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



**End Semester Examination – Nov / Dec – 2019**

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| **Code :** | **14CS2052** | **Duration :** | **3hrs** |
| **Sub. Name :** | **WEB TECHNOLOGY** | **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. | Design a web page with the following features.  i) Image  ii) Hyperlink  iii) Order List  iv) Un order List. | CO1 | 5 |
| b. | Design the following table with HTML 5 tags. | CO1 | 15 |
| **(OR)** | | | | |
| 2. | a. | Design a student registration page for NAD using HTML 5 elements. | CO1 | 15 |
| b. | Use image map in HTML 5 to link the sun and mercury to the google page for the following image. | CO1 | 5 |
|  |  |  |  |  |
| 3. | a. | Explain CSS box model layout and its properties. | CO1 | 10 |
| b. | Explain how the element will be positioned on a webpage with CSS position property. Write HTML and CSS code to design the following layout. (Use only CSS position property for positioning). | CO1 | 10 |
| **(OR)** | | | | |
| 4. | a. | Illustrate the CSS selectors with suitable example for each. | CO1 | 10 |
| b. | Describe the different ways of including the style sheet in a HTML page with the following condition:   1. Include three sectioning tags 2. The first section tag should contain the properties such as background color, padding, and margin 3. The second section tag should contain the properties such as background color and position 4. The third section tag should contain the properties such as border, float, width, and height. | CO1 | 10 |
|  |  |  |  |  |
| 5. |  | Demonstrate the control statement in JavaScript for displaying even numbers from 100 to 200 and display the number 152 in alert box in JavaScript. | CO1 | 20 |
| **(OR)** | | | | |
| 6. | a. | Create a University instance object using function template in JavaScript. The object must contain the following properties such as name, number of departments, number of students, number of faculties and accreditations. The object must include a function to display the number of students and faculties in the university. | CO1 | 15 |
| b. | Write a JavaScript code snippet for retrieving the value from two textbox to find the sum and display it inside the DIV element. | CO1 | 5 |
|  |  |  |  |  |
| 7. |  | Insert the following table inside the mysql database “KITS\_CSE” in table “student”. Also update the test-2 mark of Joshua to 39, and delete the student Moses. Finally display the student detail in table format using PHP.   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **Reg. No.** | **Student Name** | **Test 1** | **Test 2** | **Test 3** | **QA** | | URXXCS001 | Joshua A | 32 | 37 | 39 | 10 | | URXXCS002 | Daniel B | 25 | 27 | 35 | 9 | | URXXCS003 | Moses S | 35 | 38 | 40 | 10 | | CO2 | 20 |
| **(OR)** | | | | |
| 8. | a. | Illustrate any five super global variables of PHP with the context of using $\_SESSION and $\_COOKIE. | CO2 | 10 |
| b. | Explain the object oriented concepts in PHP and demonstrate inheritance with suitable example. | CO2 | 10 |
|  | | **Compulsory**: |  |  |
| 9. | a. | Create an XML document to describe the Tamil Nadu government organization for each district and apply CSS formatting to view the same. | CO3 | 10 |
| b. | Describe how does AJAX update the web pages asynchronously by exchanging small amounts of data with the server behind the scenes. | CO3 | 10 |