

2014

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

Time: 3 hours

Full Marks: 80

All questions are of equal values.

Answer any five questions in which **Q. No. 1** is compulsory.

1. (a) The .NET can be used to develop
  - i. Web Application
  - ii. Windows Application
  - iii. Mobile Application
  - iv. All of the above
- (b) MSIL stands for
  - i. Microsoft Intermediate Language
  - ii. Modular Source Intermediate Language
  - iii. Mode Source Intermediate Language
  - iv. None of the above
- (c) .NET reference type are
  - i. classes
  - ii. Interfaces
  - iii. Pointers and delegates
  - iv. All of the above
- (d) A do-while loop in C# executes at least
  - i. Twice
  - ii. 0 times
  - iii. Once
  - iv. None of the above
- (e) In .NET platform, VB.NET is
  - i. Purely object based Language
  - ii. Purely object oriented Language
  - iii. Purely event-driven Language
  - iv. None of the above

- (f) While control is used to select on option from set of options in VB.NET
- i. Radio Button
  - ii. Check box
  - iii. (i) & (ii) both
  - iv. None of the above
- (g) Dialog boxes are used in Windows based application to
- i. Display information to the user
  - ii. Collect information from the user
  - iii. Both (i)& (ii)
  - iv. None of the above
- (h) Iterative construct in C#/VB programming Language
- i. If
  - ii. Goto
  - iii. Break
  - iv. For
2. What is Language Processor (Translating Program)? Differentiate between interpreters and compilers
3. Explain object oriented programming (Oop) and its features.
4. What is inheritance? Explain different type of inheritance.
5. What is methods overloading?
6. Create following function using C#.NET/VB.NET
- (a) To print the largest number is an array of size 10
  - (b) To find H.C.F. of two given number
7. What is Integrated Development Environment (IDE) explain briefly.
8. Write short notes on any two of the followings
- (a) Asemblies
  - (b) Managed code
  - (c) Metadata

