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Roll No.

TMC-405

**M. C. A. (FOURTH SEMESTER)
MID SEMESTER EXAMINATION, 2021**

FULL STACK WEB DEVELOPMENT

Time : 1½ Hours

Maximum Marks : 50

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

(ii) Each question carries 10 marks.

1. (a) Is HTML 5 Web Storage replaces cookies ?
Justify your answer; also explain local storage and session storage.

10 Marks (CO1)

OR

- (b) What are pseudo-Classes and what are they used for ? Create a web page which shows all the common pseudo classes.

10 Marks (CO2)

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2. (a) What is the use of Geolocation feature of HTML 5 in daily life ? Explain with suitable example. 10 Marks (CO1)

OR

- (b) Define bootstrap ? Explain the features and components of bootstrap in detail.

10 Marks (CO2)

3. (a) Explain the three main ways to apply CSS styles to a web page. Create a web page which contains all the three CSS styles.

10 Marks (CO2)

OR

- (b) How to Embed Video and Audio in your web pages ? Explain with example.

10 Marks (CO1)

4. (a) What do you understand by gradients in CSS ? Explain different types of gradients with example. 10 Marks (CO2)

OR

- (b) What is the use of MathML Element in HTML5 ? Print :

$$a^2 + b^2 - \sqrt{ab} + x/y + .33 = 0$$

using HTML5 code. 10 Marks (CO1)

(3)

5. (a) Can a <section> contain <article> elements ? Can an <article> contain <section> elements ? Provide usage examples. 10 Marks (CO1)

OR

- (b) How will you add border images to an HTML element ? Add a border image to a div of height and width of 300px.

10 Marks (CO2)

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