create a table named as 'student' with fields 'roll no', 'name', and 'age', where roll no should be a primary key, and insert the values in the table from the user input.

(CO5)

(c) What is the difference between GET and POST method in PHP ? Write a program to upload image and save in the specified folder in PHP. (CO5)

650

H   Roll No. ....

TMC–106

M. C. A. (FIRST SEMESTER)

END SEMESTER

EXAMINATION, Jan., 2023

SCRIPTING LANGUAGES

Time : Three Hours

Maximum Marks : 100

Note : (i) All questions are compulsory.

(ii) Answer any *two* sub-questions among (a), (b) and (c) in each main question.

(iii) Total marks in each main question are **twenty**.

(iv) Each sub-question carries 10 marks.

1. (a) Discuss the HTML5 audio and video elements with all the attributes. How to

load the muted video and make thumbnail in video ?　　　(CO1)

(b) What do you mean by Hypertext and Hyperlink ? Give an example to create internal and external hyperlink in a web page. Create a menu bar and the target of the links opens in new tab, self and parent tab also change the color of the links on the user click.　　　(CO1)

(c) Explain table elements with all the attributes in detail. Create a table for the following :　　　(CO1)

Table Header			
Name	Roll No	Course	Section
Table Footer			

2. (a) What are CSS selectors ? Explain the types of selectors in brief. Show the difference between ID and class selectors with the help of suitable example.　(CO2)

(b) Define Pseudo class and pseudo elements in CSS. Design a web page to show the "hello" word on the mouse hover at the start of the paragraph, also create a link and list on the web page. Apply pseudo class on the link and use the nth-child to change the color of second and fourth list item.　　　(CO2)

(c) Explain the benefits and types and of CSS with suitable example. Apply all the text formatting properties of CSS using :

(CO2)

(i) Internal CSS

(ii) Inline CSS

(iii) External CSS

3. (a) Write a JavaScript that initializes an array called "course" with names of five

courses. The script then displays the array in a list, also differentiate between concat( ) and join( ) methods of array with suitable example. (CO3)

(b) What do you understand by form validation in JavaScript ? Validate an employee login form using regular expression, where : (CO3)

(i) User Name contains name with 'EOO' as a pattern

(ii) Password should he alphanumeric and length should be 13.

(iii) Email Id should be unique

(c) What is JavaScript and why it is called object-based language ? How does JavaScript Document Object Model (DOM) work ? Write a program to change the paragraph content on the button click using DOM methods. (CO3)

4. (a) What are j Query and its features ? Write a program to hide and show text using jQuery in slow mode ? (CO4)

(b) How many selectors are present in jQuery ? Write a program to apply CSS on the second and fourth item of the list using jQuery selector. (CO4)

(c) What are events in j Query ? Apply the following events in j Query : (CO4)

(i) Change the background-color when the mouse enters into an element.

(ii) Change the font color on the double click of the mouse

(iii) Change the background-color of the body on the keypress event

5. (a) What is array in PHP ? Explain the types of arrays in PHP in detail. (CO5)

(b) How to create database connectivity in PHP using MySQL ? Write a program to create a database named as "MCA" and