

MCA DEGREE II SEMESTER EXAMINATION, APRIL 2008

CAS 2203 INTERNET AND WEBSITE DESIGN

Time: 3 Hours

Maximum marks : 50

PART A(Answer **ALL** questions)(Each question carries **TWO** marks)

(15 x 2 = 30)

- I.
 - a. Discuss the basic HTML tags.
 - b. Compare the features of HTML and DHTML.
 - c. Explain how marquees are created.

- II.
 - a. Discuss the use of string class.
 - b. Discuss the data types in java.
 - c. Explain the string operations in java.

- III.
 - a. Discuss how classes and objects are defined in java with examples.
 - b. Explain the access control methods in a class.
 - c. What are java packages? Give examples.

- IV.
 - a. Give an example of an applet.
 - b. Explain how a check box is created in a java applet.
 - c. What are java swings?

- V.
 - a. Explain the methods used for I/O operation in a file.
 - b. What is the need for socket programming?
 - c. What are java file classes?

PART B(All questions carry **EQUAL** marks)

(5 x 4 = 20)

- VI.
 - A. Write a HTML using Marquee to scroll the image.

OR

 - B. Write a function in java script to add two numbers and embedded it in an HTML file.

- VII.
 - A. Explain the control statements in java with examples.

OR

 - B. Write a java program that computes and prints the factorial of a given number.

- VIII.
 - A. What are the different types of constructors? Explain.

OR

 - B. What is the importance of thread synchronization in multithreading? Explain.

- IX.
 - A. Explain the life cycle of an applet.

OR

 - B. Write an applet which accepts two numbers from text boxes and displays the sum when a button is clicked.

- X.
 - A. Write a java program that will count the number of characters and words in a file.

OR

 - B. Explain the concept of java RMI.