



Name :

Roll No. :

Invigilator's Signature :

CS/MCA/SEM-5/MCA-E-502B/2011-12

2011

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 for the following :

10 × 1 = 10

- i) Visual basic is a/an
 - a) Fully Object Oriented Language
 - b) Object Based Language
 - c) Procedure Oriented Language
 - d) None of these.

- ii) In Visual Basic, "ReDim" is used to
 - a) increase the size of the array
 - b) decrease the size of the array
 - c) both (a) and (b)
 - d) change the dimension of the array.



- ix) Which of the following is not an MDI application ?
- a) Microsoft Word
 - b) Microsoft Excel
 - c) Microsoft Power Point
 - d) Notepad.
- x) is designed as an easy-to-use application level interface to microsoft's newest and most powerful data access paradigm, OLE DB.
- a) ODBC
 - b) ADO
 - c) RDO
 - d) DAO.

GROUP – B

(Short Answer Type Questions)

Answer any *three* of the following. $3 \times 5 = 15$

2. What is dynamic array ? How you can increase the size of the dynamic array without removing its content ? What is array of arrays ? Explain with some suitable example. $1 + 1 + 3$
3. What do you mean by "call by value" and "call by reference" ? Explain with some example. $2 + 3$
4. a) What is control array ? Explain with examples how to create them. What is their use ?
b) Explain both index parameter and index property related to control array. $3 + 2$
5. a) What is the use of the immediate window ? Explain.
b) Discuss about different forms of variable declarations in VB. $2 + 3$
6. Write a program to input a number (by using inputbox) and show that number is palindrome or not by using a messagebox.



GROUP – C

(Long Answer Type Questions)

Answer any *three* of the following. $3 \times 15 = 45$

7. a) Differentiate between MsgBox and InputBox. 3
b) Write a program that will take four integer numbers using InputBox() function and display the product, the sum of factorial of each number using MsgBox() function. 8
c) How can you create a pop-up menu ? 4
8. a) What is procedure ? How many types of procedure are there in VB ? 2 + 1
b) What are the differences between them ? 4
c) How can you pass unknown number of arguments to a procedure ? Explain with some example. 5
d) What is "Named Arguments" ? Explain. 3
9. a) Explain how you can create a pop-up menu. 4
b) Write a VB program to insert n numbers into a sequential file. Next all the prime numbers are printed after reading from the file. 6
c) What is the use of Paramarray ? Where is it used ? Explain with suitable examples. 5
10. a) Describe the different ways to access files in visual basic. 6
b) Write a program to input a list of numbers (up to a range) and sort (in ascending order) those numbers by using the selection sorting and display those numbers. 9
11. Write short notes on any *three* of the following : 3 × 5
a) Encapsulation
b) Project Explorer
c) Common Dialog Box
d) Clipboard
e) Menu Editor
f) DAO.