1   Attempt the Following Questions :

(a)   Answer the following Questions :   4

    (1)   Full form of CLR.

    (2)   Net framework Based on Object Oriented Programming (True/False)

    (3)   _____ keyword is used to include namespaces.

    (4)   Define Jagged Array.

(b)   Answer the following Questions in, Brief : (any **one**)   2

    (1)   Explain Foreach loop with Example?

    (2)   What is Managed Code?

(c)   Answer the following Questions in Detail : (any **one**)   3

    (1)   What are value type-and Reference type ?

    (2)   What are Boxing and UnBoxing ?

(d)   Answer the following Questions : (any **one**)   5

    (1)   Write a note, on JIT and its types.

    (2)   Explain Architecture of Net framework

2 Attempt the following Questions :

(a) Answer the following Questions :   4

    (1) Define Object.

    (2) Overloading and overriding both are concept of polymorphism. (True / false)

    (3) _____ is used to implement multiple inheritance in C#.

    (4) By default a class member is _____ to its Class.

(b) Answer the following Questions in Brief : (any **one**)   2

    (1) Explain Get and Set Accessor properties ?

    (2) Explain Indexer in C#.

(c) Answer the following Questions in Detail : (any **one**)   3

    (1) What is Sealed Class ? Give Example.

    (2) What is Delegate ? Give Example.

(d) Answer the following Questions : (any **one**)   5

    (1) What is Collection. Explain any one class of Collection.

    (2) What is Event ? Explain with Example.

3 Attempt the Following Questions :

(a) Answer the following Questions :   4

    (1) _____ key from the keyboard is used to run-window application.

    (2) MDI stands for _____.

    (3) _____ property of the label is used to automatically resize to display its contents.

    (4) _____ Property is used to display image on the Button.

(b) Answer the-following Questions in Brief : (any **one**)   2

    (1) Write a program to change the, background color of a form with the Help of ColarDialogBox.

    (2) Any two difference between Panel and GroupBox.

(c) Answer the following Questions in Detail : (any **one**) 3

    (1) Difference Between ComboBox and ListBox.

    (2) Difference Between MenuStrip and Context MenuStrip.

(d) Answer the following Questions : (any **one**) 5

    (1) Explain MessageBox Class with all types of Show() Method.

    (2) What are Dialogboxes ? Explain SaveFileDialog and OpenFileDialog.

4   Attempt the Following Questions :

(a) Answer the following Questions : 4

    (1) ADO stands for _____

    (2) DataReader is a Disconnected Architecture component. (TRUE/FALSE)

    (3) Dataset is a virtual set or local set of record set. (TRUE/FALSE)

    (4) OLEDB stands for _____.

(b) Answer the following Questions in Brief : (any **one**) 2

    (1) Explain Command Object.

    (2) Short Note on DataGridveiw.

(c) Answer the following Questions in Detail : (any **one**) 3

    (1) Difference between ExecuteNonQuery() and ExecuteScalar()

    (2) What is DataTable ? Explain.

(d) Answer the following Questions : (any **one**) 5

    (1) Explain the Architecture of ADO.Net.

    (2) Write a program to Add and Delete record (SID, SNAME, SADD) in STUDENT table with SQL server connectivity.

5 Attempt the Following Questions :

(a) Answer the following Questions : 4

(1) LINQ stands for _____

(2) _____ field of Crystal report is used to Create Formula.

(3) Drop Down is a type of Crystal report. (TRUE/FALSE)

(4) _____ control is used to View the Crystal-Report.

(b) Answer the following Questions in Brief : (any **one**) 2

(1) What is user Control ? Write steps to Create User Control.

(2) Write the names of any four Special Fields of Crystal Report.

(c) Answer. the following Questions in Detail : (any **one**) 3

(1) Explain Types of Setup projects.

(2) Explain types of Crystal Reports.

(d) Answer the following Questions : (any **one**) 5

(1) Write a steps to Create Crystal Report.

(2) Explain All Sections of Crystal Reports.