

[Total No. of Questions - 9] [Total No. of Printed Pages - 2]  
(2125)

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**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 :** Candidates are required to attempt five questions in all selecting one question from each of the Sections A, B, C, D of the question paper and all the subparts of the questions in Section E. All questions carry equal marks.

**SECTION - A**

1. (a) Explain HTTP and MIME. (6)  
(b) What is Internet and World Wide Web? (6)
2. (a) What is Hyper linking, write a code to insert it. (6)  
(b) Write a code to show all the basic elements of HTML. (6)

**SECTION - B**

3. What is CSS? Explain its types and various properties. (12)
4. (a) What are selectors? Explain its any three types. (6)  
(b) List various box models along with their properties. (6)

**SECTION - C**

5. (a) How functions are defined and called in JavaScript? (6)

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- (b) How a form is enhanced using JavaScript? (6)
6. (a) What is JavaScript Library? Explain how sliders are created using jquery. (6)  
(b) What are JavaScript events and Predefined objects? (6)

**SECTION - D**

7. (a) List the various contents of an element in DTD. (6)  
(b) Explain Simple API for XML and XSLT. (6)
8. (a) Describe Scalable Vector Graphics and Wireless Markup Language. (6)  
(b) Differentiate Schema and DTD. (6)

**SECTION - E**

9. Write a short note on the following:  
(a) DOM.  
(b) List in HTML.  
(c) CML.  
(d) Client server technology.  
(e) X3D.  
(f) jquery. (2×6=12)