



P-3753

Second Year B. C. A. (Sem. IV) (CBCS) Examination  
March / April – 2014  
404 : .Net Programming

Time : 3 Hours]

[Total Marks : 70

Instructions :

(1)

नीचे दशांशिक निशानीवाणी विगतो उत्तरवही पर अवश्य लખनी.  
Fill up strictly the details of signs on your answer book.

Name of the Examination :  
S. Y. B. C. A. (SEM. 4) (CBCS)

Name of the Subject :  
404 : .NET PROGRAMMING

Subject Code No. : 3 7 5 3 Section No. (1, 2,.....) : Nil

Seat No. :

Student's Signature

- (2) All questions are compulsory.  
(3) Figures on the right indicate full mark.

1: Answer the followings in short

14

- What is difference between data reader and data adapter?
- List all the different types of file created in vb.net solution.
- What is Abstract Base Class? Which keyword is used to create Abstract Base Class?
- What is the importance of namespace?
- Explain InStr function with example.
- Explain the use of ExecuteNonQuery, ExecuteScalar & ExecuteReader.
- Explain Option-Explicit statement.

2: Answer the following question: (Any two)

14

1. Explain .NET Framework in detail.
2. Explain Rich textbox in detail with all its properties, methods and events.
3. What is the difference between Collection and Array? Explain the any Collection in detail.

**3: Answer the following question: (Any two) 14**

1. What is inheritance? Which inheritance is not supported in vb.net? Explain its solution.
2. Write short note on exception handling?
3. Explain all keyboard events Available in vb.net.

**4: Answer the following question: (Any two) 14**

1. Explain Image list control with its methods and properties.
2. Explain font dialog box and color dialog box in detail.
3. Explain string functions of vb.net with example.

**5: Answer the following question: (Any two) 14**

1. Explain ADO.Net Object Model in detail.
2. Explain connection object with its properties and methods.
3. How do we add and remove a control at run time? Write a code to add and remove textbox at runtime.

**4 Do as directed : (any 2)**

**[14]**

1. Explain dynamic method dispatch with example.
2. Explain lifecycle of an applet.
3. Explain inter-thread communication.

**5 Do as directed :**

**[14]**

1. Write an applet code to display 5 different images. **[5]**
2. Write a java program to accept a number through command line & display whether it is palindrome or not. **[5]**
3. Give output of following code: **[4]**
  - a. 

```
Int m = 100;
Int n = 300;
While(++m < --n)
System.out.println(m);
```
  - b. 

```
String s="Six: " +3 +3;
System.out.println(s);
```