

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

Subject Code: 2160708

Date: 26/10/2016

Subject Name: Web Technology

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)** What is HTTP? How do browser and server communicate using HTTP request and response? Explain with example. **07**
- (b)** Difference between HTML and XHTML **07**
- Q.2 (a)** Describe web design issues. How developer can design website effectively? **07**
- (b)** What is positioning in CSS?. Explain it with example. **07**
- OR**
- (b)** Explain pop-up boxes in javascript with example. **07**
- Q.3 (a)** Write an XSL file to print list of products which has price < 300 Rs. for item.xml file in tabular structure. **07**
- (b)** What is metatag? Explain it with example. **07**
- OR**
- Q.3 (a)** Design HTML form which include two fields username and password. Write javascript code to show and hide password. **07**
- (b)** What do you mean by class and id in CSS? Show the use of external CSS with example. **07**
- Q.4 (a)** Write a Javascript to check mobile number (mobile no. should start with 9 or 8). **07**
- (b)** Write short note on Blogs and Web feeds **07**
- OR**
- Q.4 (a)** Design a login form using HTML & Javascript with following validations on username and password fields. **07**
1. Password length must be 6 to 12 characters
 2. Username should not start with _, @ or number.
 3. Both should not be blank.
- (b)** What is DTD and XML Schema? Explain Xml Schema with example. **07**
- Q.5 (a)** What are the key components of XML. **07**
- (b)** Write php code to create database state, create table city(cityname, area, population) and insert data from table. **07**
- OR**
- Q.5 (a)** What is session and cookie in php? Create session and session parameter using php code. **07**
- (b)** Write php code to read from a file and display it in browser **07**
