MCA/M-24   **24518**

WEB TECHNOLOGIES
MCA-20-21

Time : Three Hours]   [Maximum Marks : 75

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

1. (a) Describe the term web optimization.

   (b) Where can we place JavaScript ?

   (c) Explain GET and POST request methods.

   (d) Explain alert(), confirm() and prompt() method of window object.

   (e) What is the main feature of an accessible website ?

   5×3=15

Unit I

2. Write short notes on the following :   **5×3=15**

   (i) Text effects

   (ii) Weblog

   (iii) Web Cache Poisoning

(iv) border-image property

(v) border-collapse.

3. (a) What are shorthand property ? How can Font be used as a shorthand property ?   **10**

(b) What is DOCTYPE ? List out the new elements added in HTML5.   **5**

Unit II

4. What are the various ways of creating object in JavaScript ? Explain any two with examples.   **15**

5. (a) Explain validation with example.   **10**

(b) Describe the properties and methods of window object.   **5**

Unit III

6. (a) Describe variable scope in PHP.   **10**

(b) Explain constants in PHP.   **5**

7. (a) Describe the *three* types of Arrays used in PHP. Explain with example.   **10**

(b) Explain the concept of codeblocks.   **5**

Unit IV

8. Differentiate AJAX and non-AJAX application with example.   **15**

9. (a) Differentiate JavaScript and AJAX. Describe advantages and disadvantages of AJAX.   **10**

(b) What is the use of AJAX in PHP ?   **5**