

VISUAL BASIC

Time : 3 Hours

Maximum Marks : 90

Note : Q. No. 1 is compulsory. Attempt four questions more, selecting one question from each unit. All questions carry equal marks.

(Compulsory Question)

1. a) Distinguish between Visual and Non-visual programming.
- b) What do you mean by Event-driven programming?
- c) How can you convert one type of variable into another?
- d) How can you exit from a loop abnormally?
- e) How can you declare and define an array of array?
- f) What is popup menu? How can you create it?

Unit-I

2. Explain IDE of VB in detail.
3. a) Why VB is termed as event-driven object-based language? Explain.
- b) Differentiate between Procedural and Event-driven languages.

Unit-II

4. What do you mean by Variable? How can you declare and define a variable in VB? Discuss the scope and lifetime of variables in VB. How variables are different from constants?
5. Describe various controls, functions and statement for performing I/O in VB with suitable examples.

Unit-III

6. Differentiate between the following :
 - i) Array and Collection.
 - ii) Static array and Dynamic array.
7. Describe various control structures in VB in detail.

Unit-IV

8. Write a program in VB to design calculator able to perform all the basic operations. Also show the design of appropriate forms.
9.
 - a) How can you perform following in VB when you are handling multiple forms?
 - i) Loading and Unloading a form.
 - ii) Hiding and showing a form.
 - iii) Activate and Deactivate events.
 - b) Differentiate between a Function and Sub.

