

## Short questions

**Q1. Differentiate between weather and climate?**

**Ans.** The atmospheric condition (temperature, humidity, rain, wind and atmospheric pressure) of a specific place for a specific period is called weather, while the average weather conditions of an area for a long time is called climate.

**Q2. How climate affects life of the people living in coastal areas?**

**Ans.**

- Here, the people adapt themselves according to the climate.
- Their main food is sea-food.
- They do fishing as live hood.

**Q3. What are the activities of people living in northern areas of Pakistan?**

**Ans.**

- They witness a severe cold and live accordingly.
- They eat dry fruits and dry meat during winter.
- In summer tourism also becomes their industry.

**Q4. What are the main activities of people living in arid areas?**

**Ans.**

- Here, the people depend on agriculture.
- They grow crops and earn their living.

**Q5. Write a note the impact of climate on human activities?**

**Ans.**

- It encourages human energy and promotes outdoor hard work round the year.
- It is also affects economic activities of human beings.

**Q6. According to climate the land of Pakistan is divided into how many regions? Name them only.**

**Ans.** According to the climate, the land of Pakistan is divided in to the following regions.

**a) Subtropical continental highland.**

- b) Subtropical continental plateau.
- c) Subtropical continental lowland.
- d) Subtropical coast land.

**Q7. What types of weather found in mountainous and plain areas?**

**Ans.** In mountainous region, winter is long and cold. Temperature goes below freezing point, while summer is short and pleasant. In plain areas, winter is short and less cold. Fog is common in winter, while summer is long and hot.

**Q8. The Peshawar and Punjab are suitable for which types of crops?**

**Ans.** The climate and land of Peshawar and Punjab are suitable for agriculture in these areas. A variety of different vegetables and fruits are grown in these lands.

**Q9. Write note on autumn season in Pakistan?**

**Ans.**

- It is from October to November.
- The winds are moistless and do not bring rainfall.
- It is signal for arrival of winter.

**Q10. Describe seasonal and regional diversity of the climate of Pakistan?**

**Ans.**

- The plain remains very hot in summer.
- Mountains region are warm to cool in summer and very cold in winter.
- Coastal areas are neither warm nor cold.
- Rainfall is a permanent feature here.
- We have variety of seasons.

**Long question**

**Q1. What are the factors controlling the climate of Pakistan?**

**Ans. Climate is the average weather condition of the area for long time. Weather or climate of an area is determined by various geographical factors. The controlling factors of the climate of Pakistan are as follow;**

- **Pakistan is located in the sub-tropical region. The location of Pakistan tends to keep the temperature high, particularly in summer.**
- **The oceanic influence of Arabian Sea keeps down the temperature contrast between summer and winter at the coast.**
- **Higher altitudes in the north and west keep the temperature down throughout the year.**
- **The monsoon wind bring rain fall in summer.**
- **The western depression originating from the Mediterranean region and entering Pakistan from west brings rainfall in winter.**

**Q2. Explain the seasons of Pakistan and their respective characteristics.**

**Ans. Winter Season:**

- **It is from November to February.**
- **It starts earlier in the northern mountain.**
- **This season receives some rainfall in December and January.**

**Spring Season:**

- **It starts after winter and remain dry.**
- **This season is not very hot and cool.**
- **It gives rise to new flower and plants.**
- **Summer season.**
- **It is from May to September.**
- **It is hot due to high temperature.**
- **In July and August, monsoon rain arrives.**

**Autumn Season:**

- **It is from October to November.**
- **The winds are moistless and do not bring rainfall.**
- **It is signal for arrival of winter.**

**Q3. Write a detail note on two climatic region of Pakistan?**

**Ans. A climatic region is characterized by similarities in various climatic elements like temperature, precipitation, wind and air pressure. Pakistan is divided into following four main reigns.**

**1. Subtropical continental highland climate:**

- **This types of climate is found in north and northwestern mountainous areas.**
- **It includes GilgitBaltistan, Chitral, Dir, swat, Kohistan and Kurram Agency etc.**
- **Winters are prolonged and severely cold.**
- **In the northern area the summer season is short, pleasant and rainy but in western area it is hot and dry.**

**2. Sub-tropical continental plateau:**

- **This climate exists in western part of Baluchistan where winters are clod and summers are hot.**
- **These areas receive very little rainfall.**
- **This region includes the driest parts of the country like Nokundi.**

**3. Sub-tropical continental lowlands:**

- **Plain areas of the country fall under this types of climate.**
- **Summers are long and hot with limited rainfall and dust storms are common.**
- **October and November are the driest months.**

**4. Sub-tropical coast land:**

- **This climate is at Karachi, Lasbela and makran.**
- **Temperature remains moderate.**
- **Summers are warm and winter is mild.**

**Q4. What is effect of climate on life?**

**Ans. Impact of climate on life: Climate has a great impact on human life. Climate affects economic activities, ways of living, health and vegetation directly.**

- **For example in northern mountainous region winter is extremely cold and temperature goes below freezing points, cropping period is limited.**
- **Cultivation of few crops is practiced during summer months. In this region apples, apricot and plumps are grown.**
- **In winter only indoor activities are carried out to sustain the life.**
- **People in these areas store grains and other food products for winter months.**
- **People of these areas wear thick clothes and use food with plenty of meat.**
- **In contrast, in the center plain intensive agriculture is practiced.**
- **This region has winter or Rabi cropping and summer or Kharif cropping.**
- **Variety of fruits like mango, grapes watermelon and apricot are grown.**
- **The people living in hot areas built open and airy houses.**
- **They wear light color clothes, and eat light food.**