

Roll No. ....

Total Pages : 3

OMCA/D-19

10181

**VISUAL PROGRAMMING**

Paper-MCA-302

Time Allowed : 3 Hours]

[Maximum Marks : 80

**Note:** Attempt any **five** questions, selecting at least **one** question from each Unit. All questions carry equal marks.

**Compulsory Question**

1. (a) Enlist the major events in VB.
- (b) How variables are different from constants?
- (c) Enlist the purpose of slider control and its major properties.
- (d) What do you mean by manual drag and how can you apply it?
- (e) Enlist the various ways to write the contents to a sequential file in VB.
- (f) What is purpose of using Paint method?
- (g) Comment on the need of Active X DLL.
- (h) Enlist the various data controls. 8×3=24

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**UNIT-I**

2. Explain the IDE of visual basic in detail. 14
3. (a) Discuss various statements, functions and controls in context with input/output in VB with the help of suitable examples. 7
- (b) How arrays can be used in VB? Explain with suitable examples. How can we create dynamic arrays? Explain. 7

**UNIT-II**

4. Write a program in VB using MDI form and having a menu on the MDI form to perform the basic tasks of a text editor such as formatting text, editing text, etc. 14
5. Explain following in brief: 14
  - (i) List View
  - (ii) Toolbar
  - (iii) Progress bar
  - (iv) Cool bar.

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### UNIT-III

6. (a) How can you draw freehand with mouse in VB?  
Explain with suitable example. 7
- (b) Discuss following concepts with reference to form  
(also give examples)
- (i) Load and Unload statements
  - (ii) Hide and Show methods
  - (iii) Load, Unload and Activate events. 7
7. (a) How many types of files can be created in VB?  
Explain the use of each type of file using suitable  
examples. 7
- (b) Describe the various features of OOP that can  
be used in VB and support them with suitable  
examples. 7

### UNIT-IV

8. How can you create and use Active-X controls? Explain  
by creating a complete Active-X control. 14
9. (a) How can you create and use OLE in VB? 7
- (b) How an e-mail can be send via a VB program?  
Explain. 7