

CLASS-9TH GEOGRAPHY CHAPTER-1 WORKSHEET NO-1

Question 1.

What is climate?

Answer:

Climate refers to sum total of weather conditions over a large area for a long period of time (30 – 40 years).

Question 2.

Distinguish between climate and weather.

Answer:

Climate refers to the sum total of weather conditions and variations over a large area for a long period of time (thirty years).

Weather refers to the state of the atmosphere over an area at any point of time.

Question 3.

Name the elements of climate and weather.

Answer:

Elements of weather and climate are temperature, atmospheric pressure, wind, humidity and precipitation.

Question 4.

What is the climate of India?

Answer:

India's climate is described as "Tropical Monsoon Type of Climate".

Question 5.

What does the word 'Monsoon' mean?

Answer:

The word Monsoon is derived from the Arabic word 'mausim' which literally means season. It refers to the seasonal reversal in the wind direction during a year.

Question 6.

What is the variation of temperature in summer in India?

Answer:

In summer, the mercury occasionally touches 50°C in some parts of Rajasthan desert, whereas it may be around 20°C in Pahalgam in Jammu and Kashmir.

Question 7.

What is the variation of temperature in winter in India?

Answer:

In winter, the temperature in Drass in Jammu and Kashmir is as low as – 45°C and Thiruvananthapuram may have 22°C.

Question 8.

What is the variation of annual precipitation in India?

Answer:

The annual precipitation is over 400 cms in Meghalaya and less than 10 cms in Ladakh and western Rajasthan.

Question 9.

In which months is the season of rainfall experienced in India?

Answer:

Most parts of India receive rainfall from June to September.

Question 10.

Why do the coastal areas of India experience less contrast in temperature?

Answer:

The coastal areas experience less contrast in temperature because of the influence of the sea, e.g. Mumbai experiences an equable climate.

Question 11.

Why is there decrease in rainfall from east to west in the Northern Plains?

Answer:

There is general decrease in the amount of rainfall from east to west in the Northern Plains as the winds have less moisture in them when they reach the western side.

Question 12.

What is Coriolis force?

Answer:

It is an apparent force caused by the earth's rotation. The Coriolis force is responsible for deflecting the winds to the right in the northern hemisphere and towards the left in the southern hemisphere, due to the rotation of the earth.