

GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER-VI (NEW) EXAMINATION – WINTER 2018****Subject Code:2160708****Date:30/11/2018****Subject Name:Web Technology****Time: 02:30 PM TO 05:00 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 form of following acronym.
1) HTTP 2) SOAP 3) DTD | 03 | | | | | | | | | |
| (b) Explain the points which should be considered for planning a website. | 04 | | | | | | | | | |
| (c) Write HTML code for creating following table. | 07 | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">January</td> <td style="width: 33%;"></td> <td style="width: 33%;">Febuary</td> </tr> <tr> <td>March</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td></td> <td style="text-align: center;">3</td> <td style="text-align: center;">4</td> </tr> </table> | | January | | Febuary | March | 1 | 2 | | 3 | 4 |
| January | | Febuary | | | | | | | | |
| March | 1 | 2 | | | | | | | | |
| | 3 | 4 | | | | | | | | |
| Q.2 (a) Explain Ordered list with example. | 03 | | | | | | | | | |
| (b) Differentiate between
1) HTML vs XHTML
2) GET vs POST | 04 | | | | | | | | | |
| (c) Design Login Page HTML. Page must have fields in page Username, Password, Remember Me and Login Button. | 07 | | | | | | | | | |
| OR | | | | | | | | | | |
| (c) Design Registration page in HTML. | 07 | | | | | | | | | |
| Q.3 (a) Explain Meta Tag. | 03 | | | | | | | | | |
| (b) Differentiate between “ID” and “Class” using suitable example. | 04 | | | | | | | | | |
| (c) List and Explain types of CSS with Example. | 07 | | | | | | | | | |
| OR | | | | | | | | | | |
| Q.3 (a) Draw and Explain Web Browser Architecture. | 03 | | | | | | | | | |
| (b) Explain pop-up boxes in JavaScript with example. | 04 | | | | | | | | | |
| (c) Write Java Script to validate Mobile Number.
1) Entered value must be numeric
2) 10 digit length | 07 | | | | | | | | | |
| Q.4 (a) Write the difference between Client Side Scripting and Server Side Scripting. | 03 | | | | | | | | | |
| (b) Explain any two types of events in Java Script with Example. | 04 | | | | | | | | | |
| (c) Write Java Script for find first 10 prime numbers. | 07 | | | | | | | | | |
| OR | | | | | | | | | | |
| Q.4 (a) Explain DTD (Document Type Definition). | 03 | | | | | | | | | |
| (b) Explain following XSL Elements with suitable example.
1) value-of
2) sort | 04 | | | | | | | | | |
| (c) Write Well formed XML file to store student information. | 07 | | | | | | | | | |

- Q.5** (a) Explain the Document Object Model with example. **03**
(b) Write a PHP program to find whether entered year is leap year or not. **04**
(c) Explain Session & Cookie in PHP with proper example. **07**
- OR**
- Q.5** (a) Explain Browser detection PHP with Example. **03**
(b) How to write in PHP? Explain with example **04**
(c) Explain database connectivity in PHP with example. **07**