

FIFTH SEMESTER **B.C.A.** DEGREE EXAMINATION, NOVEMBER 2014

(UG-CCSS)

Core Course

CA 5B 11—VISUAL PROGRAMMING USING C# .NET

Time : Three Hours

Maximum : 30 Weightage

I. Answer *all* questions :

- 1 _____ window displays all forms, modules, and other files contained in the application.
- 2 In terms of .NET runtime, the process of packaging is called _____
- 3 The _____ statement causes the control to go directly to the test condition and then continue the iteration process.
- 4 **MSIL** stands for _____
- 5 _____ type of variables retain their values throughout the program.
- 6 Polymorphism can be achieved by _____
- 7 Methods without method body is known as _____
- 8 _____ SQL statement is used to retrieve values for some or all of the fields from a table.
- 9 _____ object works like an interface between a data source and a **dataset**.
- 10 ADO stands for _____
- 11 _____ exception throws when a null value is provided as an argument.
- 12 _____ is the base class for system exceptions.

(12 x ¼ = 3 weightage)

II. Answer all *nine* questions :

- 13 Write short note on **JIT**.
- 14 What do you mean by **namespace** ?
- 15 What do you mean by event driven programming ?
- 16 Write short note on encapsulation.
- 17 What do you mean by abstract class ?
- 18 What are the importance of Data View object ?
- 19 What is the role of Value Member property of **ListBox** ?

Turn over

20 What do you mean by exception ?

21 Give any 4 pre defined exceptions in C# .Net.

(9 x 1 = 9 weightage)

III. Answer any *five* questions :

22 What are the benefits of .NET approach ?

23 Write short note on jump statements in C# ?

24 Write short note on constructors.

25 What do you mean by interface ? Explain the characteristics of an interface.

26 What do you mean by data binding ?

27 What do you mean by user defined exception ? Explain with an example.

28 Write short note on logical error and runtime error in C# .Net.

(5 x 2 = 10 weightage)

IV. Answer any *two* questions :

29 Explain different components of .NET platform.

30 Explain different type of inheritance supported in C#.

31 Write short note on try, catch and finally blocks. Give an example.

(2 x 4 = 8 weightage)