

# CBCS Scheme

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16MCA13

## First Semester MCA Degree Examination, June/July 2017 Web Technologies

Time: 3 hrs.

Max. Marks: 80

**Note: Answer FIVE full questions, choosing one full question from each module.**

### Module-1

- 1 a. Define i) Browser ii) Internet iii) Web iv) URL. (08 Marks)  
b. Explain the phases of HTTP protocols. (08 Marks)

OR

- 2 a. What is a Web Server? Explain its operation and characteristics. (08 Marks)  
b. Write short notes on : i) MIME ii) Important components of the web. (08 Marks)

### Module-2

- 3 a. Explain a standard XHTML document structure with an example. (08 Marks)  
b. What is CSS? Describe the different levels of style sheet and their precedence. (08 Marks)

OR

- 4 a. List out syntactic difference between HTML and XHTML. (04 Marks)  
b. Explain different types of list with an example. (04 Marks)  
c. Explain different selector forms. (08 Marks)

### Module-3

- 5 a. Explain any four array methods used in Java script. (08 Marks)  
b. Explain document object model Structure for a simple document. (08 Marks)

OR

- 6 a. Explain Java script methods alert ( ), prompt ( ) and confirm ( ) with an example. (08 Marks)  
b. Explain Basic concepts of Event handling. (08 Marks)

### Module-4

- 7 a. Explain positioning elements with an example. (08 Marks)  
b. Explain XML document structure. (08 Marks)

OR

- 8 a. Explain changing colors and fonts using Java script program. (08 Marks)  
b. What are XML schema? Explain. (08 Marks)

### Module-5

- 9 a. Explain Hashes in Perl with suitable example. (08 Marks)  
b. What is Cookie? Where is it stored? Explain how to create and delete a cookie in CGI programming. (08 Marks)

OR

- 10 a. Explain the basics of pattern matching in Perl and also explain substitution and transliterate operators. (08 Marks)  
b. Explain with neat diagram, common Gateway Interface. (08 Marks)

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Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.  
2. Any revealing of identification, appeal to evaluator and /or equations written eg, 42+8 = 50, will be treated as malpractice.