

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

P. Pages : 2

Time : Three Hours



GUG/S/25/10781

Max. Marks : 80

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

Either:

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|----|----|--|---|
| 1. | a) | What is .Net Framework? Explain it. | 8 |
| | b) | Explain the Language Interoperability in detail. | 8 |

OR

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|----|-------------------------------------|---|
| c) | Explain basic Functionality of CLR. | 8 |
| d) | Write a note on. | 8 |
| | i) CTS | |
| | ii) CLS | |

Either:

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|----|----|---|---|
| 2. | a) | What are the basic elements of programming? Explain | 8 |
| | b) | Discuss Boxing and Unboxing in VB.NET in detail. | 8 |

OR

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|----|---|---|
| c) | Explain the features of VB.NET in detail. | 8 |
| d) | Write a note on. | 8 |
| | i) Type Casting. | |
| | ii) Built in Functions. | |

Either:

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| 3. | a) | What are the principle of OOPS? Explain | 8 |
| | b) | Write a program to print star in triangular format. | 8 |

OR

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|----|---|---|
| c) | Explain the following. | 8 |
| | i) Data Encapsulation | |
| | ii) Data Abstraction. | |
| d) | What is Error Handling? Explain the structured of error handling in detail. | 8 |

Either:

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|-----------|----|--|----------|
| 4. | a) | What is Data Binding? Explain with suitable example. | 8 |
| | b) | Explain N-Tier Database Application in detail. | 8 |

OR

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|-----------|-----|---|----------|
| | c) | What is ADO.Net? Explain the limitation of ADO.Net. | 8 |
| | d) | Write a note on. | 8 |
| | i) | Data Reader. | |
| | ii) | Data Adapter. | |
| 5. | | Solve all the questions. | |
| | a) | Write a note on MSIL. | 4 |
| | b) | Explain type casting in detail. | 4 |
| | c) | Explain constructor with example. | 4 |
| | d) | What is XML? Explain in detail. | 4 |
