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R—339—2017

FACULTY OF SCIENCE

B.Sc. (Third Year) (Sixth Semester) EXAMINATION

MARCH/APRIL, 2017

COMPUTER SCIENCE

Paper XIV

(Programming in Visual Basic)

(Saturday, 29-4-2017)

Time : 10.00 a.m. to 12.00 noon

Time—2 Hours

Maximum Marks—40

N.B. :— (i) All questions are compulsory.

(ii) Figures to the right indicate full marks.

(iii) Draw well labelled diagram wherever necessary.

1. Solve any *four* : 8

(a) How to define variable and constant in VB.

(b) Explain 'Mouse Move' event with example.

(c) Explain the following form properties :

(i) Startup position

(ii) Max button.

(d) Explain "Msgbox" statement with example.

(e) What is array ? How to define array in VB.

(f) Explain the following properties of command button :

(i) Enable

(ii) Visible.

2. Attempt any *two* of the following : 8

(a) Explain the cocnept of event driven programming.

(b) Explain data type in VB.

(c) Write a VB program to find a factorial of number which is divisible by 3. (Show form design).

P.T.O.

3. Attempt any *two* of the following : 8
- (a) Explain with example looping statement in VB.
 - (b) What is MDI ? Explain with example use of MDI forms.
 - (c) Write a VB program to demonstrate use of checkbox and option button (Show form design).
4. Attempt any *one* of the following : 8
- (a) Explain types of VB project and VB editions.
 - (b) Explain in detail functions and procedure with example.
5. Write short notes on (any *two*) : 8
- (a) Built in function
 - (b) Form event
 - (c) File handling
 - (d) Testing and debugging.