1. F
2. Private access specifiers are only available in the class they live in.

Protected specifiers are only available to the package in all the subclasses.

Public specifiers are accessible everywhere.

1. A, C and E.  
     
   We cannot create an object of an interface in Java; Therefore, the 4th answer will be invalid.   
   The armchair class inherits from the chair class. The armchair class cannot be instantiated with the class which it is derived from. Therefore, the 2nd answer will be invalid.  
     
   Since the chair is the super class and the armchair is the subclass, the 1st answer will be valid.  
   Since the chair class implements the furniture class, the 3rd answer will be valid.

Finally, since the armchair is an object, the 5th answer will also be valid.

1. a)

public class Book{

private String title;

private String author;

private int num\_of\_pages;  
}

b)  
 public class Book{

private String title;

private String author;

private int num\_of\_pages;

public Book(String title, String author, int num\_of\_pages) {

this.title = title;

this.author = author;

this.num\_of\_pages = num\_of\_pages;

}

}