

[Total No. of Questions - 9] [Total No. of Printed Pages - 2]  
(2124)

1783

**MCA 3rd Semester Examination**

**Web Technology-I (NS)**

**MCA-302**

**Time : 3 Hours**

**Max. Marks : 60**

*The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.*

**Note :** Attempt five questions in all selecting one question each from section A, B, C, and D. Section E is compulsory

**SECTION - A**

1. (a) What is Client Server Technology? (6)
- (b) Describe the role of web browser. (6)
2. (a) Write a code to create a multiple list in HTML. (6)
- (b) Write HTML code to insert images. (6)

**SECTION - B**

3. (a) Design a form to accept International Conference Registration details from participants and validate any five fields using Java Script (Assume suitable structure). (6)
- (b) What is a style sheet? Explain margin, font and background properties with examples. (6)
4. (a) List various box models along with their properties. (6)
- (b) List the code for various mechanisms of applying CSS - inline, embedded and external. (6)

**[P.T.O.]**

**SECTION - C**

5. (a) Explain the steps in JSP Application design. How do you access databases from a JSP page? (6)
- (b) Explain how functions are defined in JavaScript. (6)
6. (a) Write a JavaScript to validate a textbox for mobile number. (6)
- (b) Describe JavaScript libraries. Explain how to create sliders using j query. (6)

**SECTION - D**

7. (a) What do you mean by XML? Explain the XML Document structure with example. (6)
- (b) What are various contents of an element in a DTD? (6)
8. (a) Describe Wireless Markup language. (6)
- (b) Describe Extensible 3D language. (6)

**SECTION - E**

- 9 Write short notes on the following:

- (a) BML.
- (b) World Wide Web.
- (c) DTD.
- (d) MathML.
- (e) String objects in JavaScript.
- (f) XSLT.

(2×6=12)