

**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 : 5

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