



SB-3821

B. Sc. (IT) (Sem. IV) Examination

March / April – 2011

Paper-401 : Visual Application Development Techniques

Time : 3 Hours]

[Total Marks : 70

Instruction :

नीचे दशांशिक निशान्नीवाणी विगतो उत्तरवही पर अवश्य लपवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="B. SC. (IT) (SEM. IV)"/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="Paper-401 : Visual Application Development Techniques"/>	<input type="text"/>
Subject Code No. : <input type="text" value="3"/> <input type="text" value="8"/> <input type="text" value="2"/> <input type="text" value="1"/>	<input type="text"/>
Section No. (1, 2,.....) : <input type="text" value="Nil"/>	
Student's Signature	

- 1 Do as directed : 18
- (i) Explain significance of Namespace.
 - (ii) List out the various components of CLR.
 - (iii) List out atleast four container controls.
 - (iv) What is Boxing and Unboxing ?
 - (v) Differentiate static and global assembly.
 - (vi) Write a code to add controls at run time.
 - (vii) What is disconnected data model ? Give its advantages and disadvantages.
 - (viii) Define shadowing with example.
 - (ix) Define context menu.
- 2 Answer the following (any three) 18
- (i) What is interface ? Explain interfaced polymorphism.
 - (ii) Write a note on ADO.NET Architecture.
 - (iii) How assembly is created in VB.NET ? Explain its features.
 - (iv) What are collections ? Explain about stack and queue with possible methods.

- 3** Answer the following (any three) : **18**
- (i) What is namespace ? Explain namespace hierarchy with example.
 - (ii) What is record navigation ? Write code to perform record navigation in a data set.
 - (iii) Explain the use of Panel and TreeView control.
 - (iv) What is an abstract class ? How to create it ? Compare it with simple class.
- 4** Answer the following (any four) **16**
- (i) Explain Combobox control with its properties and methods.
 - (ii) Explain the component of .NET framework which support the theme of .NET i.e. unification and interoperability.
 - (iii) Explain MDI forms.
 - (iv) Explain option statements with examples.
 - (v) Discuss on OpenFileDialog dialog and Color dialog.
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