MCA-20

June - Examination 2016

MCA IIIrd Year Examination

Advance Web Technology

Paper - MCA-20

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 words. Each question carries 2 marks.

1)   (i)   What is the full form of AJAX?

     (ii)   What is the difference between $==$ and $===$ in Javascript?

     (iii)   Name the three ways to define a color in HTML.

     (iv)   What is the difference between HTTP and HTTPS?

     (v)   Which file extension is used to store PHP code?

     (vi)   What is subnet mask?

     (vii)   Explain the general form of URL.

     (viii)   Write the HTML code for creating multiline text box with necessary parameters.

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 note on HTML DOM.

3) What is CSS and what is it used for?

4) Write a Java Script to calculate the sum of 1 + 2 + 3 + ... up to specified number using 'for' Loop.

5) How you can add Ajax functionality to a web page? Write steps also.

6) Compare free and propretary software. Also give examples of both.

7) What is Document Object Model? Write the steps to create a simple web page.

8) Discuss various control structures used in Java Script with example.

9) How Java Script is used in validating the data present on web page? Explain with 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) What do you mean by server side scripting? What are the uses of PHP Language?

11) What is MVC? Discuss MVC Architecture with neat diagram.

12) How you can connect MYSQL using PHP? Compare GET and POST method used in form tag with suitable example.

13) What is the uses of CSS in a web page? Discuss various ways to use CSS in a web page with example.

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