

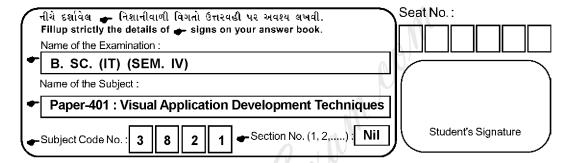
## SB-3821

## B. Sc. (IT) (Sem. IV) Examination March/April - 2011

## Paper-401: Visual Application Development Techniques

Time: 3 Hours [Total Marks: 70

## **Instruction:**



1 Do as directed:

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- (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)

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- (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.

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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)

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- (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 OpenFile dialog and Color dialog.

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