

Q10 what are climate change? Explain the role of human beings in climate change. 150 w.

climate change are long term changes occurring in weather and atmospheric conditions due to change in solar insolation amount, Green house gases, ozone layer depletion etc.

According to united nations framework Convention on climate change climate change is all due to anthropogenic activities and the human intervention.

There are many reasons of saying the climate change is due to human activities.

1. Green house gases.

The amount of GHG emission is increasing due to which infra-red radiations are trapped into the earth's atmosphere, resulting in global warming.

2. Ozone depletion.

The ozone layer is depleting which protects the earth from UV-rays. it is depleting bcz of ODS's like CFC, HCFC, Halons etc.

3. Deforestation

due to deforestation the earth's surface

Date

emits more GHG like CH_4 and the amount of CO_2 which was absorbed by plants remains in the atmosphere and there is less carbon sequestration. ✓

There are many other causes of climate change due to human activities like pollution, industrial outseated water which increases temperature of sea water etc. ✓

Climate change issue is the most concerned topic of recent times as there is a fear of devastration in the future so, humans should go for a sustainable lifestyle and also there is a need for spreading awareness about climate change.

Excellent!