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B.C.A (Semester-V)
EXAMINATION NOVEMBER 2022
Web Technology

[Duration : 2 Hours]

[Total Marks : 60]

Instructions:
1) All questions are compulsory.
2) Figures to the right indicate full marks.

Q.1   A. Define the following   (5×1=05)
            I.   MIME
            II.   JSON
            III.   DOM
            IV.   MVC
            V.   DNS

       B. Write only one difference between the following.   (5×1=05)
            I.   Local variables v/s global variables in JavaScript
            II.   Session v/s cookies
            III.   HTTP v/s HTTPs protocol
            IV.   XML v/s HTML
            V.   GET v/s POST method used in form submission

Q.2   A. Compare DTD with XML Schema.   (02)
       B. State any two uses of JSON. Explain JSON.parse().   (03)
       C. With the help of a suitable example, explain well-formed XML document.   (05)

Q.3   A. Write any two features of client server paradigm.   (02)
       B. Explain the different types of arrays in PHP.   (03)
       C. With a suitable diagram explain MVC architecture in detail.   (05)

Q.4   A. List any four 2D transformation methods used in CSS.   (02)
       B. Explain alert, confirm and prompt dialog boxes used in JavaScript   (03)
       C. With a suitable example of your choice, explain the steps involved in retrieving data   (05)
          from the MYSQL database table using PHP.

Q.5   A. Write a note on hierarchical name space.   (02)
       B. Explain the use of prepared statements in PHP.   (03)
       C. Given a user registration form with username, password, retype password, mobileno   (05)
          fields, explain with a suitable JavaScript code the client site validations that can be
          performed before submitting the form data.