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 seesion and session parameter using php code.	**07**
	(b)	Write php code to read from a file and display it in browser	**07**

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