RR-3975-76

B. Sc. (I.T.) (Sem. IV) Examination

March / April – 2010

Visual Application Development Techniques

Time : **3** Hours]   [Total Marks : **70**

RR - 3975

Instructions :

(1)

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નીચે દર્શાવેલ ☛ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fillup strictly the details of ☛ signs on your answer book.
Name of the Examination :
☛ | B. Sc. (I.T.) (Sem. 4) |
Name of the Subject :
☛ | Visual Application Development Techniques |
☛ Subject Code No. : | 3 | 9 | 7 | 5 |   ☛ Section No. (1, 2,.....) : | 1 |
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Seat No. :

Student's Signature

(2)   Write section I and section II in separate sheet. Different subject code. Draw the figure and give example whenever necessary.

1   Answer the following questions in short :   **8**
   (1)   What is an Assembly ?
   (2)   How to load a picture in picture box control at run time ?
   (3)   What is the use of option strict statement ?
   (4)   Define dynamic array.
   (5)   What is the use of shared keyword ?
   (6)   Give notable properties of scroll bar.
   (7)   Explain the use of link label control.
   (8)   What is the use of command object ?

2   Answer the following questions : (any **three**)   **15**
   (1)   Explain CLR in detail.
   (2)   What is Name space ? How to create it ? Explain with example.
   (3)   Explain the use of Panel and List View control.
   (4)   What are collections ? Explain Stack and Queue with example.

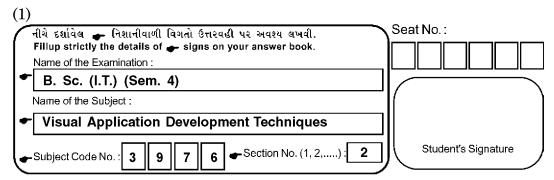**3**   Write a short note on : (any **three**)   **12**
   (1)   Explain the use of MenuStrip and context MenuStrip control. How do you create a separator bar ?
   (2)   Explain Listbox with its properties and methods.
   (3)   Explain status bar control with its properties and events.
   (4)   Discuss on Open File dialog and Color dialog.

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(1)

Name of the Examination :

☞ **B. Sc. (I.T.) (Sem. 4)**

Name of the Subject :

☞ **Visual Application Development Techniques**

☞ Subject Code No. : | 3 | 9 | 7 | 6 | ☞ Section No. (1, 2,......) : | 2 |

Seat No. :

Student's Signature

(2)　Write section I and section II in separate sheet. Different subject code. Draw the figure and give example whenever necessary.

4　Answer the following questions : (any **four**)　　　**20**

　(1)　Explain various access types available in VB.NET.

　(2)　How will you achieve multiple-inheritance in VB.NET ?

　(3)　What is an abstract class ? How to create it ? Compare it with simple class.

　(4)　Compare overloading and overriding.

　(5)　Explain Tree View control with its properties and methods.

5　Write short note on : (any **two**)　　　**15**

　(1)　Write a short note on ADO.NET object model

　(2)　Write code to navigate records in a data set

　(3)　Give the methods used in data set to manipulate the records

　(4)　Write a short on data reader object.

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