

CHAPTER-2 | Understanding the Weather

QUIZ
PART-02

1. What is the function of a thermometer?
 A. To measure the speed of wind
 B. To measure the temperature of the atmosphere
 C. To measure the amount of rainfall
 D. To measure the pressure of air (B)

Explanation: A thermometer measures atmospheric temperature.

2. What is the Celsius scale used for?
 A. Measuring wind speed
 B. Measuring temperature
 C. Measuring rainfall
 D. Measuring atmospheric pressure (B)

Explanation: The Celsius scale is used to measure temperature.

3. How do digital thermometers compare to traditional thermometers?
 A. They are less precise
 B. They cannot record data
 C. They are more precise and can record more data
 D. They measure only ambient temperature (C)

Explanation: Digital thermometers are more precise and can record more data.

4. What is meant by the "range of temperature"?
 A. The average temperature during the day
 B. The maximum temperature minus the minimum temperature
 C. The temperature for a specific location
 D. The difference between two cities' temperatures (B)

Explanation: The range of temperature is the difference between maximum and minimum temperature.

5. Which instrument is used to measure rainfall?
 A. Thermometer
 B. Barometer
 C. Rain gauge
 D. Anemometer (C)

Explanation: A rain gauge is used to measure rainfall.

6. What does 30 mm of rainfall mean?
 A. The rainfall was 30 degrees Celsius
 B. 30 milliliters of water collected
 C. The height of water collected was 30 millimeters
 D. The rainfall was spread over 30 days (C)

Explanation: It means the collected water reached a height of 30 millimeters in the gauge.

7. What is the "mean daily temperature"?
 A. The highest temperature recorded during the day
 B. The average of the day's maximum and minimum temperatures
 C. The lowest temperature recorded during the day
 D. The temperature at noon (B)

Explanation: Mean daily temperature is the average of the day's maximum and minimum temperatures.

8. What was the maximum temperature recorded on 01.03.2025 in the example chart?
 A. 30°C
 B. 29°C
 C. 31°C
 D. 32°C (A)

Explanation: The maximum temperature shown in the example chart for 01.03.2025 is 30°C.

9. What does the India Meteorological Department do?
 A. Measures the temperature of the ocean
 B. Studies animal migration patterns
 C. Predicts and monitors weather conditions
 D. Collects rainfall data for agricultural purposes (C)

Explanation: The India Meteorological Department predicts and monitors weather conditions.

10. Why is a rain gauge placed on a flat surface?
 A. To prevent the water from spilling
 B. To ensure accurate readings of rainfall
 C. To keep it safe from animals
 D. To make it visible for tourists (B)

Explanation: A rain gauge is placed on a flat surface for accurate and unobstructed rainfall collection.