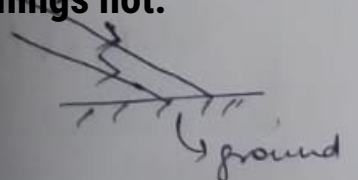


Q. Differentiate between insolation and temperature and explain anomalous temperature. (10 marks)

Insolation is defined as amount of sun radiation reaching the earth's surface.

Temperature can be defined as measure of hotness or coldness of a body.

Insolation and temperature can be differentiated as :-

<u>Insolation</u>	<u>Temperature</u>
i) <u>Amount</u> of solar radiation reaching the surface.	i) Measure of <u>hotness</u> or <u>coldness</u> .
it is the heat energy which makes things hot. 	
ii) It is an <u>independent</u> phenomenon.	ii) This is a <u>dependent</u> phenomenon that depends on the amount of <u>insolation</u> and <u>radiation</u> of the earth's surface.

Good introduction
You were able to explain both the keywords in simple and lucid manner.

Remarks
You possess good answer writing skill a little work on your content will help you get a good rank.

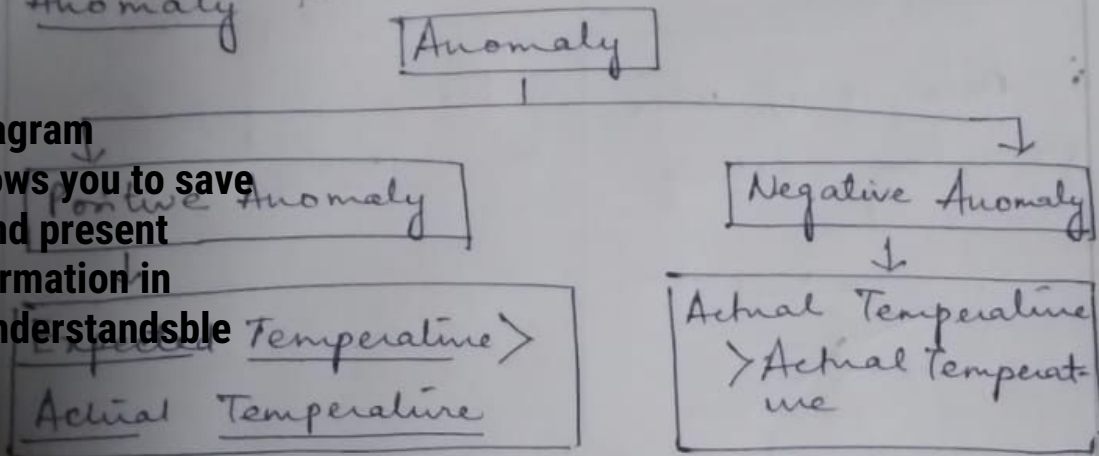
A better way to write this could be that insolation is the cause while temperature is the effect. Or you could have mentioned that it is a constant phenomenon while temperature depends on insolation. Saying independent could decrease your marks as insolation is dependent inclination of sun's rays, duration of sunshine etc.

one more point you could have added was insolation is measured in Calories while temperature is measured in Celsius and Fahrenheit.

Insolation
Insolation is maximum at the equator and minimum at the Poles.

Increase and decrease of temperature also leads to global Warming and etc cooling

Anomalous temperature - This is defined as the diversion of temperature from the reference point. 2 kinds of Anomaly :-



Good diagram
This allows you to save space and present the information in easily understandable format

Also you could have mentioned some characteristics of temperature anomaly like maximum anomaly are found in Northern hemisphere and minimum in southern hemisphere etc

According to IPCC (International Panel of Climate Change), global climate change is affected 95% due to anthropogenic factors. With scientific planning we can reduce the risk of increasing global warming