

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

P. Pages : 2

Time : Three Hours



GUG/W/24/10781

Max. Marks : 80

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- Notes :
1. All questions are compulsory and carry equal marks.
 2. Draw neat and labelled diagram and use supporting data whenever necessary.
 3. Avoid vague answer and write specific answer related to question.

Either :

1. a) What is .Net Framework? Explain the basic functionality of CLR. 8
- b) What is Garbage collection? Explain. 8

OR

- c) Explain CTS and CLS in detail. 8
- d) What is Assemblies? Explain in detail. 8

Either :

2. a) List and explain the features of VB.Net. 8
- b) Explain the concept of Boxing and Unboxing in detail. 8

OR

- c) Write a detail note on Refactoring and Enhancement. 8
- d) Write a program in VB.Net to change the dimension of one array into another using redim statement. 8

Either :

3. a) What is method overloading? Explain. 8
- b) Write a console application to print star (*) in triangular format. 8

OR

- c) Explain the concept of Event Driven Programming. 8
- d) Write a detail note on : 8
 - i) Data Encapsulation.
 - ii) Data Abstraction.

Either :

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| 4. | a) | What is ADO? List and explain the limitation of ADO. | 8 |
| | b) | Explain how to use stored procedure in detail. | 8 |

OR

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|-----------|----|---|----------|
| | c) | Write a note on Data Relation and Data Set. | 8 |
| | d) | Explain connected and disconnected Environment in detail. | 8 |
| 5. | | Solve all the questions. | |
| | a) | Explain the concept of platform independence in detail. | 4 |
| | b) | What is Type Casting? Explain. | 4 |
| | c) | What is Inheritance? Explain with example. | 4 |
| | d) | Explain the concept of connection pooling. | 4 |
