



MAK-003-003502 Seat No. _____

B. C. A. (Sem. V) (CBCS) Examination

October / November – 2016

CS - 26 : Programming with C# (Old Course)

Faculty Code : 003
Subject Code : 003502

Time : $2\frac{1}{2}$ Hours]

[Total Marks : 70]

1 Write down answer for the following questions in one or two statement :

- (1) Define IDE.
- (2) What is JIT?
- (3) What is Namespace?
- (4) What is an Array?
- (5) What is Boxing?
- (6) What is method overloading?
- (7) Write down syntax of get Accessor for properties.
- (8) What is abstract class?
- (9) Which inheritance is not supported by C#?
- (10) Which are the two types of polymorphism?
- (11) What is Thread?
- (12) What is the full form of ADO?
- (13) _____ control having a feature like text editing with formatting.
- (14) Give the name of key events for control.
- (15) _____ is a feature to examine the metadata of a program and gather information about its type.

- (16) Give the name of any four generic classes.
- (17) What is BitArray?
- (18) Which are the two types of thread defined by .NET framework?
- (19) Which data type is used to store a true or false value?
- (20) What are the three ways to pass a parameter in C# methods?

2 (a) Attempt any **three** : **6**

- (1) List out different Thread priorities.
- (2) Class vs. Interface
- (3) Explain importance of reflection.
- (4) Explain LINQ.
- (5) What is Constructor? List types of constructor.
- (6) What is namespace?

(b) Attempt any **three** : **9**

- (1) Explain exit controlled loop in C#.
- (2) Explain Exception in C#.
- (3) What is Class and Objects?
- (4) Explain Thread Synchronization
- (5) Explain HashTable.
- (6) What is method overloading? Give an example.

(c) Attempt any **two** : **10**

- (1) Explain Visual Studio IDE.
- (2) Explain overload indexer with example.
- (3) Explain architecture of ADO.NET.
- (4) Explain delegates with example.
- (5) Explain Stack with example.

3 (a) Attempt any **three** : 6

- (1) What is event?
- (2) List benefits of ADO.NET.
- (3) Give the name of any four classes that are available in System.Data Namespace.
- (4) Explain RadioButton.
- (5) Explain PictureBox.
- (6) Explain ToolTip.

(b) Attempt any **three** : 9

- (1) Explain sealed class in C#.
- (2) Explain DataSet.
- (3) Explain Multilevel Inheritance.
- (4) Explain Pointer to Array.
- (5) Explain ArrayList in C#.
- (6) Explain ComboBox.

(c) Attempt any **two** : 10

- (1) What is Interface? Explain how to create and use it with example.
- (2) Explain ListView control in detail.
- (3) Write C# application to insert a record into Book table (bid, title, author, price).
- (4) Write a C# console application to check given number is even or odd.
- (5) Write C# application to search a record from Employee table (eid, name, city, age) by city and display found record in GridView.
