MCA-304

December - Examination 2019

MCA III Year Examination

Advance Web Technology

Paper - MCA-304

Time : 3 Hours]   **[Max. Marks :- 80**

Note: The question paper is divided into three sections A, B and C. Write answers as per given instructions.

Section - A   **8 × 2 = 16**

(Very Short Answer Questions)

Note: Answer **all** questions. As per the nature of the question delimit your answer in one word, one sentence or maximum upto 30 words. Each question carries 2 marks.

1. i. How to declare an integer type variable in PHP? Give an example.

   ii. Give any two differences between SMTP and POP.

   iii. What is meant by HTML DOM?

   iv. List any two uses of the web browser.

   v. Name any two Web server.

   vi. Give an example of Associative array.

   vii. Give the definition of Cloud Computing.

   viii. What is full form of CRUD?

Section - B $4 \times 8 = 32$
(Short Answer Questions)

Note: Answer **any four** questions. Each answer should not exceed 200 words. Each question carries 8 marks.

2. Add an input box and a button to the page. Write JavaScript code snippet for onclick() event handler which gets the value from an input box and computes and convert it to paisa.

3. What are the drawbacks of HTML? How are they addressed in XML?

4. How tables are created in HTML? What are the various tags used during table?

5. Explain HTML5 Drag and Drop API with a suitable example.

6. What is Virtualization? Describe various types of Virtualization.

7. What is the use of 'GET' and 'POST' method in PHP? Explain with suitable example.

8. Describe some common Query Event methods in brief with a suitable example.

9. Explain the Root Element, Child Elements in XMP with a suitable example.

Section - C $2 \times 16 = 32$

(Long Answer Questions)

Note: Answer **any two** questions. You have to delimit your each answer maximum upto 500 words. Each question carries 16 marks.

10. Explain the fundamentals of Server Side Scripting Language. Write a PHP program to print the reverse of any number.

11. Write a short note on the following:

    a. Wordpress.

    b. SEO Web Design.

12. Explain the following methods using suitable examples

    a. mysql_query()

    b. mysql_fetch()

    c. mysql_run().

13. What is AJAX? Explain AJAX application in web development. Distinguish between AJAX and JavaScript.

―――――