# TMC–106

## M. C. A. (FIRST SEMESTER)
## MID SEMESTER
## EXAMINATION, Nov., 2022

### SCRIPTING LANGUAGES

### Time : 1½ Hours

### Maximum Marks : 50

**Note :** (i) Answer all the questions by choosing any *one* of the sub-questions.

(ii) Each sub-question carries 10 marks.

1. (a) Explain the layout structure of HTML document in detail. Classify all the formatting tags in terms of inline and block level elements. (CO1)

*P. T. O.*

OR

(b) Differentiate between <frame> and <iframe> in HTML ? Create an html page named as "frame 1 .html". Divide the page into three columns of 25%, 50% & 75% size. Divide the second 50% size column into two rows of 50%, 50%. In the first 50% size row call the hyperlink "link 1 .html" and the second 50% size row call the hyperlink "link2.html" and make the pages to be get displayed on the column of 25% size and 75% size respectively.(CO1)

2. (a) Explain the following HTML tags with all the attributes and suitable example : (CO1)

   (i) meta information

   (ii) list

   (iii) <audio>

   (iv) <table>

   (v) <div> and <span>

OR

(b) Embed the map of India on the web page and create hot spot on the states UP and Uttarakhand using circular shape area and a rectangular shape area with title UP and Uttarakhand while selecting, and link the states with the official websites of the respective states. Assume dummy coordinates of the states.      (CO1)

3. (a) How many ways you can apply CSS styles to a web page. Create a web page which includes following properties on any element :                              (CO2)

   (i) Font color, font size and font family using inline CSS.

   (ii) Text decoration, text shadow and text transform using internal CSS.

   (iii) Background color and background repeat using External CSS.

**OR**

(b) Create a web page which contains four <div> elements and implement all CSS positioning properties to properly position these elements and create layers of elements from one to four where the z-index can vary accordingly.    (CO2)

4. (a) What do you mean by pseudo classes in CSS ? Apply the pseudo classes on the following :    (CO2)

(i) Apply pseudo classes for links

(ii) Apply pseudo classes for 2nd and 4th item of the list

**OR**

(b) What is the importance of box model in CSS, explain with proper diagram. Develop a web page to demonstrate all the box model properties on the <div> element.    (CO2)

5. (a) Create an employee login form as mentioned below :    (CO1)

(i) Name

(ii) Password

(iii) Email

(iv) Login

and link this form to the form "employee information".

(i) Phone number

(ii) Gender

(iii) Date of birth

(iv) Address

(v) Country (India, Outside India) using datalist

(vi) Language known (Hindi, English)

(vii) Department (Computer science, Mechanical, Electronics, (MCA) using select list

(viii) Upload documents

*P. T. O.*

(ix) Submit

(x) Reset

Name and password should be mandatory fields, and limit the length of the phone number 10 digits.

(b) Write CSS code that define two Id's and three classes of paragraph with different background, font color, margins, padding and border style. (CO2)