Bachelor of Computer Application (B.C.A.) Semester–V Examination

VB.NET

Paper–3

Time : Three Hours]   [Maximum Marks : 50

N.B. :— (1) **All** questions are compulsory and carry equal marks.

(2) Draw neat and labelled diagram wherever required.

EITHER

1. (A) Explain .Net Framework in detail.   5

(B) Explain use of constructor and destructor in VB.Net.   5

OR

(C) Explain .Net class library in detail.   5

(D) What is overriding ? Write a program to create addition of two nos. by using overriding.   5

EITHER

2. (A) Explain the use of interface in VB.Net.   5

(B) Explain use of abstract class in VB.Net.   5

OR

(C) What is inheritance ? Explain which type of inheritance is not supported in VB.Net. Why ?

5

(D) Differentiate between implicit and explicit interface.   5

EITHER

3. (A) What is menu ? Write a procedure to create menu in VB.Net.   5

(B) Design a form to calculate factorial of a number by using toolbox, label and command button.

5

OR

(C) What is MDI form ? Write steps to create MDI forms.   5

(D) Differentiate between picturebox and imagebox.   5

EITHER

4. (A) Explain event and delegates used in VB.Net. 5

(B) What is exception handling ? Explain the structure of exception. 5

OR

(C) Differentiate between structure and unstructured exception. 5

(D) Explain following debugging modes :

    (i) Break mode

    (ii) Starting debugging. 5

5. Attempt **all** :

(A) Write a procedure to create class in VB.Net. 2½

(B) Give benefits of interfaces. 2½

(C) What is the use of helper form ? 2½

(D) Explain Runtime error in error handling ? 2½