

Name: _____ Date: _____

Winds, Storms and Cyclones

Q1. State True (T) or False (F).

- i. In summer the winds flow from the land towards the ocean. _____
- ii. In winter the winds flow from the land to the ocean. _____
- iii. A cyclone is formed by a very high-pressure system with very high-speed winds revolving around it. _____
- iv. The coastline of India is not vulnerable to cyclones. _____
- v. Increased wind speed is accompanied by a reduced air pressure. _____
- vi. Regions close to the equator get maximum heat from the Sun. _____

Q2. Fill in the blanks.

- i. Wind is _____ air.
- ii. Winds are generated due to _____ heating on the earth.
- iii. Near the earth's surface _____ air rises up whereas _____ air comes down.
- iv. Air moves from a region of _____ pressure to a region of _____ pressure.
- v. Air _____ on heating.
- vi. Warm air is _____ than the cold air.

Q3. Which one of the following place is unlikely to be affected by a cyclone?

- (i) Chennai (ii) Mangaluru (Mangalore) (iii) Amritsar (iv) Puri

Ans. _____

Q4. What is wind?

Ans. _____

Q5. What is anemometer?

Ans. _____

Winds, Storms and Cyclones

Q1. State True (T) or False (F).

- i. In summer the winds flow from the land towards the ocean. **False**
- ii. In winter the winds flow from the land to the ocean. **True**
- iii. A cyclone is formed by a very high-pressure system with very high-speed winds revolving around it. **False**
- iv. The coastline of India is not vulnerable to cyclones. **False**
- v. Increased wind speed is accompanied by a reduced air pressure. **True**
- vi. Regions close to the equator get maximum heat from the Sun. **True**

Q2. Fill in the blanks.

- i. Wind is **moving** air.
- ii. Winds are generated due to **uneven** heating on the earth.
- iii. Near the earth's surface **warm** air rises up whereas **cooler** air comes down.
- iv. Air moves from a region of **high** pressure to a region of **low** pressure.
- v. Air **expands** on heating.
- vi. Warm air is **lighter** than the cold air.

Q3. Which one of the following place is unlikely to be affected by a cyclone?

- (i) Chennai (ii) Mangaluru (Mangalore) (iii) Amritsar (iv) Puri

Ans. Amritsar

Q4. What is wind?

Ans. The moving air is called wind.

Q5. What is anemometer?

Ans. The instrument that measures the wind speed is called an anemometer.