PHYSICAL SCIENCE 111
ASSIGNMENT 7

A. The item X increases as item Y increases
B. The item X decreases as item Y increases
C. The item X does not depend on the item Y

1. Item X: Temperature
   Item Y: Height above sea level

2. Item X: Relative humidity
   Item Y: Difference in the readings on wet and dry bulb thermometers

3. Item X: Relative humidity of a sample of air
   Item Y: Temperature of the sample of air

4. Item X: Relative humidity
   Item Y: Barometric pressure

5. Item X: Barometric pressure
   Item Y: Height above sea level

ANSWERS

6. List the characteristics of a warm front.
   a) 
   b) 
   c) 
   d) 

7. List the characteristics of a cold front.
   a) 
   b) 
   c) 
   d) 