TKN/KS/16 – 5969

Third Semester B. C. A. Examination

VISUAL BASIC PROGRAMMING

Paper – I

Time : Three Hours]   [Max. Marks : 50

N. B. : (1) All the questions are carry equal marks.

EITHER

1. (a) What is Event Driven Programming ? What are the features of VB ?   5

    (b) Explain Menu Bar and Project, Explorer window.   5

OR

    (c) Write a program to find the smallest Number among three numbers.   5

    (d) What are different Data types used in Visual Basic.   5

EITHER

2. (a) Write short note on :—

        (i) form module

        (ii) standard module.   5

    (b) What is An Array ? Write and explain about dynamic array and control Array.   5

OR

    (c) What are different, Date functions used in VB ?   5

    (d) Write a program for 2– dimensional array having name matrix A with 3×3 elements.   5

EITHER

3. (a) Write a program in VB to create menu. (File menu with 5 options).   5

    (b) Write the steps for accessing database using data control.   5

OR

    (c) Write a short note on Pop–Up menu ? State how you will make any option bold.   5

    (d) What is Data control ? Discuss data control Events and properties with suitable example.   5

EITHER

4. (a) What is ADO ? What are the advantages of ADO over DAO ?   5

    (b) Write down the steps to create ADO objects in visual Basic ?   5

OR

    (c) Explain data list and data combol data controls.   5

    (d) How run time error occurs in VB ? Explain it with suitable example.   5

EITHER

5. (a) Explain timer control. $2\frac{1}{2}$

    (b) What are different conversion functions. $2\frac{1}{2}$

    (c) What is menu editor $2\frac{1}{2}$

    (d) What is ODBC ? $2\frac{1}{2}$