(Following Paper ID and Roll No. to be filled in your Answer Book)

PAPER ID : 7073   Roll No.

M.B.A.

(SEM. IV) EXAMINATION, 2006-07

INTERNET AND VISUAL BASIC

Time : 3 Hours]   *[Total Marks : 100*

Notes :   (i)   Attempt **all** questions

(ii)   All questions carry **equal** marks.

(iii)   In case of numerical problems, assume data wherever not provided.

(iv)   Be precise in your answer.

1   Attempt any **four** parts of the following :   5x4=20

(a)   What are the characteristics of a server and of a client ? Differentiate between a stateless and stateful server.

(b)   Give a brief history of web browser, and explain the four main features of web browser.

(c)   What are the four main tags that a HTML document should have ? What is the use of these tags ?

(d)   Discuss a complementary pattern for controlling object creation and destruction.

(e)   Briefly explain the business value of the Internet.

(f)   What are streams ? How does stream perform basic I/O in Java programs.

2   Attempt any **two** parts of the following :   **10x2=20**

(a)   Describe what the following applet class do

(i)   void destroy ( )

(ii)   URL get Code Base ( )

(iii) String get AppletInfo ( )

(iv)   void start ( )

(v)   void stop ( )

(b)   Describe the general form of a Java class. In a class what is the difference between an instance variable and a method ?

(c)   What do you understand by a CGI program ? Write down the steps involved in transferring information from web Browsers to a CGI program.

3   Attempt any **two** parts of the following :   **10x2=20**

(a)   Write a short note with respect to Applets on :

(i)   object construction and destruction

(ii)   control structures

(b)   How image is created, loaded and displayed in Java ?

(c)   "Java is simple, robust and object-oriented. It is also secure and portable." Comment.

4   Attempt any **two** parts of the following :   **10x2=20**

    (a)   What do the following parts of an Visual Basic menus do ?

        (i)   File

        (ii)   Edit

        (iii)   View

        (iv)   Project

        (v)   Format

        (vi)   Debug

        (vii)   Run

        (viii)   Tools

        (ix)   Add-Ins.

        (x)   Window

        (xi)   Help

    (b)   Explain the procedure of selecting and replacing text in a Text Box.

    (c)   Discuss any four system defined controls.

5   Attempt any **two** parts of the following :   **10x2=20**

    (a)   What is the function of a

        (i)   The Project Explorer

        (ii)   The Properties Window

    (b)   Describe the various forms available in Visual Basic.

    (c)   Explain how to use ADO.NET with a Windows Forms application to create, read, update and delete records in SQL Server databases.

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