BCA / M-14
INTRODUCTION TO .NET
Paper—BCA-366

Time allowed: 3 hours]   **[Maximum marks : 80**

Note: Attempt five questions in all. Select one question from each unit. Q. No. 1 is compulsory.

Compulsory question.

I. (a) What is the purpose of CTS in .Net Framework?

   (b) What are Keywords in C#?

   (c) What are various Arithmetic Operators in C#?

   (d) What are conditional control transfer statements in C#?

   (e) What is Default Constructor?

   (f) What is Inheritance?

   (g) What are various Data Types in C#?

   (h) What is Unary Operator?   2 x 8

Unit—I

2. (a) Define Net platform. Explain the purpose of CLR, CTS, and CLS.   8

   (b) Explain System Namespace.   8

3. (a) Explain Class Libraries in .Net Framework.   8

   (b) Explain structure of Assembly in .Net Frame work.   8

Unit - II

4. (a) Explain various Data Types in C#.   8

   (b) What is Type Declaration? Explain its components with example.   8

5. (a) Differentiate between Write 0 and Write line 0 methods.   8

   (b) Explain the concepts of Scope of Variables in C#.   8

Unit -111

6. (a) Why control structures are required in a program? Explain with example.   8

(b) Write a program to find the root of quadratic equation. 8

7. (a) Distinguish between Public and Private Modifier. 8

(b) Explain the characteristics of a constructor, 8

Unit—TV

8. (a) Explain various types of inheritance with example. 8

(b) How an exception handled in C#. 8

9. (a) Explain protected access specifier with example. 8

(b) Explain various types of Polymorphism. 8