



**G. H. Patel College of Engineering & Technology**  
**Gujarat Technological University**  
**171604 : DOT NET TECHNOLOGY**  
**Mid Semester Examination**  
**Semester I, Academic Year : 2011-12**

**Date: 5<sup>th</sup> September, 2011**  
**Maximum Marks: 30**

**Time: 4:00 P.M to 5:15 P.M**

**Notes:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

**Q-1**

- A Is .Net platform and language independent? If Yes then justify. [2]
- B Explain .net framework architecture with all components in detail. [4]
- C Briefly explain following: **(Any Four)** [6]
1. Assembly
  2. End to DLL hell
  3. Side by side execution
  4. Metadata
  5. Manifest
- D What is value type and reference type in .net? Explain with example. Also compare them. [3]

**Q-2**

- A Write a VB .NET program to implement property which control integer variable whose value must be within 1000 to 5000. [2]
- B Explain indexer in C# with example. [2]
- C Briefly explain the use of following control.**(Any Six)** [6]
- |                |                |                       |
|----------------|----------------|-----------------------|
| 1. Richtextbox | 2. Panel       | 3. Image list         |
| 4. Tab         | 5. Tree view   | 6. Timer              |
| 7. Link label  | 8. Notify icon | 9. Printpreviewdialog |
- D List different collections/data structures in .net. Explain any one with example. [2]
- OR**
- D What is generic in .net? Explain it with example. [2]
- E Write a VB .net program to copy one text file to another text file. [3]
- OR**
- E Explain any three mouse events in vb .net with example. [3]

\*\*\*\*\* BEST OF LUCK \*\*\*\*\*