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.

VB-7073] 1 [Contd...
(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.

VB-7073] 2 [Contd...
4 Attempt any two parts of the following: \(10 \times 2 = 20\)

(a) What do the following parts of a 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: \(10 \times 2 = 20\)

(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.