

Bachelor of Science (Information Technology) (I.T.) Semester—V (C.B.S.) Examination

VB PROGRAMMING

Paper—5

Time : Three Hours]

[Maximum Marks : 50

- N.B. :—** (1) **ALL** questions are compulsory and carry equal marks.
(2) Draw neat labelled diagrams wherever necessary.

EITHER

1. (a) Write short notes on the following : 5
 - (i) Form Layout Window
 - (ii) Property Window.
- (b) Explain lifetime and scope of variables. Write a program to demonstrate the scope of variables. 5

OR

- (c) Explain the following controls with example : 5
 - (i) Drive List Box
 - (ii) File List Box.
- (d) Describe the following structures with suitable example : 5
 - (i) Do ---- While
 - (ii) While ---- Wend.

EITHER

2. (a) Explain arrays in detail. Write a program to demonstrate dynamic array. 5
- (b) Explain various application modules of Visual Basic. 5

OR

- (c) What is conversion function ? Explain any four conversion functions with suitable example. 5
- (d) What is a procedure ? Write a program to pass arguments by value to the procedure. 5

EITHER

3. (a) Explain how to create menu controls using Menu Editor. 5
- (b) Explain how a Database is created using Visual Data Manager. 5

OR

- (c) What is popup menu ? Explain how it is created. 5
- (d) How can a database be accessed using data control data 1 ? Explain. 5

EITHER

4. (a) Explain Data Environment in detail. 5
- (b) Explain the following Advanced Data Controls : 5
 - (i) Data Grid Control
 - (ii) MsflexGrid Control.

OR

- (c) Explain ADO object methods in detail. Explain Add New, Update and Delete methods. 5
- (d) What is runtime error ? Explain error handling mechanism in VB. 5
- 5. Attempt **ALL** :
 - (a) Explain explicit declaration of variables with example. 2½
 - (b) Differentiate between functions and subroutines. 2½
 - (c) Write a short note on assigning access keys and shortcut keys to menu using Menu Editor. 2½
 - (d) Write a note on Data Report. 2½