

Enrollment No: _____

Exam Seat No: _____

C.U.SHAH UNIVERSITY

Winter Examination-2015

Subject Name: Visual Studio.NET

Subject Code: 4CS03BDO2

Branch: B.C.A.

Semester: 3

Date:22/12/2015

Time: 2:30 To 5:30

Marks:70

Instructions:

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
 - (2) Instructions written on main answer book are strictly to be obeyed.
 - (3) Draw neat diagrams and figures (if necessary) at right places.
 - (4) Assume suitable data if needed.
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Q-1 Attempt all the following MCQ and short questions.

[14]

1. Full form of BCL is _____
 - a) Base Class Library
 - b) Basic Class Library
 - c) Basic Core Library
 - d) Base Code Library
2. Array Of arrays is called _____
 - a) Multi-dimensional array
 - b) Jagged Array
 - c) Sub Array
 - d) None of above
3. The operation of converting a value type to a reference type is called _____
 - a) Reverse boxing
 - b) Type casting
 - c) Boxing
 - d) Unboxing
4. C# does not support _____ inheritance.
 - a) Single inheritance
 - b) Multilevel inheritance
 - c) Hierarchical inheritance
 - d) Multiple inheritance
5. In method, if we are passing same name and same signature then it is called _____
 - a) Method overriding
 - b) Method overloading
 - c) Calling method
 - d) None of above
6. Which class follows the concept of first-in-first-out?
 - a) Stack
 - b) Queue
 - c) ArrayList
 - d) All of above
7. Which is not a state of CheckBox?
 - a) Indeterminate
 - b) Checked
 - c) Determinate
 - d) Unchecked
8. To start timer, you have to use _____
 - a) Enabled property
 - b) Tick event
 - c) Start method
 - d) None of above



9. ADO stands for _____
- a) Active Data Object
 - b) Access Data Object
 - c) Active Data Organization
 - d) ActiveX Data Object
10. It is used to exchange of data between DataSet and data store.
- a) DataReader
 - b) DataAdapter
 - c) Command
 - d) None of above
11. Define Common Language Runtime.
12. What is class?
13. Give the full form of MDI.
14. What is array?

Attempt any four questions from Q-2 to Q-8

Q-2 Attempt the following questions. [14]

- 1. Explain for loop and while loop with syntax. [5]
- 2. Explain switch...case statement with example. [5]
- 3. What is one dimensional array? Explain with example. [4]

Q-3 Attempt the following questions. [14]

- 1. What is constructor? Explain default constructor with example. [5]
- 2. Explain method overloading with example. [5]
- 3. What is abstract class and abstract method? [4]

Q-4 Attempt the following questions. [14]

- 1. What is property? Explain Get & Set property. [5]
- 2. Explain Stack class with methods. [5]
- 3. Explain finalize & dispose methods. [4]

Q-5 Attempt the following questions. [14]

- 1. Explain Button class with any four properties. [5]
- 2. Explain Timer control. [5]
- 3. Explain CheckBox control with any four properties. [4]

Q-6 Attempt the following questions. [14]

- 1. What is ADO.NET? Explain difference between connected & disconnected architecture. [5]
- 2. Differentiate between DataReader Versus DataSet. [5]
- 3. Explain Command class with its methods. [4]

Q-7 Attempt the following questions. [14]

- 1. What is crystal report? Explain different types of crystal reports. [5]



2. What is interface? Explain with example. [5]

3. Explain GridView control. [4]

Q-8 Attempt the following questions. [14]

1. Explain the features of .NET platform. [7]

2. What is data type? Explain value types & reference types in C#.NET [7]

