



Seat No. : _____

XX-127

April-2013

Five years M.Sc. (CA & IT) Integrated (K.S.)

S.Y. M.Sc. [Sem.-IV]

Client Server Architecture

Time : 3 Hours]

[Max. Marks : 100

- Instructions:** (1) Numbers to the right indicate full marks of the questions.
(2) Read the question carefully.
(3) Write the answer to the point.

1. Attempt the following : (any **four**) **20**
- (1) Explain the use of Explicit, Strict and Infer options with suitable example.
 - (2) Explain the following properties of list box with example.
 - (i) Integral Height
 - (ii) Selection Mode
 - (iii) Sorted
 - (iv) Items
 - (v) Multicolumn
 - (3) Draw and explain the .NET framework in brief.
 - (4) What do you mean by Name space ? Write name of any four namespaces.
 - (5) Write any four windows name available in VB IDE. Explain the use of Immediate window.
2. Attempt the following : (any **four**) **20**
- (1) Explain any five properties of Open Dialog control.
 - (2) What is array ? Explain Param array with example.
 - (3) List and explain various types of loop statement available with example.
 - (4) List and explain any five data types available in VB.NET
 - (5) Write the name of property which is common to all the control. Explain use of acceptbutton and cancelbutton property of a form by appropriate example.

3. Attempt the following : (any **four**) **20**
- (1) List and explain following properties for text box.
 - (i) Locked
 - (ii) Read only
 - (iii) Visible
 - (iv) Password char
 - (v) Max Length
 - (2) List and explain various drop down style property of combo box with figure. Write the name of event which will occur when you select an item from combo box.
 - (3) What is a class ? What do you mean by interface of the class ? What is an object ? What is use of New Keyword ? What is the difference if you create a variable of a by using the New Keyword and without using the New Keyword ?
 - (4) Differentiate Instance and Shared Methods with example.
 - (5) What do you mean by polymorphism ? Write a small example which explains the use of polymorphism.
4. Attempt the following : (any **four**) **20**
- (1) What do you mean by Serialization ? Write name of three types of serialization. Explain any one with example.
 - (2) Compare : String class and string builder class.
 - (3) What does date time class handle ? What does Time span class handles ? What is the use of ToOA Date Time method of Date Time Class ? Explain tick and date property of date time class.
 - (4) Explain array list collection with adding and removing array list items.
 - (5) Explain directory class with any two methods and property of directory class with example.
5. Attempt the following : (any **four**) **20**
- (1) Explain structured exception handling with suitable example.
 - (2) Write the full form of ADO. Write only names of 4 data container classes and 4 data provider classes.
 - (3) Differentiate : Execute Non Query, Execute Reader and Execute Scalar methods of command class with example.
 - (4) Write the full-form of DLL. Write steps to create a.dll file of the class.
 - (5) Explain data reader class with example to retrieve and display data of the table student (sid, sname)