CBCS Scheme

USN ☐☐☐☐☐☐☐☐☐☐   **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 end transliterate
       operators.   **(08 Marks)**
     b.   Explain with neat diagram, common Gateway Interface.   **(08 Marks)**

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