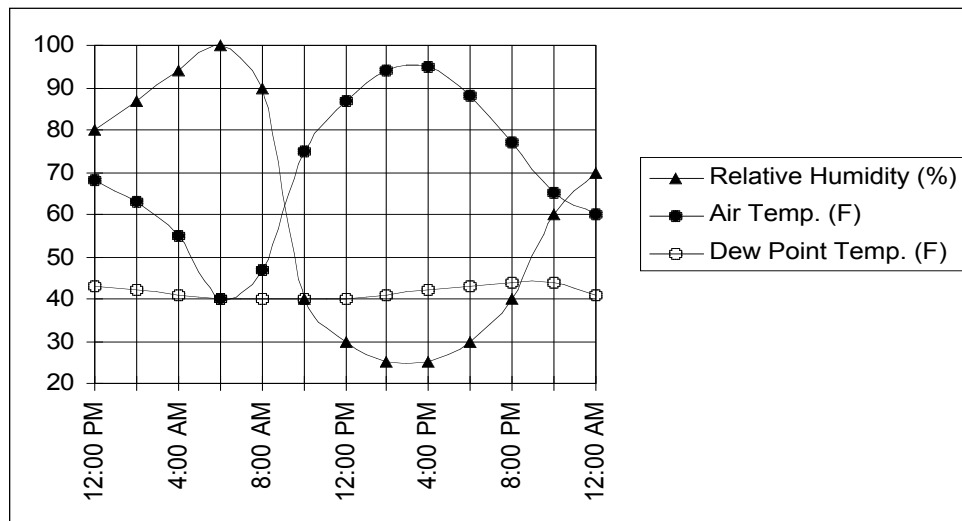


Name _____ Date _____ Period _____

HUMIDITY

For questions #1-10, refer to the graph below, which shows the hourly surface temperature, dew point, and relative humidity for a twenty-four hour period during the month of May.



1. The lowest air temperature occurred at what time? 1. _____
2. The highest relative humidity reading occurred at what time? 2. _____
3. The highest air temperature occurred at about what time? 3. _____
4. The lowest relative humidity occurred at about what time? 4. _____
5. According to the graph, what happens to the relative humidity as the air temperature increases? 5. _____
6. At what time(s) did the air temperature equal the dew point? 6. _____
7. What was the relative humidity (%) when the air temperature equaled the dew point? 7. _____
8. Condensation (water coming out of the air) is most likely to occur at approximately what time? 8. _____
9. At approximately what time was the rate of evaporation highest? 9. _____
10. The greatest change in air temperature occurred during the period from: 10. _____

A) midnight to 6AM

B) 6AM to noon

C) noon to 6PM

D) 6PM to midnight