

MCA/D07  
Visual Programming With visual Basic  
MCA -302

Time : 3 Hours

MM:50

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

1. Discuss various issues that have to be kept in mind while designing a Visual program. How a Visual program design is different from Non-Visual program?  
10
2. Discuss the following elements of VB IDE:
  - (i) Project explorer
  - (ii) Property Window
  - (iii) Form layout
  - (iv) Form designer
  - (v) Immediate window  
10
- 3(a) Name and explain briefly any five applications that can be developed in VB. 5
- (b) "VB is an Object-based language" Comment. 5

### UNIT-II

- 4 How variables can be declared in vb? Discuss various types of variables. What do you mean by lifetime and scope of variables? Differentiate between variables and constant.  
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- 4 Discuss the major properties of a form in vb. Explain following term w.r.t. VB and also write a program in VB to implement the use of these.
  - (i) Load and Unload statement
  - (ii) Show and Hide method
  - (iii) Active and Deactive event.  
10
- 6(a) Whether menus can be changed at run time in VB? If yes, explain the procedure for that. 5
- (b) What do you understand by procedures in VB ? Discuss various ways of passing arguments in the procedures. 5

### UNIT-III

- 7 Write short notes on:
  - (i) Progress bar
  - (ii) Tree View
  - (iii) List View
  - (iv) Slider control
  - (v) Tabstrip control  
10

- 8(a) What do you understand by control array? Write down advantages of control array. How it can be created? Explain with the help of an example. 5
- (b) Write short note on Active-X control. 5
- 9 Write down major properties and methods of ADO. Using these properties and method create a VB program to pick data from a database and perform a few operations such as adding a new record, deleting, moving, updating etc. 10
- 10(a) Explain different web-enabled application available in VB in brief. 5
- (b) Write short note on MDI 5