

I Answer in one word.

- a) The force applied per unit area .
- b) An instrument used to measure air pressure at any place .
- c) An instrument used to measure wind speed .
- d) A dark funnel shaped rotating column of air extending from the surface of earth to a thunder cloud.
- e) The scientists who study weather.

II Answer the following questions.

Q1 List the characteristics of wind.

Q2 What safety measures should be taken by the people residing in cyclone prone areas?

Q3 How thunderstorms are produced?

Q4 Explain sea breeze and land breeze with a neat and labelled diagram.

Q5 Explain with an activity that air exerts pressure.

III Choose the correct option.

1 Which of the following place is not likely to be affected by a cyclone?

- a) Chennai b) Mangaluru c) Patna d) Puri

2 Air exerts pressure in

- a) All directions b) Downward direction only
- c) Upward direction only d) sideways only

3 Thunderstorms develop very frequently in areas having

- a) polar climate b) tropical climate
- c) desert climate d) temperate climate

4 Which of the following process provides energy required to form and sustain a cyclone?

- a) condensation of water vapour b) vaporisation of water
- c) kinetic energy of blowing wind d) fast moving sea waves