

M.C.M. - II CBCS Pattern Semester-IV
PMCMT403.1 - Paper-III : Elective-I : VB .NET

P. Pages : 2

Time : Three Hours



GUG/S/24/10781

Max. Marks : 80

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- Notes : 1. All questions are compulsory and carry equal marks.
2. Draw neat and labelled diagrams wherever necessary.
3. Avoid vague answers and write answers relevant and specific to questions only.

Either

1. a) What do you mean by .NET framework? Explain its architecture. 8
b) Write a detail note on Platform Independency and CLS. 8

OR

- c) Explain the architecture of GC and its application Domain in detail. 8
d) Demonstrate the basic functionality of CLR. 8

Either

2. a) Explain the Windows form integration in detail. 8
b) Discuss the features of VB.NET in detail. 8

OR

- c) Explain the basic data types available in VB.NET with example. 8
d) Write a program in VB.NET to demonstrate one Built-In Function. 8

Either

3. a) What is OOP? Explain the principles of OOP in detail. 8
b) Write a detail note on Abstract Class and Sealed Class. 8

OR

- c) What do you mean by Delegate? Explain Unicast and Multicast delegates in brief. 8
d) Explain the concept of Event Driven Programming in detail. 8

Either

4. a) What do you mean by Access Libraries? Discuss DAO in detail. 8

b) Enlist the limitations of ADO and also describe its usage. **8**

OR

c) Demonstrate Data Adaptor and Data Sets. **8**

d) Explain the Crystal Report in detail. **8**

5. Attempt all the questions.

a) Write a note on MSIL. **4**

b) Demonstrate Type Casting in VB.NET. **4**

c) Explain Structured Error Handling in vb.net. **4**

d) Explain the N-Tier Database Applications. **4**
