



ENGINEERING & MANAGEMENT EXAMINATIONS, DECEMBER - 2008
WINDOWS PROGRAMMING WITH VB
SEMESTER - 5

Time : 3 Hours]

[Full Marks : 70

GROUP - A

(Multiple Choice Type Questions)

1. Choose the correct answer of the following : 10 x 1 = 10

i) Which control is not visible in runtime ?

- a) Text box
- b) Slider
- c) Timer
- d) Combo box.

ii) User can enter data using the following function

- a) Input Box
- b) MSG box
- c) Both of them
- d) None of these.

iii) By which control we can use both horizontal and vertical scroll bar ?

- a) List Box
- b) Combo box
- c) Slider
- d) Text box.

iv) In Visual Basic, if data type of the variable is not declared, then by default it takes

- a) Integer
- b) Double
- c) Long
- d) Variant.

v) Visual Basic is a

- a) Fully Object Oriented Language
- b) Object Based Language
- c) Procedure Oriented Language
- d) None of these.

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- vi) An MDI form should have
 - a) only one child form
 - b) only one parent form
 - c) both (a) and (b)
 - d) at least one child form.

- vii) Which of the following control is treated as an editor in VB ?
 - a) Rich Text box control
 - b) Text box
 - c) List Box
 - d) Slider.

- viii) A control containing a collection of Button objects is
 - a) Status Bar
 - b) Tool Bar
 - c) Image List
 - d) List View.

- ix) An Active X DLL is
 - a) In-Process Server
 - b) Out-Of-Process Server
 - c) Both (a) & (b)
 - d) None of these.

- x) The property returning the number of items in the list control is
 - a) List Index
 - b) List Count
 - c) Text
 - d) MultiSelect.

GROUP - B

(Short Answer Type Questions)

Answer any three of the following. 3 × 5 = 15

- 2. a) What do you mean by "Integrated Development Environment" ? 2
- b) "Visual Basic provides us a complete set of tools to simplify Rapid Application Development (RAD)". — Justify, 3
- 3. a) What do you mean by scope of a variable ? 2
- b) Distinguish between Module level and Procedure level variables. 3
- 4. What is a record set ? Differentiate between Active X DLL & Active X EXE.
- 5. What is Dynamic Array ? In what situations is it used ? Explain with an example.
- 6. How can you add the ADO control in your application ? What do you mean by Connection String and Record Source in ADO data control ? 2 + 3

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GROUP - C

(Long Answer Type Questions)

Answer any *three* questions.

3 × 15 = 45

- 7. a) What is event driven programming ? 3
- b) What is menu structure ? How can we use menu in a window application ? 3 + 4
- c) How can we create a pop-up menu ? 3
- d) Distinguish between procedure and function. 2
- 8. a) Differentiate between Input Box and MSG Box. 3
- b) Write a program that inputs three different integers using *Input Box* function & prints the Sum, the Average, the Product, the smallest & largest of these numbers on the form. 6
- c) Using Timer control in a form show the current time and date after it is being loaded. 6
- 9. a) Write syntax for creating sequential files in VB. Also explain how to read the content from an existing file. 7
- b) Write a program in VB to test whether a number is a perfect number or not. 8
- 10. a) What are the differences between ActiveX EXE and ActiveX DLL ? 5
- b) Differentiate between property Let property Get property Set procedures. 5
- c) Explain the differences between DDE and OLE. 5
- 11. What is procedure ? How many types of procedures are there in Visual Basic ? What is the basic difference between them ? Write the steps to create and call a procedure in VB application. What is the difference between call by value and call by reference ? 2 + 1 + 2 + 6 + 4
- 12. a) What is the purpose of menu editor ? How is menu.editor accessed ? 4
- b) What do you mean by API ? 1
- c) Write a windows API application to determine the position of the mouse when it is moved in the text boxes. 10

END