

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.

