

Fifth Semester B. Sc. Examination

COMPUTER SCIENCE

Paper – I

(Visual Basic Programming)

Time : Three Hours]

[Max. Marks : 50

- N. B. : (1) All questions are compulsory and carry equal marks.
(2) Draw neat and labelled diagram wherever necessary.

EITHER

1. (a) Explain Tool Bar and project Explorer Window. 5
(b) Explain If....Then, If....Then....Else decision structure with example. 5

OR

- (c) Explain Do---while and for----Next loop structure with an example of each. 5
(d) Explain the following :—
(1) Label Control.
(2) Command Button Control. 5

EITHER

2. (a) What is an Array ? Explain Dynamic Array with example. 5

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Contd.

- (b) Write VB code demonstrate passing arguments to procedure and function. 5

OR

- (c) Explain string and math functions. 5
(d) Write subroutine for click event to find factorial of a given number. 5

EITHER

3. (a) How Menu is created ? Explain with suitable example.
(b) Give the difference between MDI and SDI. 5

OR

- (c) Write down steps to create and access database using data control. 5
(d) How will you create popup Menu ? Explain. 5

EITHER

4. (a) What is ADODC ? Write steps to access database using ADODC. 5
(b) Explain the following advanced Data Control :—
(1) Data Grid Control.
(2) MSF Flex Grid control. 5

OR

- (c) Write short note on Data Report in VB. Give steps to create a report in VB. 5
(d) Write short note on Error Trapping and Error Handling. 5

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Contd

5. (a) Explain various operators supported by VB. $2\frac{1}{2}$
(b) Differentiate subroutine and function. $2\frac{1}{2}$
(c) What is a database ? Explain the concept of it. $2\frac{1}{2}$
(d) Write short note on Data Environment. $2\frac{1}{2}$