

MCA/D08  
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. Explain the concept of object-based event-oriented language. How can you say VB is such type of language. 10
2. Name all types of projects that can be chosen from project dialogue box. Give a brief explanation of each type of application. 10
- 3(a) Discuss the terms properties, methods, events and statements. Also discuss similarities and differences between them 5
- (b) Write down various tools available in toolbox in VB and explain their purpose in brief. 5

UNIT – II

- 4 Differentiate between:
  - (i) function and Sub.
  - (ii) Variables and constants
  - (iii) Array and collection
  - (iv) Lifetime and scope of variables. 10
- 5 Describe the concept of dynamic forms and dynamic menus in detail with the help of examples. 10
- 6(a) Differentiate between automatic drag and manual drag. Discuss the cases where manual drag becomes better than automatic drag. 5
- (b) Write and explain any five library function available in VB in brief. Explain the different ways through which argument can be passed in a function. 5

UNIT –III

- 7 Write short notes on:
  - (i) Graphics Programming in VB
  - (ii) Common Controls in VB
- 8(a) Explain how DLLs can be used in VB applications? 5
- (b) Write short notes on web Enable applications in VB 5
- 9 What do you understand by activeX technology? Explain the concept of Active X Clients, Active X Servers, Active X Controls, and Active X Documents in brief. 10
- 10 Differentiate between ADODC and DAODC. Create an application using either of these to connect VB to a database and retrieve the data and manipulate that data performing adding new record, deleting, editing, etc. The database design and form design must also be clearly specified. 10

