

Roll No.

Total Pages : 03

GSQ/D-23

1137

PROGRAMMING USING VISUAL BASIC
BCA-355

Time : Three Hours]

[Maximum Marks : 80

Note : Attempt *Five* questions in all, selecting *one* question from each Unit. Q. No. 1 is compulsory. All questions carry equal marks.

Compulsory Question

1. Answer the following questions in short : 16

- (a) What are the methods in VB ?
- (b) What is the use of Exit Statement ?
- (c) What are static variables ?
- (d) Define Checkbox control in VB.
- (e) Write down the syntax of using optional arguments in creating functions.
- (f) Explain Object Variables.
- (g) What are the advantages of using procedure ?
- (h) Explain Intrinsic Constant.

Unit I

2. What is IDE ? Discuss the following components

IDE :

- (a) Toolbar
 - (b) Project Explorer
 - (c) Form Layout
 - (d) Immediate Window.
3. (a) Differentiate between Procedural and Object Oriented Programming.
- (b) Explain the Important features of VB.

Unit II

4. Explain different types of operators used in VB.
5. What is data type ? What are the various user defined data types ?

Unit III

6. Explain the following :
- (a) Static and Dynamic Arrays
 - (b) Array of Arrays
 - (c) If-then-else statement.
7. What are various looping statements used in VB ? Explain with suitable example.

8. (a) What is function and how does it differ from subroutine ? 8
- (b) Explain Call by Value and Call by Reference methods for passing the parameters. 8
9. Write a program in VB to find greatest among given numbers. 16