



Name: _____
Date Started: _____ Date Completed: _____ Score: _____

Learning Activity Sheet Weather and Climate Patterns

Directions: Read and understand each question carefully. Circle the letter of the correct answer.

1. Which among the following weather systems in the Philippines brings cold weather, which comes from the northeast and moves southward?
 - A. ITC
 - B. Amihan
 - C. Habagat
 - D. cold front
2. Which among the following weather systems in the Philippines brings warm and moist air and usually brings heavy rain?
 - A. ITCZ
 - B. Amihan
 - C. Habagat
 - D. cold front
3. Which of the following weather systems in the Philippines brings warm and moist air that results in heavy rain and is commonly called Habagat?
 - A. trade wind
 - B. northeast monsoon
 - C. southwest monsoon
 - D. tropical cyclone
4. Which weather system in the Philippines has the following characteristics—brings cold weather and is commonly called Amihan?
 - A. ITCZ
 - B. northeast monsoon
 - C. southwest monsoon
 - D. cold front
5. Why does a land breeze occur only at night?
 - A. The sea cools faster at night, bringing the cold air to the land.
 - B. The direction of the wind blows into the land because it is colder.
 - C. Warm air from the ocean rises and is replaced by cooler air from the land.
 - D. The convection current only allows the wind to blow away from the ocean.
6. Which of the following best describes the Intertropical Convergence Zone (ITCZ)?
 - A. It is an area where trade winds meet.
 - B. It is a belt of the high-pressure area found near the equator.
 - C. It is an area with erratic wind patterns, but this can change abruptly.
 - D. It is an area found near the equator with winds that curve to the east.
7. Which of the following is most likely to happen if the atmospheric pressure in an area is lower than the surrounding areas?
 - A. The air will be cold and dry if the atmospheric pressure is low.
 - B. There will be strong winds generated due to the difference in pressure.
 - C. The temperature will be higher as the atmospheric pressure decreases.
 - D. There will be clear and sunny weather due to the difference in pressure.

8. Why does a sea breeze occur in the afternoon?
- The direction of the wind blows into the sea because it is colder.
 - The convection current only allows the wind to blow into the ocean.
 - Warm air in the ocean rises and is replaced by cooler air from the land.
 - The sea cools faster in the afternoon, bringing the cold air to the land.
9. Which of the following correctly describes the ITCZ?
- It is an area where the trade winds separate.
 - It is a belt of the low-pressure area found near the equator.
 - It is an area with erratic wind patterns, but this can change abruptly.
 - It is an area found near the equator with winds that curve to the east.
10. What could be the possible reason for such a trend in the graph?
- the rotation of the Earth
 - the temperature of ocean water
 - the Philippines' geographic location
 - all of the choices

