Name : ……………………………………………………………

Roll No. : ……………………………………………………………

Invigilator's Signature : ……………………………………

CS/MCA/SEM-5/MCAE-502B/2010

2010

WINDOWS PROGRAMMING WITH VB

Time Allotted : 3 Hours   Full Marks : 70

The figures in the margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

GROUP – A

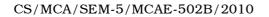### (Multiple Choice Type Questions)

1. Choose the correct alternatives of the following :

$5 \times 2 = 10$

   i)   Visual Basic data report files are saved with an extension

   a) .vbp   b) .dsr

   c) .mdi   d) .frm

   ii) By default parameters are passed in VB by

   a) value   b) reference

   c) name   d) value reference.

iii) To find out the length of a string S, ... is used in VB.

a) S. length   b) S. length( )

c) strlen (S)   d) len (S)

iv) Visual Basic is a / an

a) object oriented language

b) object based language

c) procedural

d) none of these.

v) To prevent user to enter character other than 0 to 9 in a text box the code should be written in .... event.

a) LostFocus   b) GotFocus

c) Change   d) Keypress.

GROUP – B

(Short Answer Type Questions)

Answer the following.   3 ∞ 5 = 15

2. a) How is a single dimensional array declared in VB ?

b) How can we create dynamic arrays ? Explain with relevant examples.

c) Discuss the usage of the 'Preserve' keyword with examples.   1 + 2 + 2

3. Write a Visual Basic procedure (not function) that will add two integers and return their sum by some reference variable. Also write example code to demonstrate call of that procedure. 5

4. Differentiate between :

   a) ODBC and OLEDB

   b) COM and DCOM. 2 + 3

GROUP – C

(Long Answer Type Questions)

Answer the following. 3 ∞ 15 = 45

5. a) What are the advantages of MDI forms and its features ? Explain the arrange function to arrange child forms in an MDI form.

   b) Explain the use of timer control with code samples.

   10 + 5

6. a) Explain the use of Drivelistbox, dirlistbox and filelistbox with code sample that can be used to link them.

   b) Differentiate between check box and option button. Explain the procedure to place two sets of option button on same form. 9 + 6

7. Write short notes on any *three* of the following : 3 ∞ 5

   a) MSHFlexGrid control

   b) Data environment control

   c) HScrollBar control

   d) CommonDialog control.