

**SSN College of Engineering, Kalavakkam**  
**Department of Computer Science and Engineering**  
**VI Semester - CSE 'C'**  
**UCS1611 INTERNET PROGRAMMING LAB**

**Academic Year: 2020-2021**

**Batch: 2018-2022**

**Faculty: Dr. A. Beulah**

**Due Date: 25.2.21, 2.3.21**

**Exercise 3: JavaScript event handling mechanisms, DOM**

Generate a registration form for a hospital to register new patient details as below:

- a. Assign a title for the registration form(TextView- textSize, textStyle , typeface)
- b. Name. Specify some font and colour. (text, onfocus, onblur, oninvalid)
- c. Address (textarea, onselect)
- d. Age (onkeypress)
- e. Date of Birth (date)
- f. Gender (RadioButton)
- g. Marital Status (select, onchange)
- h. Contact Number (oninvalid)
- i. Addiction (text area, use drag and drop from a list-select)
- j. Display a digital clock on the top right corner of the webpage
- k. Submit (Button, onclick create a new page and display the contents in table format)
- l. Reset (Button, onclick)

Validate the form elements. Ex: Name should be only alphabet, address only alpha-numeric character. “required” for all fields etc.

Write a JS program to develop a memory matching game.

- a. Display a timer, Score card.
- b. Arrange even number of pairs. (Minimum 5)

- c. Shuffle the cards, face down, in rows.
- d. Score card changes whenever a pair is found.
- e. On click a card, it should flip (event handling).
- f. When a match is found, remove the cards using DOM.
- g. Set 3 levels.
- h. When the player moves to next level, set a new timer with less time duration.
- i. Mandatory concepts – Event handling, DOM.