

MCA/D06
Visual Programming With visual Basic
MCA -302

Time : 3 Hours

MM:50

Note:- Attempt Five questions in all, selecting One question from each unit.

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| 1(a) | Differentiate between Visual and Non-Visual programming. | 5 |
| (b) | Explain in brief following terms: | |
| | (i) Method | |
| | (ii) Properties | |
| | (iii) Events | 5 |
| 2 | Explain the concept of object-based event-oriented languages. How can you say VB is such type of a language? | 10 |
| 3 | Explain VB integrated development environment along with its elements in brief. | 10 |

UNIT -II

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| 4 | Differentiate between: | |
| | (i) Function and Sub | |
| | (ii) Static and Dynamic Array | |
| | (iii) Array and Collection | |
| | (iv) Lifetime and scope of variables. | 10 |
| 5(a) | Expalin different control structures in VB in brief. | 5 |
| (b) | Write a short note on Dynamic memory. | 5 |
| 6(a) | Differentiate between: | |
| | (i) Activate and Deactivate events | |
| | (ii) Load and Unload statements. | 5 |
| (b) | Explain Drag and Drop operation in a form with the help of a small VB program. | 5 |

UNIT-III

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| 7 | Write short notes on: | |
| | (i) Common Dialogue Box | |
| | (ii) Multiple Document Interface | 10 |
| 8(a) | Explain the various file controls available in the toolbox. | 5 |
| (b) | Write down the main properties and methods of the following controls: | |
| | (i) Text BoxControl | |
| | (ii) List BoxControl | 5 |

- 9 Explain various methods of connecting database with VB. Which of the methods is most suitable to different types of database? Explain its properties and methods in detail. 10
- 10(a) How can you build your own Active-X control? Explain the steps required with the help of an example. 6
- (b) Differentiate between ActiveX DLL and Active x EXE 4