MCA-304

June - Examination 2018

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 $8 \times 2 = 16$

(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 word. Each question carries 2 marks.

1) (i) What is HTML DOM?

   (ii) Name any three HTML Lists tags.

   (iii) Write the SQL statement to delete the whole database.

   (iv) Name any three popular search engines.

   (v) What is the full form of XAMP?

   (vi) Why PHP is also known as loosely typed language?

   (vii) What is the use of phpinfo()?

   (viii) Give three difference between XML and HTML.

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) Write short notes on Object Oriented PHP.

3) What is the use of event in jQuery? Explain mouse event and key board event with one example.

4) What do you mean by web crawling? How we can achieve high ranking in SEO? Explain in detail.

5) What is geolocation API in HTML5? Explain with an example.

6) How MVC framework is used for building PHP applications? Explain with suitable example.

7) Discuss fundamentals of Server Scripting language in detail.

8) Explain various HTML Form Controls with suitable example.

9) Explain the difference between AJAX and JavaScript.

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) What do you mean by Cloud Computing? Explain various Cloud Delivery Models in detail.

11) What is PHP? Discuss various control structures available in PHP with suitable examples.

12) What is Client Side Scripting Language? Design a page to calculate a bill of a pizza order. A small pizza is Rs 120/-, a medium pizza is for Rs 220/- and a large pizza is for Rs. 320/-. Tax is an additional 9% to the order. The user must also pay a tip from 10-20% of the total cost of the order after tax. Write the JavaScript code necessary to calculate and display the total cost of the order.

13) Write short note on the following:

   (i) Wordpress

   (ii) Drupal

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