



# INDIAN SCHOOL AL WADI AL KABIR

<b>Class: IX</b>	<b>Department: Social Science</b>	<b>Subject: Geography</b>
<b>Chapter 4</b> <b>Worksheet No: 4</b>	<b>Topic: Climate</b>	<b>Year :2023-24</b>

## A. Answer the following questions:

<b>1.</b> <b>A</b>	<b>What is meant by 'Mahawat'?</b> The term Mahawat is a small amount of winter rainfall due to western and north western cyclonic disturbances. This is best for the rabi crops which are grown during the winter season.
<b>2.</b> <b>A</b>	<b>Why are the temperatures in peninsular India is low during summer?</b> In peninsular India, temperature remain lower due to the moderating influence of the oceans.
<b>3.</b> <b>A</b>	<b>'The Tamil Nadu coast receives winter rainfall'.why?</b> Due to the geographical location, the east coast receives rainfall as the north east trade winds blow from sea to land in this location. Hence the coast of Tamil Nadu receives winter rainfall.
<b>4.</b> <b>A</b>	<b>Explain the terms: 'mango showers' and 'Kaal Baisakhi'</b> Kalbaisakhi (Calamity in the month of harvest or Baisakhi) is the name given to violent storms hitting the coast of West Bengal in April and May. These cause widespread destruction. Mango Showers: Pre-monsoon showers in Kerala that help in ripening of mangoes are known as mango showers.
<b>5.</b> <b>A</b>	<b>Explain loo-a striking feature of the hot weather season.</b> A striking feature of the hot weather season is the 'loo'. These are strong, gusty, hot, dry winds blowing during the day over the north and northwestern India. Sometimes they even continue until late in the evening. Direct exposure to these winds may even prove to be fatal.

## B. MULTIPLE CHOICE QUESTIONS (1 MARK)

<b>1.</b>	<b>Which of the following terms refers to the sum total of weather conditions and variations over a large area for a long period of time (more than thirty years)?</b> (a) Atmosphere (b) Annual range of temperature (c) <b>Climate</b> (d) Monsoons
<b>2.</b>	<b>Which of the following is not an elements of weather and climate?</b> (a) Atmospheric pressure (b) Temperature (c) Humidity (d) <b>Altitude</b>
<b>3.</b>	<b>Which of the following statements defines weather?</b> (a) Envelope of air surrounding ear (b) <b>State of the atmosphere over an area at any point of time</b> (c) Atmospheric conditions over a large area for a long period of time (d) Generalised monthly atmospheric conditions.

4.	<b>In which of the following places in India, precipitation is in the form of snowfall?</b> (a) Shillong (c) Chandigarh	<b>(b) Drass</b> (d) Haridwar
5.	<b>Which of the following places of India experiences the highest temperature during summer?</b> (a) Pahalgam (c) Thiruvananthapuram	<b>(b) Leh</b> <b>(d) Jaisalmer</b>
6.	<b>Which of the following is the rainiest station?</b> <b>(a) Shillong</b> (c) Chennai	(b) Mumbai (d) Kolkata
7.	<b>Most parts of India receive rainfall in which of the following months?</b> (a) December to February <b>(c) June to September</b>	(b) March to May (d) October to November
8.	<b>Which of the following places in India experiences a very high diurnal range of temperature?</b> (a) Kolkata (c) Chennai	<b>(b) Jodhpur</b> (d) Delhi

### C) Assertion/Reason Questions:

In the following questions, a statement of **assertion(A)** is followed by a statement of **reason(R)**. Mark the correct choice :

1.	<b>Assertion (A): Bulk of the rainfall of the Coromandel coast is derived from depressions and cyclones.</b> <b>Reason (R): The low-pressure conditions which once prevailed over north-western India get transferred to the Bay of Bengal by early November.</b> A) Both A and R are true and R is the correct explanation of A B) Both A and R are true but R is not the correct explanation of A C) A is true but R is false D) A is false but R is true
2.	<b>Assertion (A): Indian sub-continent experiences comparatively milder winters as compared to central Asia.</b> <b>Reason (R): The Himalayas prevent the cold winds from Central Asia from entering the subcontinent.</b> A) Both A and R are true and R is the correct explanation of A B) Both A and R are true but R is not the correct explanation of A C) A is true but R is false D) A is false but R is true

### D) Read the extract and answer the questions that follows:

	During the cold weather season, the northeast trade winds prevail over the country. They blow from land to sea. Some amount of rainfall occurs on the Tamil Nadu coast from these winds as, here they blow from sea to land. In the northern part of the country, a feeble high-pressure region develops, with light winds moving outwards from this area. Influenced by the relief, these winds blow through the Ganga valley from the west and the northwest. The weather is normally marked by clear sky, low temperatures and low humidity and feeble, variable winds.
1. A	<b>Why do winters in India experience dry season?</b> It is because during this season northeast trade winds prevail over the country. That is why India experience dry season in winter. They blow from land to sea in most parts of the country.

**2. What is the importance of 'mahawat'?**

**A** 'Mahawat' are of immense importance for the cultivation of 'rabi' crops.

**3. "The peninsular region does not have a well-defined cold season" Illustrate.**

**A** The peninsular region does not have a well-defined cold season because there is hardly any noticeable seasonal change in temperature pattern during winters due to the moderating influence of the sea.