

CHAPTER-4 | Climate

QUIZ
PART-01

1. What is the minimum period of time considered for defining climate?
- A. 5 years
B. 10 years
C. 20 years
D. 30 years (D)

Explanation: Climate refers to the average weather conditions of a large area observed for more than 30 years.

2. Which of the following is NOT an element of weather and climate?
- A. Temperature
B. Humidity
C. Soil fertility
D. Precipitation (C)

Explanation: Soil fertility is not an element of climate; the main elements are temperature, pressure, wind, humidity, and precipitation.

3. The word "Monsoon" is derived from which language?
- A. Sanskrit
B. Arabic
C. Persian
D. Greek (B)

Explanation: "Monsoon" comes from the Arabic word Mausim, which means season.

4. Which place in India records extreme summer temperatures close to 50°C?
- A. Thiruvananthapuram
B. Pahalgam
C. Rajasthan Desert
D. Shillong (C)

Explanation: In the Rajasthan desert, temperatures in summer can reach about 50°C.

5. Drass in Jammu and Kashmir experiences winter night temperatures as low as:
- A. -10°C
B. -20°C
C. -30°C
D. -45°C (D)

Explanation: Drass records some of the lowest winter night temperatures, going down to -45°C

6. Which part of India receives rainfall mainly in October–November?
- A. Gujarat Coast
B. Tamil Nadu Coast
C. Kerala Coast
D. Western Rajasthan (B)

Explanation: Unlike most of India, the Tamil Nadu coast receives winter rainfall during October–November.

7. Which state receives more than 400 cm of annual rainfall?
- A. Rajasthan
B. Gujarat
C. Meghalaya
D. Punjab (C)

Explanation: Meghalaya, particularly Mawsynram and Cherrapunji, records over 400 cm rainfall annually.

8. In which region is the difference between day and night temperatures very large?
- A. Kerala
B. Andaman and Nicobar Islands
C. Thar Desert
D. Meghalaya (C)

Explanation: In the Thar Desert, daytime temperatures may reach 50°C but can drop to 15°C at night.

9. What is the general pattern of rainfall in the Northern Plains of India?
- A. Increases from west to east
B. Decreases from east to west
C. Highest in the western part
D. Remains uniform throughout (B)

Explanation: In the Northern Plains, rainfall decreases from the eastern to the western regions.

10. What explains the lower contrast in day and night temperatures in coastal areas?
- A. Presence of mountains
B. Oceanic influence
C. High altitude
D. Dense vegetation (B)

Explanation: Coastal regions experience less variation between day and night temperatures due to the moderating effect of the sea.