BCA(V) — 503

2015

Time : 3 hours

Full Marks : 80

Candidates are required to give their answers in their own words as far as practicable.

The questions are of equal value.

Answer **five** *questions in which*

Q. No. 1 is compulsory.

1. (a) IDE stands for :

    (i) Integrated development environment

    (ii) Integrated deployement environment

    (iii) Integrated development entrepreneurship

    (iv) None of the above

   (b) Which of the following is not a .NET compaitable language :

    (i) C#

XM – 29/3

(ii) VB .NET

(iii) Java

(iv) Managed C++

(c) Which of the following is not a .NET framework component ?

(i) Base Class Library

(ii) CLR

(iii) JVM

(iv) MSIL

(d) Visual Studio .NET provides which feature :

(i) debugging

(ii) application deployment

(iii) syntax checking

(iv) All of the above

(e) Which does the solution explorer not display ?

(i) Form properties

(ii) Reference folder

(iii) Form file

(iv) Assemble file

(f) Which task is accomplished in the code editor ?

   (i) Adding forms to the project

   (ii) Adding controls to the form

   (iii) Adding events procedure to the form

   (iv) All of the above

(g) The Activated event is found only in which object ?

   (i) Form

   (ii) Button

   (iii) TextBox

   (iv) Label

(h) Which operator is evaluated first ?

   (i) NOT

   (ii) AND

   (iii) XOR

   (iv) OR

2. What is namespace ? Which namespaces are used for accessing the data ?

3. What is Polymorphism in object oriental programming and how it is implemented in .NET ?

4. Write short notes on any **two** of the following :

   (a) CLR

   (b) MSIL

   (c) Assemblies

5. Create following function using C# .NET / VB.NET :

   (a) To find the factorial of a given number

   (b) To print the prime numbers between 1 & 100

6. What is the difference between the following :

   (a) Namespace and assembly

   (b) VB .NET and C#

7. What is Rapid Application Development (RAD) tools ? Explain, briefly, the different components of visual studio IDE.

8. (a) What is the use of New Keyword and ReDIM Keyword ?

   (b) What is Garbage Collection ?

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