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B.C.A. (Semester – V)
EXAMINATION APRIL 2023
Core Course
Web Technology

[Duration: 2:00 Hours]

[Total Marks:60]

Instructions: i) All questions are compulsory.
ii) Figures to the right indicate full marks

- Q.1** A. Define the following terms. (5x1=05)
- I. WWW
 - II. JSON
 - III. AJAX
 - IV. DOM
 - V. SMTP.
- B. Give Any Two examples of the following: (5x1=05)
- I. Web browsers
 - II. Protocols
 - III. Server side scripting languages
 - IV. Generic domains on WWW
 - V. Event handlers in JavaScript.
- Q.2** A. Explain string concatenation operator in PHP. (02)
- B. Write the use of JavaScript code in <head>.... </head>section, <body>.... (03)
- </body> section and external file.
- C. Write Any Two benefits of JavaScript. With a suitable example of your (05)
- choice write any two client side validations that can be performed.
- Q.3** A. Explain any two display properties used in CSS. (02)
- B. Write a PHP function with arguments to add two numbers. Initialize one (03)
- argument with default value to 10.
- C. With suitable examples explain authentication, availability, confidentiality, (05)
- data integrity and non-repudiation with respect to web security.

- Q.4 A. Write a note on web hosting. (02)
- B. Differentiate between HTML v/s XML. (03)
- C. List any two characteristics of PHP. With a suitable example code in PHP, show the session creation and deletion. Compare Cookies with Sessions. (05)
- Q.5 A. Write any two advantages of frameworks. (02)
- B. Write any three applications of JavaScript. (03)
- C. Write XML code to create a well structured XML document to represent employee information like empID, name, salary, designation and date of birth. (05)
- Q.6 A. Write a short note on media queries in CSS3. (02)
- B. Write any three features of MVC architecture. (03)
- C. Compare include () and require () function used in PHP. Explain the steps involved in updating data from MYSQL database table using PHP. (05)