**2143 OOP Exam 2**

**Name:**

# Multiple Choice

Answer the multiple choice questions below. Read them carefully.

# Vocabulary

Vocabulary Words

| # | Word | # | Word | # | Word |
| --- | --- | --- | --- | --- | --- |
| 1 | Derived Class | 17 | Static Member | 33 | Hierarchical-Inheritance |
| 2 | Polymorphism | 18 | Constructor | 34 | Overloading |
| 3 | Static Polymorphism | 19 | Inheritability | 35 | Pure Polymorphism |
| 4 | Dynamic Polymorphism | 20 | Operator Overloading | 36 | Friends |
| 5 | Virtual Function | 21 | Composition | 37 | Interface |
| 6 | Pure Virtual Function | 22 | Instantiation | 38 | Abstract Base Class |
| 7 | Abstract Class | 23 | Methodization | 39 | Abstraction |
| 8 | Concrete Class | 24 | Dynamic Memory Allocation | 40 | Instance-Variable |
| 9 | Friend Class | 25 | New | 41 | Member-Variable |
| 10 | Encapsulation | 26 | Delete | 42 | Multilevel-Inheritance |
| 11 | Inheritance | 27 | Friend Function | 43 | Diamond Problem |
| 12 | Multiple Inheritance | 28 | Static Method | 44 | Virtual |
| 13 | Access Modifiers | 29 | Virtualizationism | 45 | Static Member |
| 14 | Protected | 30 | Pure Virtual | 46 | Class |
| 15 | Private | 31 | Object | 47 | Overriding |
| 16 | Public | 32 | Class-Variable | 48 | Method |
| 49 | Run-time Polymorphism | 50 | Encapsulization | 51 | Destructor |
| 52 | Abstractification | 53 | Classology | 54 | Pointer |
| 55 | Polymorphication | 56 | Compile-time Polymorphism |  |  |

# Inheritance V Composition

Determine which to use: Inheritance or Composition

# Inheritance Types