**E.G.S PILLAY ENGINEERING COLLEGE, NAGAPATTINAM**

**DEPARTMENT OF COMPUTER APPLICATIONS**

**Weekly Test II**

**Subject Code/Name: MC9243/Visual Programming Marks: 100**

**Sem/Year: II/IV Time: 3 Hrs**

**Staff Name: Mr.** S.Selvaganapathy  **Date:**

 **PART-A 10\*2=20**

**Answer All the Questions**

1. What are the Primary windows inside the Visual basic environment?
2. What is form?
3. Define controls.
4. Write a sample code for usage of timer control.
5. What you mean by variant data type?
6. What is the use of ‘Option Explicit’ statement?
7. Give the role of control arrays.
8. List out some runtime properties of TextBox control.
9. Differentiate Modal and Modeless Dialog Boxes.
10. How do you select a text in the TextBox. Give code sample.

**PART-B 5\*16=80**

1. (a) (i) Discuss the features of Visual basic (6). (ii) What is IDE? Explain in detail Visual Basic IDE (10) **OR**

(b) (i) Write a note on Visual Basic Data types (6) (ii) Discuss Variables and Constants in VB (10)

1. (a) (i) Classify the Procedure in VB and Give its scope (6) With examples discuss Control statements in Visual Basic (10) **OR**

(b) (i) Write a VB program to illustrate the SELECT…CASE statement. (8) (ii) Write a VB program to Print the multiplication table by getting the multiplicand and multiplier value in the Text boxes. The table should be displayed in the form when multiply button is clicked. (8)

1. (a) How will you create control Arrays? Discuss its usage. **OR**

(b) Write a simple calculator program to demonstrate control arrays.

1. (a) Discuss the Debugging facilities provided by VB IDE and debug tool box. **OR**

(b) With suitable examples illustrate Keyboard and Mouse Events.

1. (a) Explain file processing in Visual Basic. **OR**

 (b) How to access database with data controls? Discuss. (10) Create an Address Book (6)