

CHAPTER-3 | Climate of India

QUIZ PART-01

1. What is climate?

- A. The daily atmospheric conditions of a place
- B. The average weather conditions of a place over a long period
- C. The rainfall received in one day
- D. The temperature recorded at noon (B)

Explanation : Climate refers to the long-term average pattern of weather conditions in a region.

2. Which of the following describes weather?

- A. Long-term atmospheric conditions
- B. Seasonal rainfall patterns
- C. Day-to-day condition of the atmosphere
- D. Average temperature of a region (C)

Explanation : Weather refers to the condition of the atmosphere at a specific time and place.

3. Which element of weather refers to the amount of water vapour in the air?

- A. Wind
- B. Temperature
- C. Humidity
- D. Pressure (C)

Explanation : Humidity is the amount of water vapour present in the air.

4. Which instrument measures atmospheric pressure?

- A. Hygrometer
- B. Thermometer
- C. Barometer
- D. Rain gauge (C)

Explanation : A barometer measures atmospheric pressure.

5. Which instrument measures rainfall?

- A. Rain gauge
- B. Barometer
- C. Thermometer
- D. Hygrometer (A)

Explanation : A rain gauge measures the amount of rainfall received.

6. How do animals adjust to changing seasons?

- A. By changing behaviour and body features according to seasons
- B. By hibernating in all seasons
- C. By never changing their habits
- D. By living only in cold places (A)

Explanation : Animals adapt to seasonal changes by modifying behaviour, growing thicker fur, migrating, or changing activity patterns.

7. Which of the following is an example of adaptation to seasonal change?

- A. Wearing woollen clothes in winter
- B. Growing crops only in deserts
- C. Living without water
- D. Avoiding sunlight completely (A)

Explanation : Humans adapt to seasonal changes by modifying clothing and daily activities.

8. What mainly determines the climate of a place?

- A. Weather instruments
- B. Natural geographical factors
- C. Population size
- D. Building materials (B)

Explanation : Climate is influenced by geographical factors such as latitude, altitude, distance from sea, and relief.

9. Why do coastal regions usually experience moderate temperatures?

- A. Because they are closer to mountains
- B. Because the sea influences the climate
- C. Because they receive no rainfall
- D. Because they are colder than inland areas (B)

Explanation : The sea heats and cools slowly, which moderates the temperature of coastal regions.

10. Which of the following is an example of climate?

- A. It rained yesterday
- B. The temperature today is 32°C
- C. Rajasthan has hot summers and low rainfall
- D. Wind is blowing today (C)

Explanation : Climate describes long-term patterns such as Rajasthan's hot and dry conditions.