



1. What causes a balloon to expand?
  - a) Heat
  - b) Air pressure
  - c) Water
  - d) Gravity
  
2. Wind moves from:
  - a) Sea to sea
  - b) Low to high pressure
  - c) High to low pressure
  - d) Cold to cold
  
3. A cyclone always starts over:
  - a) Land
  - b) Ice
  - c) Ocean
  - d) Trees

---

**Section B: Assertion-Reason (1 mark each)**

4. **A:** Storms can uproot trees.  
**R:** Wind pressure increases with speed.
  
5. **A:** Condensation releases energy.  
**R:** It helps fuel cyclones.

---

**Section C: Case Study (4 marks)**
**Mini Case Study:**

In a coastal village, strong winds damaged houses. People had been warned earlier and had stored food, switched off power, and stayed indoors.

- a) What weather event does this describe?
- b) Why were people advised to stay indoors?
- c) Name two precautions taken.
- d) What causes such strong winds in coastal areas?

---

**Section D: Short Answer Questions**
**2-Mark Questions**



6. Name two real-life uses of air pressure.
7. What are cumulonimbus clouds?
8. Explain the role of temperature in wind movement.

**3-Mark Questions**

9. What steps should we take before and during a cyclone?
10. Describe how thunderstorms form.

**4-Mark Question**

11. Explain the process of cyclone formation using a diagram.

