

Science Worksheet Class VII
Winds, Storms and Cyclones

1. Fill in the blanks:
 - a. The layer of air surrounding the earth is called _____.
 - b. Hot air is _____ than cold air.
 - c. Air moves from the region of _____ air pressure to _____ air pressure.
 - d. The word cyclone is derived from the Greek word _____.
2. What are the two stages of cyclone warning?
3. What is a cyclone? Describe the formation of a cyclone.
4. How are convection currents setup in air?
5. Why is it difficult to ride a bicycle while moving against the wind?
6. Name any two natural phenomena involving high speed winds which can create disasters.
7. (i) What is an air pressure?
(ii) Why does a closed tin containing boiling water get crushed, when kept under a cold water tap?
8. List two situations that generate wind current on earth.
9. What are summer monsoons? How are summer monsoons caused over India? How are they useful?
10. When we are flying a kite, then the wind coming from our back side helps. Give reason.
11. Why a cyclone cannot be observed on the land?
12. What is the cause of rain in winters in some parts of India?
13. In which direction do the trade winds blow?
14. Explain how the wings of an aeroplane are designed to help the aircraft to take off.
15. On a windy day, the rickshaw puller has to apply more efforts to pull the rickshaw. Why?
16. Why is it advisable not to shut all the doors and windows during a storm?
17. Why is it safe to take shelter in a bus during a thunderstorm?