

H

Roll No.

TBC-501

B. C. A. (FIFTH SEMESTER) END SEMESTER EXAMINATION, 2021-22

WEB DEVELOPMENT

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 question carries 10 marks.

1. (a) Differentiate between Static and Dynamic websites. (CO1)
- (b) Describe history of world wide web. List different uses of internet. (CO1)
- (c) Explain Web server and Application server with a suitable example. (CO1)

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2. (a) What is HTML forms ? Explain any *four* form controls with a suitable example.

(CO2)

- (b) Explain CSS box model with block diagram. (CO2)

- (c) What is CSS ? Explain its types in detail with a suitable example. (CO2)

3. (a) Explain XML and types of XML file. Differentiate between HTML and XML.

(CO3)

- (b) Explain the advantages and disadvantages of XML. (CO3)

- (c) What is DTD ? Explain Internal DTD and External DTD. (CO3)

4. (a) What is JavaScript ? How does JavaScript DOM work ? (CO4)

- (b) What are events ? Explain any *four* events used in JavaScript with code snippet.

(CO4)

(3)

- (c) What is form validation ? Create a user login form with fields name and password. The name field can't be empty and password field can't be less than 8 characters. (CO4)

5. (a) Write a PHP program to develop student registration form and display all the submitted data on the page. (CO5)

- (b) Explain various control and loop statements used in PHP. (CO5)

- (c) Explain arrays in PHP with its types with the help of an example. (CO5)

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