



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 × 1 = 10
- i) Which control is not visible in runtime ?
- | | | |
|-------------|---------------|----------------------|
| a) Text box | b) Slider | |
| c) Timer | d) Combo box. | <input type="text"/> |
- ii) User can enter data using the following function
- | | | |
|-----------------|-------------------|----------------------|
| a) Input Box | b) MSG box | |
| c) Both of them | d) None of these. | <input type="text"/> |
- iii) By which control we can use both horizontal and vertical scroll bar ?
- | | | |
|-------------|--------------|----------------------|
| a) List Box | b) Combo box | |
| c) Slider | d) Text box. | <input type="text"/> |
- 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. | <input type="text"/> |
- v) Visual Basic is a
- | | |
|-----------------------------------|----------------------|
| a) Fully Object Oriented Language | |
| b) Object Based Language | |
| c) Procedure Oriented Language | |
| d) None of these. | <input type="text"/> |

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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