

END TERM EXAMINATION

THIRD SEMESTER [BCA] DECEMBER-2012

Paper Code: BCA205

Subject: Front End Design Tools & VB Net

Time : 3 Hours

Maximum Marks :75

Note: Attempt any five questions. Select one question from each unit including Q.no.1 which is compulsory.

- Q1 Attempt **any ten** of the following:- (2.5x10=25)
- (a) Explain the print statement.
 - (b) Explain the difference between private, public and static variable.
 - (c) Compare .NET and JAVA.
 - (d) Discuss in brief the object oriented features.
 - (e) Explain the elements of IDE.
 - (f) Difference between input box and msgbox.
 - (g) Why a combobox is called expandable list box control.
 - (h) Difference between TRIM and RTRIM.
 - (i) Explain the function of a timer control.
 - (j) Explain the Dataset object model.
 - (k) Explain the 3-tier computing model.

UNIT-I

- Q2
- (a) Explain the syntax of FOR loop. (2.5)
 - (b) Compare and contrast between Java and .NET. (5)
 - (c) Explain the common dialog box in detail. (5)

OR

- Q3
- (a) Explain the form module, standard module and class module in detail. (5)
 - (b) Elaborate any five data types used. (5)
 - (c) Explain dynamic arrays. (2.5)

UNIT-II

- Q4
- (a) Explain the difference between overloading and overriding. (5)
 - (b) WAP to show inheritance supported in VB .NET. (5)
 - (c) How do we create a class in VB.NET? (2.5)

OR

- Q5
- (a) WAP to check whether the given number is in the Fibonacci series or not. (2.5)
 - (b) What do you mean by Exception Handling, WAP for structured and unstructured exception handling? (5)
 - (c) What do you understand by the term interface? How do we implement interfaces in VB.NET? (5)

UNIT-III

- Q6
- (a) Write short notes on MDI and SDI. (5)
 - (b) Briefly explain the events associated with the life cycle of a form. (5)
 - (c) Write an event procedure in VB to check whether the given string is a palindrome or not and find the length of the string. (2.5)

OR

- Q7
- (a) Write an event procedure to swap two numbers with the help of call by value and call by reference. (5)
 - (b) What is the difference between an image box and picture box? (2.5)
 - (c) Explain the following MS-common controls:- (5)
 - (i) List view (ii) Tree view (iii) Status bar (iv) Tool box (v) Progress bar

UNIT-IV

- Q8
- (a) What are the different sections of a crystal reports? (5)
 - (b) Differentiate between data adapter and data reader with the help of an example. (5)
 - (c) Explain the various components of ADO.NET. (2.5)

OR

- Q9
- (a) How can we access the report from a window form? (5)
 - (b) WAP to connect to a database and display the records in a Data Grid Control. (5)
 - (c) What is ADO.NET? Discuss the ADO.NET object model, highlighting its salient features. (2.5)
