



1. Name the elements that determine the weather of a place.

Answer: The temperature, humidity, rainfall, wind-speed, etc. are called the elements that determine the weather of a place.

2. When are the maximum and minimum temperature likely to occur during the day?

Answer: The maximum temperature of the day occurs generally in the afternoon and the minimum temperature occurs in the early morning.

3. Fill in the blanks

(i) The average weather taken over a long time is called

(ii) A place receives very little rainfall and the temperature is high throughout the year, the climate of that place will be _____ and _____

(iii) The two regions of the earth with extreme climatic conditions are _____ and _____

Answer:

(i) climate of the place

(ii) hot, dry

(iii) polar, tropical regions

4. Indicate the type of climate of the following areas:

(a) Jammu and Kashmir:

(b) Kerala:

(c) Rajasthan:

(d) North-east India:

Answer:

(a) Jammu and Kashmir—moderately hot and moderately wet climate.

(b) Kerala—very hot and wet climate.

(c) Rajasthan—hot and dry climate.

(d) North-east India—The north eastern India receives rain for a major part of the year, hence wet climate.

5. Which of the two changes frequently, weather or climate?

Answer: Weather

6. Followings are some of the characteristics of animals:

(i) Diets heavy on fruits

(ii) White fur

(iii) Need to migrate

(iv) Loud voice

(v) Sticky pads on feet

(vi) Layer of fat under skin

(vii) Wide and large paws

(viii) Bright colours

(ix) Strong tails

(x) Long and large beak

For each characteristic indicate whether it is adaptation for tropical rainforests or polar regions. Do you think that some of these characteristics can be adapted for both regions?

Answer:

<i>Characteristics of animals</i>	<i>Adaption for</i>
(i) Diets heavy on fruits	— tropical rainforests
(ii) White fur	— polar regions
(iii) Need to migrate	— polar regions
(iv) Loud voice	— tropical rainforests
(v) Sticky pads on feet	— tropical rainforests
(vi) Layer of fat under skin	— polar regions
(vii) Wide and large paws	— polar regions
(viii) Bright colours	— tropical rainforests
(ix) Strong tails	— tropical rainforests
(x) Long and large beak	— tropical rainforests

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