Name:.....
Roll No:.....

MAR ATHANASIUS COLLEGE OF ENGINEERING (AUTONOMOUS),
KOTHAMANGALAM - 686666
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

B.TECH FIRST SERIES EXAMINATION, AUGUST 2026 (S7 CS,DS,AIML)
CST463 WEB PROGRAMMING

Max. Marks: 40 Duration: 1.5 Hours

PART A

Answer all questions. Each question carries 3 marks.

1. What is the purpose of the Content-Type header in HTTP? Give two examples. **(CO 1)**
2. Write the HTML code to embed a promotional video 'MyVideo.mp4' in a web page where 'autoplay' option is enabled and displayed in a standard dimension 750 X500 . **(CO 1)**
3. Distinguish between class selectors and generic selectors for specifying CSS rule with suitable examples. **(CO 2)**
4. Write CSS code to change the background color and text color of a specific <p> element using an ID selector. **(CO 2)**

PART B

Answer all questions. Each question carries 7 marks.

5. (a) Design an HTML5 webpage for a small online store product page containing:
   - Product name as the main heading.
   - Product image and description.
   - An ordered list of product features.
   - A table showing Price, Discount, and Final Price.
   - A form with a Quantity (number input) and an **"Add to Cart"** button.
   - An internal link to a **"Reviews"** section on the same page.

   (CO 1)

   (b) Write the HTML code to create the table shown in Fig. 1.

VISION

Mould competent professionals to serve as a valuable resource for society in pursuit of excellence.

MISSION

- Provide quality education in Computer Science to equip with cutting-edge technologies.
- Mould disciplined and socially committed engineers capable of professional leadership.
- Promote theoretical and practical understanding, along with critical thinking and logical reasoning.

Flower Show	
Flower Name	**Colour**
Red Rose	Red
White Rose	White
Jasmine	
Sunflower	Yellow

Figure 1: Flower Show Table

(CO 1)

6. (a) Consider a web page where the same paragraph is styled using an external stylesheet, an internal stylesheet, and inline CSS. Write suitable code for all three styles and determine which style will be applied based on CSS precedence. Explain the reason. **(CO 2)**

(b) Write CSS style rules to implement the following in a web page:

- Display the content of hyperlinks with yellow background color and in italics.
- Display the contents of unordered lists in bold and in Arial font.
- Display a background image titled "birds.jpg" with no tiling.

(CO 2)