

(4)

TBC-404

5. (a) What is PHP ? What makes PHP better than its alternatives ? Also define array in PHP with suitable example. (CO5)
- (b) Explain the following : (CO5)
- (i) Cookies and sessions in PHP
 - (ii) \$_REQUEST ()
 - (iii) require () vs. include ()
- (c) Write a PHP code to demonstrate the database connectivity with MySQL in PHP. (CO5)

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Roll No.

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**B. C. A. (FOURTH SEMESTER)
END SEMESTER**

EXAMINATION, June, 2023

WEB TECHNOLOGIES

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) What is form in html ? Explain the various elements of form. Design a student's registration form in html. (CO1, CO2)

(b) Write short notes on the following :

(CO1, CO2)

(i) MIME

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- (ii) Load Balancing
- (iii) Web server vs. Application server
- (c) What is WWW ? Explain the web governing protocol (HTTP, FTP, TELNET, SMTP, UDP). (CO1, CO2)
- 2. (a) What is the selection in CSS (Cascading Style Sheets) ? Write style information to set background color, of <body>, <h1>, <h2>, <p> elements. (CO2)
- (b) Explain the font, text-decoration, Link and Positioning property in CSS with example. (CO2)
- (c) What is cascading style sheet ? How many ways to apply CSS in html document ? Explain with example. (CO2)
- 3. (a) What is XML ? Explain Document Object Model (DOM) of XML with suitable example. (CO3)

- (b) What is DTD ? Creates an xml document to describe the student information. Description should include the student's name, father name address, BOB, Mobile No., email and validate it with DTD. (CO3)
- (c) What is the difference between HTML and XML ? Explain the XML tree with an example. (CO3)
- 4. (a) What is Java script ? Explain the function in java script with example. Write a java script code print the Armstrong no. in given range. (CO4)
- (b) Explain the Java Script Dialog boxes with suitable example. And explain the Java script Document object model. (CO4)
- (c) Write a Java script code to apply the validation on text field, password, and email and check box elements. (CO4)

Or

Write a Java script code to display the digital clock. (CO4)