

L-8 WINDS, STORMS AND CYCLONES

Class-VII

SCIENCE

Module 2/4

WORKSHEET

QI. Fill in the blanks.

1. Warm air is _____ than cold air.
2. _____ is used to measure direction of wind.
3. Increased wind speed is accompanied by a reduced _____.
4. Air moves from the region where the air pressure is _____ to the region where the pressure is _____.
5. The greater the difference in _____, the _____ the air moves.

QII. Answer the following questions.

1. Why does a strip of paper rise after blowing over its surface?
2. Explain why smoke always rises ?
3. How can you experimentally prove that increased wind speed leads to reduced air pressure?
4. Why are roofs blown off in the wind?
5. Describe the effect of heat on air pressure.
6. To expel hot air out of the kitchen **X** has an exhaust fan fitted on the window of her kitchen and **Y** has a similar exhaust fan fitted on the wall near the ceiling of her kitchen. Which of the exhaust fan will `expel the hot air more effectively?
7. Describe an activity to demonstrate that warm air is lighter than cool air.
8. When strong wind blows, an umbrella held upright at times gets upturned explain why?
9. Why does air go upon on heating?

