K21P 0424

Reg. No. : ....

Name : ....

IV Semester M.C.A./M.C.A. (Lateral Entry) Degree (C.B.S.S. – Reg./Supple.
(Including Mercy Chance)/Imp.) Examination, May 2021
(2014 Admission Onwards)
MCA4C22 : WEB TECHNOLOGY

Time : 3 Hours   Max. Marks : 80

SECTION – A

Answer **any ten** questions. **Each** question carries **three** marks :   **(10×3=30)**

1. List the steps to input a video and audio in HTML5.

2. Mention the uses of operators and functions in JavaScript.

3. How to handle an event with jQuery ? Give example.

4. Write a short note on using of variables and constants in PHP.

5. List the various types of control statements in PHP.

6. List the different data types and operators supported in PHP.

7. Explain in short the creation of namespaces in XML.

8. What is FTP ? How does it work ? Give appropriate example.

9. Write a short note on the following methods and properties with respect to Response object

   a) Buffer

   b) Flush

   c) Clear.

10. Define syndication. Give example.

11. List the different features and uses of CMS.

12. Write a short note on UDDI.

P.T.O.

SECTION – B

Answer **all** questions. **Each** question carries **ten** marks :   (5×10=50)

13. a) i) Write a script that inputs several lines of text and a search character to determine the number of occurrences of the character in the text.

    ii) State the difference between variable and variant.   **(5+5)**

    OR

    b) Explain the following HTML tags with all attributes.

      (1) <a> (2) <body> (3) <img> (4) <table> (5) <p>.   **10**

14. a) Explain in detail the history and levels of DOM.   **10**

    OR

    b) Discuss the concept of jQuery Getter and setter methods with suitable examples.   **10**

15. a) Why HTTP is called state less protocol ? Enlist various methods for state management and also give advantages and disadvantages of each method.   **10**

    OR

    b) Explain the following terms :

      i) query string   ii) Connection string.   **10**

16. a) Explain the roles and advantages of XML.   **10**

    OR

    b) What is AJAX ? When can we use AJAX ? Explain with an example.   **10**

17. a) i) Create a simple Web service that converts the temperature from Fahrenheit to Celsius and vice versa.

    ii) What is WSDL ? Explain its features and document structure.   **(5+5)**

    OR

    b) What are web services platform elements ? Explain.   **10**

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