CBCS SCHEME
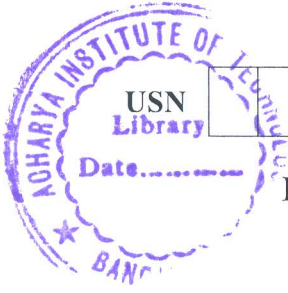
16/17MCA13

First Semester MCA Degree Examination, June/July 2019
Web Technologies

Time: 3 hrs.   Max. Marks: 80

Note: Answer any FIVE full questions, choosing ONE full question from each module.

Module-1

1   a. What is MIME? Explain its specification.   (04 Marks)
     b. Explain URL in detail.   (06 Marks)
     c. Explain in detail response phase of HTTP.   (06 Marks)

OR

2   a. Explain the term Internet, WWW, Web browsers and Web servers with examples. (10 Marks)
     b. Write a note on security in Web applications.   (06 Marks)

Module-2

3   a. With an example explain different types of lists available in XHTML.   (10 Marks)
     b. Explain font properties.   (06 Marks)

OR

4   a. Explain the Box model.   (06 Marks)
     b. Create XHTML document to describe the following table. (Keep all data in center.)

Fruit Juice Drinks

	Juice			
	APPLE	MANGO	GRAPE	ORANGE
Break Fast	0	1	0	1
Lunch	1	1	0	0
Dinner	1	0	1	1

(10 Marks)

Module-3

5   a. Describe the two ways of creating an array object in javascript. Explain array methods with
         suitable example for each.   (10 Marks)
     b. What is navigator object? Write a Javascript program to show the browser details using
         navigator object.   (06 Marks)

OR

6   a. Explain DOM2 event model in detail.   (10 Marks)
     b. Write a program in JavaScript and XHTML for determining the following. Display proper
         output using Alert method.
         (i)   Find the sum of N natural numbers.
         (ii) Validate the email ID, it should contain '@' and '.'   (06 Marks)

Module-4

7 a. Explain the following with an example:
   (i) Element visibility   (ii) Relative positioning (06 Marks)
   b. Explain the syntax and document structure of XML. (10 Marks)

OR

8 a. Write a JavaScript that illustrates the dynamic stacking of images. (06 Marks)
   b. Write a note on XML namespaces and XML processors. (10 Marks)

Module-5

9 a. Describe with an example, the various categories of variables in Perl. (08 Marks)
   b. How do crate Hash in Perl? List and explain all the functions of hash. (08 Marks)

OR

10 a. What is CGI? Explain CGI.pm module with an example. (08 Marks)
   b. Write a CGI - Perl program to use a cookie to remember the day of the last login from user and display it. (08 Marks)

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