

CHAPTER-6 | Pressure, Winds, Storms, and Cyclones

QUIZ
PART-04

1. Air moves from:

- A. Low to high pressure
- B. High to low pressure
- C. Cold to cold
- D. Equal pressure (B)

Explanation: Air flows from high to low pressure.

2. Sea breeze occurs during:

- A. Night
- B. Afternoon
- C. Winter
- D. Morning (B)

Explanation: Land heats faster in day.

3. Land breeze occurs at:

- A. Afternoon
- B. Night
- C. Noon
- D. Morning (B)

Explanation: Land cools faster at night.

4. Moving air reduces:

- A. Temperature
- B. Pressure
- C. Colour
- D. Gravity (B)

Explanation: Fast air lowers pressure.

5. Roof blows off due to:

- A. Heat
- B. Pressure difference
- C. Weight
- D. Colour (B)

Explanation: Large pressure difference lifts roof.

6. Air flow stops when:

- A. Temperature rises
- B. Pressure equalizes
- C. Balloon bursts
- D. Wind stops (B)

Explanation: Equal pressure stops movement.

7. Warm air:

- A. Sinks
- B. Rises
- C. Stops
- D. Freezes (B)

Explanation: Warm air is lighter.

8. Cool air:

- A. Rises
- B. Sinks
- C. Floats
- D. Disappears (B)

Explanation: Cool air is denser.

9. Pressure difference causes:

- A. Rain only
- B. Wind
- C. Heat
- D. Magnetism (B)

Explanation: Wind results from pressure difference.

10. Sea breeze blows from:

- A. Land to sea
- B. Sea to land
- C. North
- D. South (B)

Explanation: Cooler sea air moves to warm land.