# GUJARAT TECHNOLOGICAL UNIVERSITY
## BE - SEMESTER–VI(NEW) – EXAMINATION – SUMMER 2019

**Subject Code:2160708**                                        **Date:18/05/2019**

**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.

|  |  |  | MARKS |
|---|---|---|---|
| **Q.1** | **(a)** | Give full name of followings:<br>1) DOM  2) TCP  3) RSS  4) ISP  5) XSD  6) HTTP | **03** |
|  | **(b)** | What are frames? List out its advantages and disadvantages. | **04** |
|  | **(c)** | Create HTML Page with JavaScript which takes Integer number as input and tells whether the number is Prime or Not. | **07** |
| **Q.2** | **(a)** | XHTML is stricter language than HTML. Justify. | **03** |
|  | **(b)** | Write HTML code to display following irregular table. | **04** |

| A | B | C | D | E | | |
|---|---|---|---|---|---|---|
|  | F | G |  | I | E | |
|  | J | K | H | L | M | N |
| O | J | P |  | Q | | |

|  |  |  | MARKS |
|---|---|---|---|
|  | **(c)** | Describe the web design issues. | **07** |

**OR**

|  |  |  |  |
|---|---|---|---|
|  | **(c)** | What do you mean by event in JavaScript? Give at least two examples of events with their handling. | **07** |
| **Q.3** | **(a)** | What is meta tag? How it is useful by search engine? | **03** |
|  | **(b)** | What is Cascading Style Sheet? Compare inline, embedded and external style sheet with example. | **04** |
|  | **(c)** | Explain the key components of the XML with suitable examples. | **07** |

**OR**

|  |  |  |  |
|---|---|---|---|
| **Q.3** | **(a)** | Define the following with reference to XSL:<br>1) value-of 2) for-each 3) sort | **03** |
|  | **(b)** | List and explain various list tags in HTML with example. | **04** |
|  | **(c)** | Write and explain rules for well formed XML document. | **07** |
| **Q.4** | **(a)** | List features of Web 2.0. | **03** |
|  | **(b)** | Briefly explain following: 1) Web server 2) Blogs | **04** |
|  | **(c)** | Develop XML File for book record and also write a DTD and XSL for it. | **07** |

**OR**

|  |  |  |  |
|---|---|---|---|
| **Q.4** | **(a)** | What is FTP? Mention functionality of various FTP commands in brief. | **03** |
|  | **(b)** | Briefly explain following: 1) SOAP 2) Web Feeds | **04** |
|  | **(c)** | Write a Java Script to read data from XML File and print it in tabular manner. | **07** |
| **Q.5** | **(a)** | Explain cookie in PHP with example. | **03** |
|  | **(b)** | Explain index and associative arrays in PHP. | **04** |
|  | **(c)** | Write a PHP program to store user registration (user-name, address, Date of Birth, age, pan card, gender) with mysql database. | **07** |

**OR**

| | | | |
|---|---|---|---|
| **Q.5** | **(a)** | Explain session in PHP with example. | **03** |
| | **(b)** | Explain the use of following arrays in PHP.<br>1) $_REQUEST [ ] 2) $_SERVER[ ] | **04** |
| | **(c)** | Write PHP program to print following pattern: | **07** |

1
01
101
0101
10101

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