Roll No. ....   Total Pages : 2

CMCA/J-21   24524
WEB TECHNOLOGIES
Paper–MCA-20-21

Time Allowed : 3 Hours]   [Maximum Marks : 75

Note : Attempt **five** questions in all, selecting **one** question from each Unit. Question No. **1** is compulsory. All questions carry equal marks.

Compulsory Question

1. (a) What is the difference between Get and Post methods in HTML ? Discuss.

   (b) Differentiate between Break and Continue statement in JavaScript using suitable examples.

   (c) Write a code in PHP to reverse a string and count the number of words in it.

   (d) What do you understand by AJAX ? What is the advantage of using it ? Discuss.

UNIT–I

2. (a) What do you understand by Box model of CSS ? Explain using suitable examples.

   (b) Discuss the HTML tags used for creating the tables.

3. (a) What is the difference between Class and ID selectors ? Explain.

   (b) Discuss the following HTML tags :

      (i) <div>   (ii) <span>

      (iii)   (iv) <Marquee>.

UNIT–II

4. (a) What is DOM ? Write a JavaScript function invoked by on-click event to change the background and foreground color of a Web page.

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(b) What is the difference between while and do-while loop in JavaScript ? Illustrate.

5. (a) How are the objects created in JavaScript ? Illustrate.

(b) What is the difference between >> and >>> operators in JavaScript ? Explain.

UNIT–III

6. (a) What do you understand by Session ? How is the Session management performed in PHP ? Explain.

(b) What is the difference between for and foreach loop in PHP ? Explain.

7. (a) Discuss the Comparison operators available in PHP.

(b) What is a Cookie ? How is it created and modified in PHP ? Discuss.

UNIT–IV

8. Write detailed notes on the following :

(a) XMLHttpRequest methods.

(b) responseXML Property.

9. Compare the AJAX and non-AJAX applications on performance and security basis.