Reg.No. \_\_\_\_\_\_\_\_\_\_\_\_

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**End Semester Examination – Nov/Dec – 2018**

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| **Code :** | **16CA2001** | **Duration :** | **3hrs** |
| **Sub. Name :** | **PRINCIPLES OF WEB PROGRAMMING** | **Max. marks :** | **100** |

**ANSWER ALL QUESTIONS (5 x 20 = 100 Marks)**

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| **Q. No.** | **Sub Div.** | **Questions** | **Course**  **Outcome** | **Marks** |
| 1. | a. | Describe the following components of client server technology  a. Server – Side b. Client Side c. Network. | CO1 | 10 |
| b. | Explain the category of websites based upon the organization with examples. | CO1 | 10 |
| (OR) | | | | |
| 2. |  | Discuss the various rules that need to be considered when designing a website. | CO1 | 20 |
|  |  |  |  |  |
| 3. | a. | Explain the Structure of a HTML program with example. | CO1 | 10 |
| b. | Explain the various heading tags in HTML with example. | CO1 | 10 |
| (OR) | | | | |
| 4. | a. | Explain how a table can be created in HTML. Design a 3 x 3 matrix with border using the table tag. | CO2 | 10 |
| b. | Explain the use of frames in HTML with examples. | CO2 | 10 |
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| 5. | a. | Explain with example HTML code the tags used to embed  multimedia content in a webpage. | CO2 | 10 |
| b. | Create a webpage using HTML forms to conduct an online poll for a marketing company (Choose your own product). | CO4 | 10 |
| (OR) | | | | |
| 6. | a. | Explain with suitable examples how colours can be added to a form using  a.Color names b. Hex values c. RGB configuration. | CO3 | 10 |
| b. | Explain the use of button element in a HTML form with examples. | CO3 | 10 |
|  |  |  |  |  |
| 7. | a. | Discuss the need to use stylesheet with a HTML page with an example . | CO5 | 10 |
| b. | Create a CSS page to set different colours for the headings h1 to h6. | CO4 | 10 |
| (OR) | | | | |
| 8. | a. | Explain in detail the following CSS selectors.  i) The universal selector ii) The type selector iii) The class selector  iv) The id selector v) The child selector. | CO4 | 10 |
| b. | Explain the different font and text styles that can be used in CSS. | CO4 | 10 |
|  | |  |  |  |  |
|  | | **Compulsory**: |  |  |  |
| 9. | a. | Explain with example how List can be created and the styles can be changed in CSS. | CO4 | 10 |
| b. | Create a list of menu items in a hotel using CSS list style properties. | CO6 | 10 |