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| **VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY, MADURAI – 625 009** |
| **Department of Computer Science and Engineering** |
| **INTERNAL ASSESSMENT - I** |

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| **Branch** | CSE | **Year/Sem./Sec.** | II/IV/A,B&C |
| **Course Code** | **21CS209** | **Date** | 28-02-2024 |
| **Course Name** | **Theory of computation** | **Max. marks** | 50 |
| **Course Incharge** | Mrs.S.PadmaDevi , Ms.J.ShanthalakshmiRevathy,Mrs. C.Swedheetha | **Time** | 01:30 Hours |

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| **PART A (Answer All Questions) (8 X 2 = 16)** | | | | |
| **Sl.No** | **Questions** | **K** | **CO** | **Marks** |
| 1 | Explain the html tags to play audio and video files in web browsers. | K2 | CO1 | 2 |
| 2 | Summarize the HTML tags and elements the same thing? | K1 | CO1 | 2 |
| 3 | How to specify the link in HTML and explain the target attribute. | K1 | CO1 | 2 |
| 4 | How are external style sheets useful in web page design? | K1 | CO1 | 2 |
| 5 | Outline the CSS rule to add a transition effect for both width and height property of a square | K2 | CO1 | 2 |
| 6 | Infer @keyframe rule of CSS3 animation. | K2 | CO1 | 2 |
| 7 | Outline the JavaScript code to print “Good Day” using IF-ELSE condition | K2 | CO2 | 2 |
| 8 | Demonstrate a java script program when a mouse moves over the image, the image have to be changed | K2 | CO2 | 2 |

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| **PART B (Answer All Questions) (2 X 13 = 26)** | | | | |
| **Sl.No** | **Questions** | **K** | **CO** | **Marks** |
| 9 | Explain the structure of HTTP request and response messages. | K2 | CO1 | 13 |
| OR | | | | |
| 9 | Explain in detail different parts of the Box model with property and values. | K2 | CO1 | 13 |
| 10 | Demonstrate with JavaScript to do the following. These can all be on one page.  (a) Prompt the user for their name.  (b) Use a pop-up box to welcome the user by name.  (c) Display the current date on the page in the following format: April 30, 2014. Do not display the time. Do not "hardcode" the date; if the page loaded tomorrow,it should get a different date than if it loaded today.  (d) Display the last modified date of the document. | K2 | CO2 | 13 |
| OR | | | | |
| 10 | (i) Illustrate Date Object and User defined Objects with example program  (ii) Explain in detail about String methods. | K2 | CO2 | 13 |

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| **PART C (Answer All Questions) (1 X 8 = 8)** | | | | |
| **Sl.No** | **Questions** | **K** | **CO** | **Marks** |
| 11 | Develop a HTML document to create an order information form. The Page has to request name, address, and credit card information and contact information. It should provide a menu from which type of credit card has to be selected. The default selection should be “Select a credit card”. There should be fields for entering the card number and expiration date. Furthermore there should be a check box, initially checked that is labeled “please keep me informed about future product offerings”. Provide options for submit and form clearance. | K3 | CO1 | 8 |
| OR | | | | |
| 11 | Design the following table using HTML5 | K3 | CO1 | 8 |