AA682

M.C.A. EXAMINATION, May 2019

(First Semester)

(B. Scheme) (Re-appear)

MCA403

INTERNET AND WEB TECHNOLOGIES

MCA403

Time : 3 *Hours*]   [*Maximum Marks :* 75

Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

Note : Attempt *Five* questions in all, selecting at least *one* question from each Unit.

Unit I

1. (a) What is XML ? Describe the various types of DTDs. **7½**

   (b) What are the various meta tag types ? Explain with example. **7½**

2. (a) What is W3C ? What are its functions ?

   (b) Compare HTML and XHTML.

   (c) Write a sample code to create ordered list in HTML.

   (d) What are absolute and relative links ? Explain.

   (e) What are various types of frame in HTML ? Give syntax code. **3×5=15**

Unit II

3. (a) Briefly describe JAVA Script Object Model. **7½**

   (b) What is a Style Sheet ? Explain external linked style specification using CSS. **7½**

4. Write a program in Java script using Forms to design a basic calculator. Also incorporate the sufficient exception handling if required. **15**

Unit III

5. How the server side scripting is different from client side scripting ? Discuss the steps involved in Java script to connect to server and getting the response from there. **15**

6. With the help of an example explain form processing in VB Script. **15**

Unit IV

7. (a) What is a Java Servlet ? Where to use servlets ? Explain. **7½**

   (b) What is an Applet ? Write a simple applet that prints current date and time.

   7½

8. Write short notes on the following :

   (a) Issues with servlets

   (b) ASP. **15**