Roll No.

B.C.A.

FIFTH SEMESTER EXAMINATION, 2019-20

WEB DESIGNING CONCEPTS

Time : **3 Hours** Max. Marks : **60**

Note : (i) Attempt **ALL** questions.
(ii) Choices are given in each question set.

1. Attempt any **Four** of the following questions: **3 x 4 = 12**

 (a) Write down the steps for defining a web project. Discuss web project characteristics.

 (b) What do you understand by Team Dynamics? How it may help? Explain in detail.

 (c) Explain how early planning plays an important role in web project?

 (d) What are the main issues of meeting reviews and interviews in web design projects?

 (e) What are the strategies considered for developing web applications? Explain in detail.

 (f) Discuss the hierarchy of a typical web team. Explain the role of each member in the hierarchy.

2. Attempt any **Four** of the following questions: **3 x 4 = 12**

 (a) What do you mean by communication breakdown? What

causes such a breakdown? Illustrate.

(b) What are the advantages and disadvantages of a single site with subsites environment?

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(c) "Communication is one of the foundational elements of a good website." Illustrate.

(d) What are the challenges in communication system? Why communication throughout the project is needed?

(e) Discuss various upfront challenges in a multi departmental and large scale website development.

(f) What is the desirable communication structure for creating effective web team?

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5. Attempt any **Two** of the following questions: **6 x 2 = 12**

(a) What are Scripting language? Explain the role of Java Script in web designing. Design a user login form in HTML and add validations using Java Script.

(b) What is the difference between get() and post() method? Explain with examples.

(c) Develop a small application for performing four basic arithmetic operations (add, subtract, multiply and divide) on

3. Attempt any **Two** of the following questions: **6 x 2 = 12**

(a) What are Web Testing tools? What are major components of such a tool? How does it help out? Illustrate with a suitable example.

(b) Why is change management important within web team with the emerging trends and techniques?

(c) Explain, how quality assurance methodology for web development is similar or different from traditional software quality assurance?

4. Attempt any **Two** of the following questions: **6 x 2 = 12**

(a) **(i)** Design a web page to create an ordered and unordered list.

(ii) Create a table in HTML having Name, Age and Qualification as header and enter two rows in the table.

(b) Differentiate between HTML and DHTML. Design a web page to create a style sheet. Explain internal and external style sheet.

(c) Write HTML code to develop a webpage with the following format:

Frame 1			
Frame 2	Frame 3	Frame 4	Frame 5

Create a text box in Frame 2, 3 and 4 and a text box and a button in Frame 1. Clicking the button in Frame 1, sum of numbers given in Frame 2, Frame 3 and Frame 4 should be displayed in Frame 5.

two input numbers FirstNum and SecondNum, after pressing the respective operation must display the result in a separate result box. Add proper validation using JavaScript.