

# C# Question Bank

## 1. Unit -1

- a. Explain .Net Framework
- b. Explain VS IDE
- c. Explain Types of Project in VS IDE 2010
- d. Explain NameSpace
- e. Explain Different components of Windows IDE
- f. Write down advantages of .Net Framework
- g. Define JIT. List its type.
- h. Define CLR and CLS.
- i. List out features of visual studio.
- j. Explain namespace with example.
- k. Explain component of .net architecture.
- l. Explain addition of visual studio.
- m. Explain garbage collection.
- n. Differentiate managed code and unmanaged code.
- o. What is BCL and FCL?
- p. Explain creating setup project in detail.
- q. Explain feature & advantage of visual studio.

## 2. Unit-2

- a. Explain Data Type.
- b. Explain operator
- c. Explain Boxing and Unboxing
- d. Explain If Else, Switch, Looping
- e. Explain Array
- f. Explain Exception Handling
- g. Explain foreach loop.
- h. Explain unsafe keyword.
- i. Explain jagged array with example.
- j. Explain break, continue and return statement.
- k. Write a note on exception handling.
- l. Explain switch case with example.
- m. What is boxing & unboxing?
- n. Explain managed code.
- o. Explain difference between for & foreach loop.

## 3. Unit-3

- a. Explain Class, Object
- b. Explain abstract class.
- c. Explain Access Modifiers
- d. Explain Method Overloading and Overriding
- e. Explain Inheritance, Abstract Class, Interface
- f. Explain Property and Indexer
- g. Explain multicast delegates.
- h. Explain indexer with example.
- i. Write a note on sealed class.
- j. Define collection. Explain any one class of collection.

- k. Explain struct and class.
  - l. What is polymorphism?
  - m. What is object?
  - n. What is event delegate?
  - o. Explain overloading constructor with suitable example.
  - p. What is Encapsulation?
  - q. What is indexer? Explain with example.
  - r. Write a program to create multiplication table using multidimensional array.
4. Unit-4
- a. Explain MessageBox
  - b. Explain TextBox, Label, Button, RadioButton, etc.
  - c. Explain checklistbox control.
  - d. Define tooltip property.
  - e. Explain radiobutton control.
  - f. Explain textbox control.
  - g. Explain listbox control.
  - h. Explain combobox control.
  - i. Explain radiobutton control.
  - j. Explain fontdialogbox & openfiledialogbox with example.
  - k. Explain difference between combobox & groupbox with example.
  - l. Explain form and its three properties.
  - m. Explain messagebox class with show() method.
5. Unit-5
- a. Explain ADO.NET Architecture
  - b. Explain Command, Reader Class
  - c. Explain DataGridView.
  - d. Explain data grid view.
  - e. Explain datareader object.
  - f. Explain command object.
  - g. Explain ADO .NET architecture.
  - h. Write a code to display records of employee table having fields ENO, ENAME, ECITY, ESALARY using dataadapter.
  - i. Define dataset.
  - j. Define datatable.
  - k. Explain data adapter with example.
  - l. Explain command connected architecture in detail.
  - m. Explain command disconnected architecture in detail.
  - n. Explain dataview.
  - o. Explain architecture of ADO .NET.
  - p. Write a program which can edit a record from student table. Which having rollno, name, city as fields.
  - q. Write a program which can insert and delete a record from student table. Which having rollno, name, city as fields.