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STUDY NOTES

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CLASS- VII (All Section)

DATE: 11-07-2020

**SCIENCE**

**LESSON-07**

**CHAPTER: 8 Winds, Storms and Cyclones**

**Today's Topic: Questions Answers**

**1. Answer the questions:**

- a. Why do mountaineers need to carry oxygen cylinders while climbing high mountains?
- b. What makes hot air balloons rise?
- c. Why does a low-pressure region bring rain and storm?
- d. Why do cyclones develop only over warm seas?
- e. Which of the following places are unlikely to be hit by a cyclone and why?
  - i. Delhi
  - ii. Chennai
  - iii. Mumbai
  - iv. Vishakhapatnam
  - v. Bhopal

## **2. Fill in the blanks:**

- a.** Moist air is \_\_\_\_\_ than dry air.
- b.** Where warm air rises at a place, the air pressure at that place \_\_\_\_\_.
- c.** Monsoons in India are caused by the \_\_\_\_\_ heating of land and sea surfaces.
- d.** Cyclones develop from \_\_\_\_\_ over warm seas near the equator.
- e.** A \_\_\_\_\_ is a violent rotating column of air extending from a thunderstorm to the ground.

## **3. Indicate whether the statements are true or false:**

- a.** At greater heights, the air pressure is lower, because the air is less dense.
- b.** Moist air is heavier than dry air and hence exerts more pressure.
- c.** A cyclone is formed by a very high-pressure system with very high-speed winds revolving around it.
- d.** Air currents are produced due to the uneven heating of land and water.
- e.** The strongest winds and heaviest rains are found at the centre of a cyclonic storm.

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