MCA-20

June - Examination 2017

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 × 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)   Give an example of a valid URL.

    (ii)   Name four layers of TCP/IP model.

    (iii)   How to declare a variable in Java Script?

    (iv)   What is Internet?

    (v)   What is the use of consol. log ( ) method?

    (vi)   Which are the start and end tags the PHP parser reads to start parsing and stop parsing PHP code?

(vii) What is the file extension of Java Script?

(viii) Give the usage of <noscript> tag.

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) What is the usage of IP address? Discuss the concept of IP address.

3) I suppose an HTML form contain user name and password as an input field and an submit button. How to validate these field using survey side scripting language? Explain.

4) Describe various data types used in PHP with suitable example.

5) Explain table tag used in HTML with suitable example.

6) Write short note on Document Object Model (DOM).

7) Differentiate between Web Browser and Web Server.

8) Explain the working of DNS (Domain Name System).

9) How to handle database using PHP? Explain with 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) What is Ajax? How you can add functionality in Java Script? Explain with suitable example.

11) Why CSS is used in HTML? Describe various way to use CSS code in HTML web page.

12) What is the importance of MVC in web development? Describe MVC architecture with neat diagram.

13) What is scripting language? Describe various control structure used in Java Script with suitable example.

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