

GUJARAT TECHNOLOGICAL UNIVERSITY

M.SC(IT)- INTEGRATED – SEMESTER I- EXAMINATION –WINTER-2024

Subject Code: 1310505

Date: 24/12/2024

Subject Name: Internet and 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. Use of simple calculators and non-programmable scientific calculators are permitted.

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|-----------|-----|--|----|
| Q.1 | (a) | Explain the use of web server. | 03 |
| | (b) | Explain HTTP and URL in detail. | 04 |
| | (c) | Explain client server architecture in detail. | 07 |
| Q.2 | (a) | Explain the use of web browser. | 03 |
| | (b) | Explain web page layout. | 04 |
| | (c) | Explain planning and publishing of website. | 07 |
| OR | | | |
| | (c) | What is computer network? Explain its types in detail. | 07 |
| Q.3 | (a) | Explain style attribute of HTML. | 03 |
| | (b) | Explain Input tag with example. | 04 |
| | (c) | Explain use of graphics on a Web Page in detail. | 07 |
| OR | | | |
| Q.3 | (a) | Explain HTML links with attributes. | 03 |
| | (b) | Explain text alignment & formatting with example. | 04 |
| | (c) | Discuss various web design issues. | 07 |
| Q.4 | (a) | Explain inline CSS. | 03 |
| | (b) | Explain CSS font properties with example. | 04 |
| | (c) | Explain HTML form tag in detail with example. | 07 |
| OR | | | |
| Q.4 | (a) | Discuss advantages and disadvantages of CSS. | 03 |
| | (b) | What is CSS? Explain the use of class selector with example. | 04 |
| | (c) | Explain HTML table in detail with example. | 07 |
| Q.5 | (a) | List out HTML events handled by JavaScript. | 03 |
| | (b) | Explain user defined function in detail. | 04 |
| | (c) | Create an HTML page to display your bio data and a contact us form. | 07 |
| OR | | | |
| Q.5 | (a) | Explain html DOM. | 03 |
| | (b) | Explain JavaScript objects in detail. | 04 |
| | (c) | Create an HTML page for student registration using JavaScript and CSS. | 07 |