

Bachelor of Science (B.Sc.) Semester—V (C.B.S.) Examination

COMPUTER SCIENCE

Paper—1

(Visual Basic Programming)

Time : Three Hours]

[Maximum Marks : 50

N.B. :— (1) **ALL** questions are compulsory and carry equal marks.

(2) Illustrate your answers with suitable diagram wherever necessary.

EITHER

1. (a) Explain Event–Driven programming model in VB. 5
- (b) Write notes on :—
 - (1) Project Explorer Window
 - (2) Form Layout Window. 5

OR

- (c) Design a form in VB to find whether string is equal or not. 5
- (d) Write short notes on :—
 - (1) Scrollbar control
 - (2) Timer
 - (3) Check Box
 - (4) DirList Box. 5

EITHER

2. (a) Explain control array in VB. 5
- (b) Explain in detail date and conversion functions ? 5

OR

- (c) What is dynamic array ? Explain how size of dynamic array can be changed during runtime. 5
- (d) What is Procedure ? Write a procedure to find the factorial of a given number. 5

EITHER

3. (a) Explain in detail Menu Editor in VB. 5
(b) What are Common Dialog Boxes ? Explain any two in detail. 5

OR

- (c) Write and explain data control, its properties and methods. 5
(d) Create the Database of the following structure using Data Control Method :

| | |
|---------------|----------------------|
| Employee Name | <input type="text"/> |
| Employee ID | <input type="text"/> |
| Employee Sal. | <input type="text"/> |

EITHER

4. (a) What is ADODC control ? Explain it with suitable example. 5
(b) Write notes on :—
(1) ADO
(2) RDO. 5

OR

- (c) Explain Data Environment and data report in detail. 5
(d) Explain any one Data Bound control. 5
5. (a) Explain the properties window in V.B. 2½
(b) Differentiate between procedure and function in V.B. 2½
(c) Explain methods of Data control. 2½
(d) What is Active-X Designer control ? Explain in detail. 2½