

FIFTH SEMESTER B.C.A. DEGREE EXAMINATION, NOVEMBER 2013**(UG-CCSS)****Core Course****CA 5B 11—VISUAL PROGRAMMING USING C#.NET**

Time : Three Hours

Maximum : 30 Weightage

I. Answer all *twelve* questions :

- 1 CTS stands for _____
- 2 Say True or False : C# and C#.NET are same.
- 3 CLS stands for _____
- 4 Say whether the following statement is correct :—
Static int Main (int args) }.
- 5 _____ is a property of Label.
- 6 The default manner in which a parameter is sent into a function is _____
- 7 Say true or false : Every C# class is provided with a default constructor.
- 8 Polymorphism provides a way for a subclass to define its own version of a method defined by its base class, using a process called
- 9 _____ property gets the location of the database mentioned by the connection object.
- 10 _____ object is used to submit SQL queries to the database in use.
- 11 Try and catch are used for _____
- 12 The motivation behind a _____ block is to ensure that a set of code statements will always execute, exception or not.

(12 x = 3 weightage)

II. Answer all *nine* questions :

- 13 Explain the function of common Language Runtime.
- 14 List the key features of C#.NET.
- 15 List intrinsic data types in C#.
- 16 What do you mean by enumeration ?
- 17 List and explain parameter passing mechanism.

Turn over

18 What do you mean by a sealed key word ?

19 What do you mean by Polymorphism ?

20 Give two examples of exception.

21 What do you mean by data binding ?

(9 x 1 = 9 weightage)

III. Answer any *five* questions :

22 Discuss the features of .NET.

23 With suitable examples, explain conditional statements.

24 How do you create and use Text and Combo boxes ? What are the important properties associated with them ?

25 With suitable example explain constructors and destructors.

26 Write notes on methods and events.

27 Explain structured exception handling with suitable examples.

28 Write notes on connection objects and command objects.

(5 x 2 = 10 weightage)

IV. Answer any *two* questions :

29 Write notes on :

(a) C#.NET and .NET framework.

(b) Visual Studio.NET.

(c) Just_in_Time Compiler.

(d) Benefits of .NET.

30 Develop necessary code to display the details such as capital, population and number of districts when name of a state is given as input.

31 Discuss inheritance with suitable examples.

(2 x 4 = 8 weightage)