Worksheet

ENCAPSULATION AND INHERITANCE

Chapter-14

1. **Fill in the blanks.**

   (a) .... are names given to memory location to store values.

   (b) In Java, ... is the method which allows one class to inherit the properties of another class.

   (c) Derived class inherits from .... class.

   (d) .... can be used to control the visibility part of the class

   (e) Super class is the term used for .... class base.

2. **Mention the type of inheritance as per description.**

   (a) When many targets inherit from a single base class ....

   (b) If a base class is derived by a single target class ....

   (c) When a sub class inherits from multiple base classes ....

   (d) When more than one types of inheritance systems are used together ....

   (e) A target that inherits a Base can in turn be used as a base for another target ....

3. **Fill the table according to the rules of the access specifier.**

	DEFAULT	PRIVATE	PROTECTED	PUBLIC
SAME CLASS				
SAME PACKAGE SUBCLASS				
SAME PACKAGE NON-SUBCLASS				
DIFFERENT PACKAGE SUBCLASS				
DIFFERENT PACKAGE NON SUBCLASS				

Class -10

Grade: ⭐ ⭐ ⭐ ⭐ ⭐

Teacher's Signature: ....