

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Winds, Storms and Cyclones

Q1. What is the direction wind in winter?

Ans. \_\_\_\_\_  
\_\_\_\_\_

Q2. What are the factors that contribute to the development of cyclones?

Ans. \_\_\_\_\_  
\_\_\_\_\_

Q3. What role does the wind play in the formation of storm?

Ans. \_\_\_\_\_  
\_\_\_\_\_

Q4. Why do the leaves of trees, flags and banners flutter when the wind is blowing?

Ans. \_\_\_\_\_  
\_\_\_\_\_

Q5. Is it difficult to ride a bicycle against the direction of the wind? Why?

Ans. \_\_\_\_\_  
\_\_\_\_\_

Q6. How can cyclones be predicted?

Ans. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Winds, Storms and Cyclones

Q1. What is the direction wind in winter?

Ans. In winter, the direction of the wind flow gets reversed; it flows from the land to the ocean.

Q2. What are the factors that contribute to the development of cyclones?

Ans. Factors like wind speed, wind direction, temperature and humidity contribute to the development of cyclones.

Q3. What role does the wind play in the formation of storm?

Ans. All storms are low pressure systems. Thus, wind speed plays an important role in the formation of storms.

Q4. Why do the leaves of trees, flags and banners flutter when the wind is blowing?

Ans. It is due to the pressure exerted by moving air (or wind) that the leaves of trees, flags and banners flutter when the wind is blowing.

Q5. Is it difficult to ride a bicycle against the direction of the wind? Why?

Ans. Yes, it difficult to ride a bicycle against the direction of the wind as air exerts pressure in the opposite direction in which bicycle is moving.

Q6. How can cyclones be predicted?

Ans. Meteorologists around the world use modern technology such as satellites, weather radars and computers etc. to track tropical cyclones as they develop.