# R.N.G.PATEL INSTITUTE OF TECHNOLOGY-RNGPIT
## *(An Autonomous College U/s UGC Act 1956)*

### IMSc-IT SEMESTER-I, SEMESTER REMEDIAL EXAMINATION – SUMMER 25

| | |
|---|---|
| **Subject Code: 1BS105** | **Date: 11-06-2025** |
| **Subject Name: INTRODUCTION TO WEB DESIGNING** | |
| **Time: 11:00 AM TO 01:30 PM** | **Total Marks: 70** |

**Instructions**

1. It is **compulsory** for students to write **Enrolment No. /Seat No.** on the question paper.
2. Write answers of **Section A** and **Section B** in **separate answer books**.
3. Attempt all questions from both **Section A** and **Section B**.
4. Each section carries **35 marks**, with a total of **70 marks** for the examination.
5. The figures to the right of each question indicate full marks, make suitable assumptions with justification.
6. BL - Bloom's Taxonomy Levels (R-Remember, U-Understanding, A –Application, N –Analyze, E – Evaluate, C -Create), CO - Course Outcomes.

## SECTION A

| | | Marks | BL | CO |
|---|---|---|---|---|
| **Q.1** | **Multiple-Choice Questions** | **[05]** | | |
| | **(a)** The first line of HTTP request message is called? | 1 | U | 1 |

      **(i)** Entity Line        **(ii)** Header Line

      **(iii)** Status Line        **(iv)** Request Line

| | | Marks | BL | CO |
|---|---|---|---|---|
| | **(b)** Which of the following is used to read a HTML page and render it? | 1 | U | 1 |

      **(i)** Web Server        **(ii)** Web Browser

      **(iii)** Web Matrix        **(iv)** None of the mentioned

| | | Marks | BL | CO |
|---|---|---|---|---|
| | **(c)** What is the purpose of browser cache in web design? | 1 | R | 2 |

      **(i)** To reduce page color contrast        **(ii)** To store copies of web pages for faster loading

      **(iii)** To delete user history        **(iv)** To block website access

| | | Marks | BL | CO |
|---|---|---|---|---|
| | **(d)** A sitemap helps to: | 1 | U | 2 |

      **(i)** Increase image resolution        **(ii)** Plan website color schemes

      **(iii)** Organize website structure for easy navigation        **(iv)** Track user passwords

**(e)** Which element is used to give title to a table?　　　**1**　**R**　**4**

　**(i)** Caption　　　　　　　　**(ii)** Headline

　**(iii)** Title　　　　　　　　**(iv)** Heading

**Q.2**　**Attempt Any Two**　　　　　　　　　　　　　**[10]**

　**(a)** What is a Virtual Private Network (VPN)? How does it enhance the security　**5**　**A**　**1**
　and privacy of Internet users?

　**(b)** Explain HTTP in detail.　　　　　　　　　　**5**　**U**　**1**

　**(c)** What is network topology? Explain different type of topologies.　　**5**　**U**　**1**

**Q.3**　**Attempt Any Two**　　　　　　　　　　　　　**[10]**

　**(a)** Explain key principles of effective web design.　　　　**5**　**U**　**2**

　**(b)** Describe the role of user-centric web design. How can it improve the site?　**5**　**U**　**2**

　**(c)** Compare the impact of good vs. poor website layout on user engagement.　**5**　**A**　**2**

**Q.4**　**Attempt Any Two**　　　　　　　　　　　　　**[10]**

　**(a)** Explain SVG in detail.　　　　　　　　　　**5**　**U**　**4**

　**(b)** Explain Canvas in detail.　　　　　　　　　**5**　**A**　**4**

　**(c)** What is image? Explain Image upload in detail.　　　　**5**　**R**　**4**

# SECTION B

| | | Marks | BL | CO |
|---|---|---|---|---|

**Q.5** **Multiple-Choice Questions** **[05]**

**(a)** Which HTML tag is used to create an unordered list? **1** **U** **3**

    **(i)** <ul>     **(ii)** <li>

    **(iii)** <ol>     **(iv)** <lu>

**(b)** Which tag is used to insert an image in a webpage? **1** **R** **3**

    **(i)** <image>     **(ii)** <src>

    **(iii)** <img>     **(iv)** <images>

**(c)** How do you create a hyperlink in HTML? **1** **U** **3**

    **(i)** <a>link</a>     **(ii)** <a href="url">Link Text</a>

    **(iii)** <hyperlink src="url">     **(iv)** <link href="url">

**(d)** Which tag is used to define internal CSS in HTML? **1** **U** **5**

    **(i)** <style>     **(ii)** <sheet>

    **(iii)** <css>     **(iv)** <design>

**(e)** In CSS, a class selector is defined using which symbol? **1** **U** **5**

    **(i)** . (Dot)     **(ii)** @

    **(iii)** #     **(iv)** : (Colon)

**Q.6** **Attempt Any Two** **[10]**

**(a)** Explain steps for publishing a website. **5** **U** **3**

**(b)** Explain HTML elements and attributes in detail. **5** **R** **3**

**(c)** Explain Text formatting in detail. **5** **A** **3**

**Q.7** **Attempt Any Two** **[10]**

**(a)** Explain types of CSS in detail. **5** **R** **5**

**(b)** Explain Font properties of CSS. **5** **U** **5**

**(c)** Explain features of Style Sheet in detail. **5** **U** **5**

**Q.8** **Attempt Any Two** [10]

    **(a)** Explain Form in detail.      5    R    3

    **(b)** Explain Table with example.      5    A    3

    **(c)** Explain Font formatting with example.      5    A    3

**\*\*\*\*\*\*\*\*\*\*\*\*\***