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

**DEPARTMENT OF COMPUTER APPLICATIONS**

**Weekly Test I**

**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 is Windows Programming?
2. Write the components of GUI.
3. What is an API?
4. Define Handle.
5. What is Hungarian Notation?
6. List out the steps required for creating a window.
7. Define Message loop.
8. What are the methods for getting a device context handle?
9. What is GDI?
10. What is the use of Translate and Dispatch message functions?

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

1. a.Describe in detail the Windows Programming Model and Windows Procedure.

OR

b. Discuss Windows Messages in detail.

1. a.What you mean by Event Driven Programming? Discuss its Basic model.

OR

 b. Explain in detail GUI components and controls

1. a. Discuss the steps in (a) Creation of Windows (b) Displaying of Windows

OR

b. Write a simple window program. (b) Briefly explain Registering window class.

1. a. Elaborate the Message loop functions.

OR

b. Briefly explain (a) WM\_PAINT (b) WM\_DESTROY messsages

1. a. Discuss Windows Data types and Hungarian Notation.

OR

b. Discuss briefly (i) Device context (ii) Text output