**
(b) What is PHP? Write a PHP script to check given number is odd or even. **07**
- OR**
- Q.5 (a)** How can you connect to database in PHP? Explain database connectivity in PHP with example. **07**
(b) What is session? Explain PHP session management. **07**
