

EXERCISE - 1**A. Very Short Answer Type Questions**

- Q.1** What causes winds ?
- Q.2** What does a barometer measure ?
- Q.3** What is a storm surge ?
- Q.4** What is the low-pressure centre of a cyclone called ?
- Q.5** In which direction do winds swirl around the centre of a cyclone in the northern hemisphere ?
- Q.6** What causes planetary winds ?

B. Short Answer Type Questions

- Q.7** What is air pressure ? How does it determine the kind of weather a place will have ?
- Q.8** How does a thunderstorm develop ?
- Q.9** What are cyclones in the Atlantic and Pacific called ? Why are cyclones given names ?
- Q.10** What are the trade winds ? How are they caused ?
- Q.11** Explain why roofs get blown off during a storm.

C. Long Answer Type Questions

- Q.12** What is a tornado ? How does it form and what impact does it have ?
- Q.13** How does a cyclone develop ? Describe its impact briefly.
- Q.14** What safety measures can one take to protect oneself from a cyclone ?
- Q.15** Write briefly about the winds that carry rain to most parts of our country between June and September.

D. Fill in the blanks

- Q.16** Twister and whirlwind are alternative names for a
- Q.17** An anemometer measures
- Q.18** High pressure indicates weather.
- Q.19** A tornado over the sea is called a
- Q.20** Scientists who study weather are called
- Q.21** The best place to be in during a tornado is the
- Q.22** The cold, dry winds that blow over northern India in winter are called the

EXERCISE - 2

Single Correct Answer type Questions

- Q.1** Which one of the following place is unlikely to be affected by a cyclone ?
(A) Chennai (B) Manglore
(C) Amritsar (D) Puri
- Q.2** Which of the statements given below is correct ?
(A) In winter the winds flow from the land to the ocean
(B) In summer the winds flow from the land towards the ocean.
(C) A cyclone is formed by a very high-pressure system with very high-speed winds revolving around it
(D) The coastline of India is not vulnerable to cyclones
- Q.3** Wind is air
(A) Moving
(B) Resting
(C) Moving or resting
(D) None of these
- Q.4** Winds are generated due to heating on the earth .
(A) Direct
(B) Indirect
(C) Direct or Indirect
(D) One of these
- Q.5** Near the earth's surface air rises up whereas air comes down :
(A) Hot, cold (B) Cold, hot
(C) Cold, cold (D) Hot, hot
- Q.6** The energy possessed by wind is
(A) Kinetic energy
(B) Potential energy
(C) Thermal energy
(D) Sound energy
- Q.7** The cause of formation of cyclones is
(A) Air rotates at low pressure with high speed
(B) Air rotates at high pressure with high speed
(C) Air rotates at high pressure with low speed
(D) None of these
- Q.8** Air moves from a region of ——— pressure to a region of ——— pressure.
(A) High , low (B) Low, high
(C) High, high (D) Low, low

ANSWER KEY

EXERCISE-2

Ques.	1	2	3	4	5	6	7	8
Ans.	A	A	A	A	A	A	A	A