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.

(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. (CO2)

(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)