

Roll No.

Total Pages : 2

MCA/DX

5527

VISUAL PROGRAMMING

Paper : MCA-302

Time : Three Hours]

[Maximum Marks : 80

Note : Q. No. 1 is compulsory. In addition, attempt exactly *one* question from each unit.

(Compulsory Question)

1. In Visual Basic context, comment on the following :

- (a) RAD-environment.
- (b) Event-oriented.
- (c) Object-based.
- (d) Application-oriented.
- (e) Graphics-oriented.
- (f) Arrays.
- (g) Collections in VB.
- (h) Windows-based.

8×3=24

UNIT-I

- 2. List the standard controls found in Tool Box of VB. Also, describe salient features of these controls.** 14
- 3. Describe the rules, conventions and methods of declaring identifiers in VB. Discuss the scope and life-time rules applicable in VB. Explain with examples.** 14

UNIT-II

4. Explain the importance of Common Dialog Control in Windows/VB applications. Also, describe other major properties and methods of the Common Dialog Control. 14
5. Compare and contrast the following : 5
- (a) SDI and MDI applications. 5
 - (b) Tree view and List view. 5
 - (c) MDI and Multiple form applications. 4

UNIT-III

6. With the help of example code segments illustrate the use of code modules and class modules in VB. Underline the importance of start-up module in VB projects. 14
7. Answer following parts by giving examples wherever possible : 7+7
- (a) File handling and related controls in VB.
 - (b) Graphics programming in VB.

UNIT-IV

8. Describe the properties and methods of Web Browser and Internet Transfer Controls of VB6.0 by giving suitable coding examples. 14
9. Describe various ways in which Active-X controls may be developed in VB environment. Supplement your answer with coding examples. 14