

GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER-VI (NEW) EXAMINATION – SUMMER 2023****Subject Code:2160708****Date:12-07-2023****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.
4. Simple and non-programmable scientific calculators are allowed.

- Q.1** (a) Explain the points which should be considered for planning a website **07**
(b) Give full name of followings: 1) DOM 2) TCP 3) RSS 4) ISP 5) XSD 6) HTTP 7) FTP **07**
- Q.2** (a) What are frames? List out its advantages and disadvantages with example.. **07**
(b) What is navigation? Discuss the characteristics of effective navigation. Also write code of html page to open a link in a new browser window. **07**
- OR**
- (b) Differentiate between **07**
1) HTML vs XHTML
2) GET vs POST
- Q.3** (a) Draw and explain architecture of web browser. **07**
(b) Write HTML and CSS code for the following: **07**
(i) Set color of visited link to "green".
(ii) Set background color of paragraph to "yellow"
(iii) Set list style for unordered lists to "square".
(iv) Set "calendar.jpeg" as the repeated background image of the page.
- OR**
- Q.3** (a) List and Explain types of CSS with Example. **07**
(b) Write a HTML code to design Registration form to collect details of a user such as first name, last name, address, gender, hobby, date of birth (use appropriate input controls) **07**
- Q.4** (a) Write Well formed XML file to store book information. **07**
(b) Explain in brief about XSL and XSLT with example. **07**
- OR**
- Q.4** (a) Explain the importance of XML in web applications. What are the advantages of XML over HTML? **07**
(b) What are the different types of arrays in PHP? Explain with example to process the arrays in PHP. **07**
- Q.5** (a) Explain features of PHP? Discuss various types of control statements in PHP. **07**
(b) What is query string? How is it transmitted to the server with the GET and POST methods? **07**
- OR**
- Q.5** (a) Explain session in PHP with proper example. **07**
(b) Explain index and associative arrays in PHP. **07**
