1. How does air circulate within a cyclone (low pressure area) in the Northern Hemisphere?
   a. counterclockwise and away from the center of the cyclone
   b. clockwise and away from the center of the cyclone
   c. counterclockwise and toward the center of the cyclone
   d. clockwise and toward the center of the cyclone

2. Which map best represents the surface wind pattern around Northern Hemisphere high-pressure and low-pressure centers?

   a. 
   b. 
   c. 
   d. 

3. Which map correctly shows the wind directions of the high pressure and low-pressure systems?

   a. 
   b. 
   c. 
   d.
4. The arrows on the diagram below represent surface wind directions on a weather map. The points represent the locations of four weather stations in the Northern Hemisphere. Which weather station probably has the lowest air pressure?

a. A  

b. B  

c. C  

d. D

5. Which map best represents the normal air circulation around a high pressure air mass located over central New York State?

a.  

b.  

c.  

d.