True or False

1- The warmest part of the day is at noon.

2- Areas in the equator receive less insolation because of cloud cover.

3- Black Pavement has higher albedo than snow.

4- Water heats faster than Land.

5- Range is the difference between the Maximum Temperature and the Minimum Temperature of a day.

Multiple Choice

1- Water heats differently than land because
   A) Water is transparent and land is not.   B) Water is a liquid.   C) of the Ratio of Water to land   D) All of the above.

2- The Gulf Stream
   A) Carries warm water to Northwestern Europe and Southern Iceland
   B) Is a wind that goes through the Atlantic
   C) Carries cool water to Northwestern Europe and Southern Iceland.
   D) Happens once every 3 years

3- The continental effect is associated with
   A) Greater temp. range.   B) Lower temp. range.   C) More Mountains
   D) Earthquakes

4- The point of highest insolation in a day is
   A) Sunrise   B) Sunset   C) 3pm   D) 12 pm
5- The coolest part of the day is
A) Right before Sunrise        B) Right Before Sunset        C) Right After Sunset
D) Right after Sunrise

CRITICAL THINKING
Why is the warmest part of the day at a different time from the time of highest insolation?

Why is the sky blue?

Why is there a greater temp range without cloud cover?

What is the basis of the continental/marine effect?