

B.Sc. III (with Credits)-Regular-Semester 2012 Sem VI  
**B.Sc.4514-Computer Science Paper-II : Elective - I : VB.NET**

P. Pages : 2

Time : Three Hours



**GUG/W/16/5631**

Max. Marks : 50

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- Notes : 1. All questions are compulsory and carry equal marks.  
2. Draw neat and labelled diagram wherever necessary.

**Either**

1. a) Explain the architecture of .Net framework. 5  
b) Give brief description of Assemblies. 5

**OR**

- c) Explain Architecture of Garbage Collection. 5  
d) Explain platform independence in detail. 5

**Either**

2. a) Write the procedure to execute and compile using command prompt with example. 5  
b) Explain the option statement with example. 5

**OR**

- c) Explain the Datatypes in Vb.net. 5  
d) Explain the type casting with suitable example of changing one datatype to another datatype. 5

**Either**

3. a) Explain : 5  
i) Shadowing ii) Sealed class  
b) Explain the Generics with example. 5

**OR**

- c) Explain Basic control of windows Application with their working. 5  
d) Explain Error handling in detail. 5

**Either**

4. a) Explain Data set in detail. 5  
b) Explain connected and disconnected environment with example. 5

**OR**

- c) Explain ADO.Net. 5
- d) Explain crystal Reports in brief. 5
- 5. Solve all the questions.
- a) Explain CLR function. 2½
- b) Explain sub programs in VB.Net. 2½
- c) Explain events and their types. 2½
- d) Discuss the limitations of ADO. 2½

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