

Name: _____ Date: _____

Winds, Storms and Cyclones

Q1. Why are people advised not to stand near fast moving train?

Ans. _____

Q2. What are the destructions caused by cyclones?

Ans. _____

Q3. What would happen if high-speed winds blew over the roofs of buildings?

Ans. _____

Winds, Storms and Cyclones

Q1. Why are people advised not to stand near fast moving train?

Ans. When train moves with high speed it creates region of low pressure.

Therefore, the air pressure behind the person becomes bigger than the air pressure between the person and the train. Due to this pressure differences, the force acts on the person towards the train and push man towards the train. Thus, people are advised not to stand near fast moving train.

Q2. What are the destructions caused by cyclones?

Ans. As a result of cyclone, the seawater enters the low-lying coastal areas, causing severe loss of life and property. It also reduces the fertility of the soil. Continuous heavy rainfall may further worsen the flood situation. High-speed winds accompanying a cyclone can damage houses, telephones and other communication systems, trees, etc., causing tremendous loss of life and property.

Q3. What would happen if high-speed winds blew over the roofs of buildings?

Ans. If the roofs were weak, they could be lifted and blown away. This happens when high speed winds are blowing above the roof of a building; air pressure above the roof gets reduced. The air pressure inside the building is much more than the air pressure above the roof. This difference in the air pressure makes the roof be blown away.