

## CHAPTER-3 | Climates of India

## QUIZ-03

1. What causes the southwest monsoon to bring rain to India?  
 A. Cold winds from Central Asia  
 B. High pressure over the land  
 C. Warm ocean winds moving to low-pressure land areas  
 D. Rising temperature of the ocean (C)

**Explanation :** During summer, low pressure over the land draws in moist winds from the ocean, causing rainfall.

2. Which city is likely to have a higher summer temperature due to being far from the sea?  
 A. Chennai B. Mumbai  
 C. Nagpur D. Kochi (C)

**Explanation :** Inland cities like Nagpur are hotter in summer due to the lack of moderating influence of the sea.

3. Which type of climate does the Thar Desert have?  
 A. Tropical B. Alpine  
 C. Arid D. Subtropical (C)

**Explanation :** The Thar Desert has an arid climate with high temperatures and very low rainfall.

4. What does the term 'microclimate' refer to?  
 A. Climate across a continent  
 B. Global weather pattern  
 C. Climate in a small localised area  
 D. Weather change due to cyclones (C)

**Explanation :** Microclimate is the distinct weather condition of a small, specific area like a valley or city.

5. Which Indian state receives the highest average annual rainfall?  
 A. Kerala B. Meghalaya  
 C. Assam D. Sikkim (B)

**Explanation :** Mawsynram in Meghalaya receives the world's highest average rainfall, around 11,000 mm.

6. What protects India from cold Central Asian winds?  
 A. Western Ghats B. Aravalli Hills  
 C. Himalayas and Karakoram ranges  
 D. Eastern Coastal Plains (D)

**Explanation :** The eye of the cyclone is its calm centre, surrounded by stormy weather.

7. What is the eye of a cyclone?  
 A. The cloudiest part  
 B. The point where the cyclone ends  
 C. The calm, cloudless centre of a cyclone  
 D. The area of maximum rainfall (C)

**Explanation :** The eye of the cyclone is its calm centre, surrounded by stormy weather.

8. Which factor affects temperature due to elevation?  
 A. Latitude  
 B. Proximity to river  
 C. Altitude  
 D. Wind speed (C)

**Explanation :** Higher altitude leads to lower temperatures due to thinner, less dense air.

9. What is a major human cause of climate change?  
 A. Volcanic eruptions B. Monsoon failure  
 C. Burning of fossil fuels D. Solar flares (C)

**Explanation :** Human activities like burning fossil fuels have increased greenhouse gas emissions.

10. Which season is referred to as 'varsha\_ritu' in traditional Indian terms?  
 A. Spring B. Autumn  
 C. Rainy season D. Pre-winter (C)

**Explanation :** 'Varsha' means rainy season and is one of the six traditional Indian seasons.