Chapter 7: Inheritance
Solutions

Multiple Choice Solutions	**True/False Solutions**
1. d	1. F
2. b	2. T
3. c	3. F
4. a	4. F
5. e	5. F
6. b	6. T
7. c	7. T
8. c	8. T
9. b	9. T
10. e	10. F

AP-Style Multiple Choice Solutions

1. B
2. D
3. C
4. C
5. Error in question - SKIP
6. A

AP-Style Free Response Solution

7.1
a.
```
public class Perishable extends InventoryItem
{
   private Date expiration;
   private static final double DISCOUNT = 0.01;

   public Perishable (Date entry, double price, Date expirationDate)
   {
      super (entry, price);
      expiration = expirationDate;
   }

   public double getPrice()
   {
      if (expiration.compareTo(getEntryDate()) < 0)
        return getBasePrice() * DISCOUNT;
      else
        return getBasePrice();
   }
}
```

b.
```
public ArrayList<InventoryItem> getItems (double loPrice, double hiPrice)
{
   ArrayList<InventoryItem> list = new ArrayList<InventoryItem>();

   for (InventoryItem ii : items)
   {
      if ((ii.getPrice() >= loPrice) && (ii.getPrice() <= hiPrice))
         list.add(ii);
   }

   return list;
}
```