

Name: _____ Date: _____

Winds, Storms and Cyclones

Q1. What are characteristics of Tornadoes?

Ans. _____

Q2. Write a note on structure of a cyclone.

Ans. _____

Winds, Storms and Cyclones

Q1. What are characteristics of Tornadoes?

Ans. Characteristics of Tornadoes are:

- i. A tornado is a dark funnel shaped cloud that reaches from the sky to the ground.
- ii. Most of the tornadoes are weak. A violent tornado can travel at speeds of about 300 km/h.
- iii. Tornadoes may form within cyclones. The diameter of a tornado can be as small as a metre and as large as a km, or even wider.
- iv. The funnel of a tornado sucks dust, debris and everything near it at the base (due to low pressure) and throws them out near the top.

Q2. Write a note on structure of a cyclone.

Ans. Structure of a cyclone

- i. The centre of a cyclone is a calm area. It is called the eye of the storm. A large cyclone is a violently rotating mass of air in the atmosphere, 10 to 15 km high.
- ii. The diameter of the eye varies from 10 to 30 km. It is a region free of clouds and has light winds.
- iii. Around this calm and clear eye, there is a cloud region of about 150 km in size. In this region there are high-speed winds (150–250 km/h) and thick clouds with heavy rain.
- iv. Away from this region the wind speed gradually decreases.