

OB 72

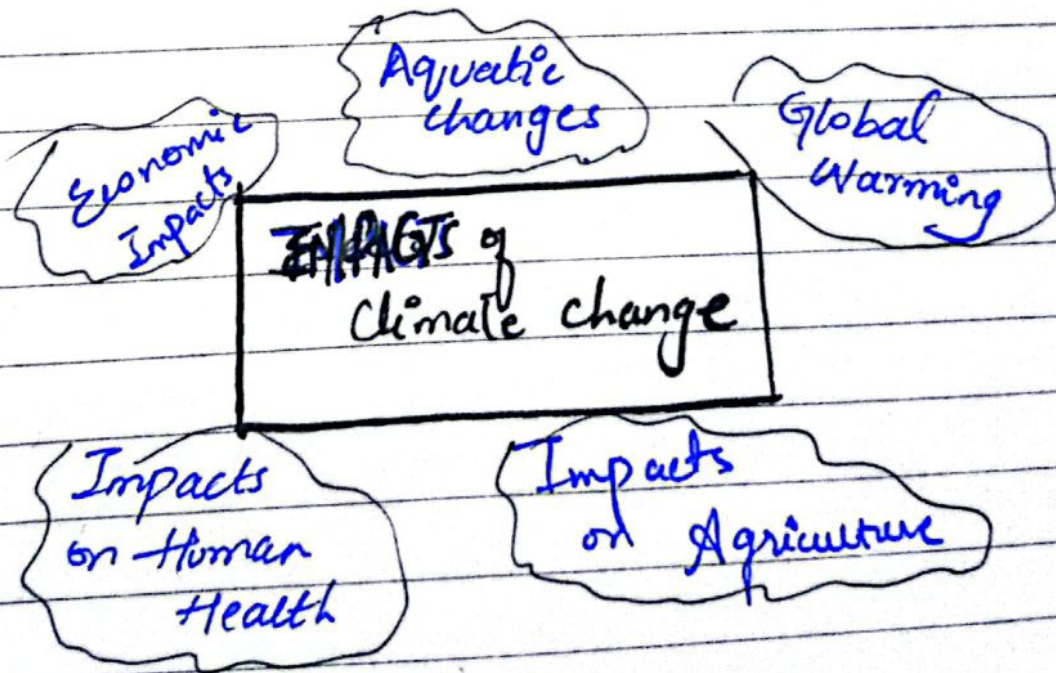
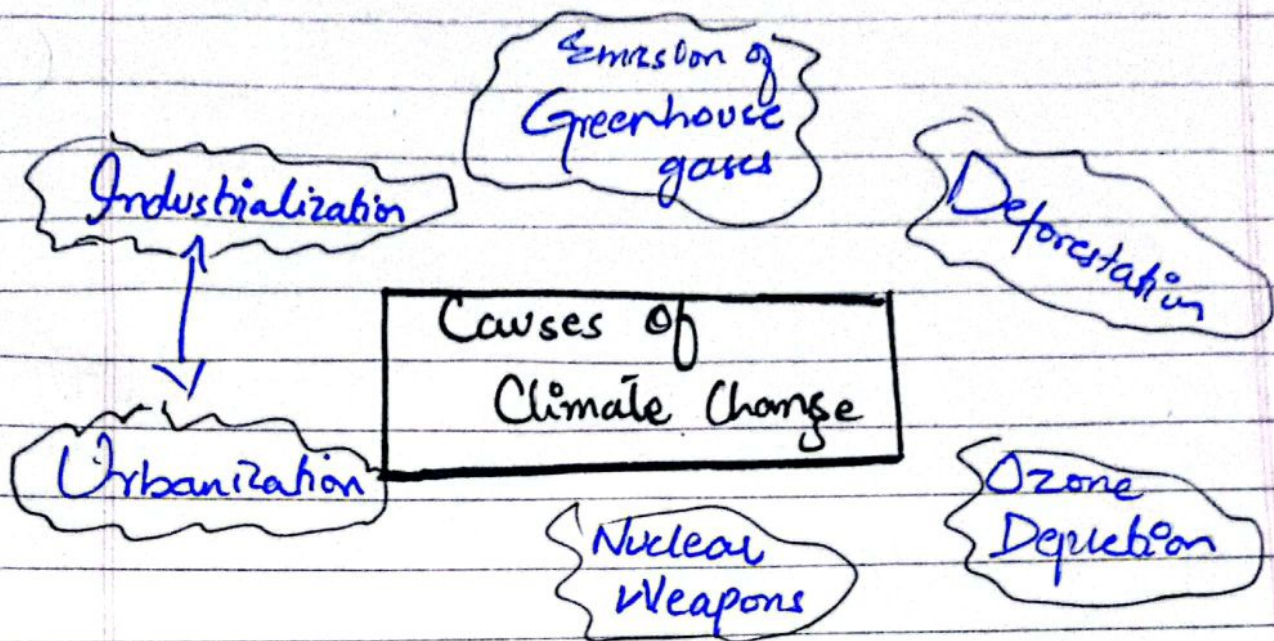
Alishba Sehan

Climate Change in Pakistan: Its Causes and Consequences

Date: _____

Brainstorming

Day: _____



Outline

1. Introduction:

1.1 Hook

1.2 Climate Change: A life-threatening event

1.3 Thesis statement.

Climate change is a global issue which is caused by various factors like industrialization, deforestation, depletion in the ozone layer, use of nuclear weapons and emission of greenhouse gases in the atmosphere. These ^{factors} leads to Intimidating consequences related to ~~including~~ global warming, aquatic changes, damaging of human health, economic and agricultural impacts.

2. Body:

A. Causes of Climate Change:

2.1 Emission of green house gases.

2.1.1 Beef production and cattle grazing leads to the production of methane.

2.1.2 Combustion of fossil fuels leads to the ~~production~~ emission of CO_2 , CH_4 and N_2O in the atmosphere.

2.2 Industrialization:

2.2.1 Release of industrial wastes into water bodies.

2.2.2 Use of refrigerants and aerosols which release fluorinated gases i.e CFCs, AFCs etc.

2.3 Deforestation:

2.3.1 Cutting of trees for planting industries and human settlement.

2.3.2 Cutting of trees for household purposes.

2.4 Nuclear Radiations:

2.4.1 Use of nuclear weapons in wars.

2.4.2 Nuclear Weapons Testing and Nuclear Power Plant Accidents.

2.5 Ozone Depletion:

2.5.1 Use of man-made chemicals like CFCs & other ozone-depleting substances released from foam products & aerosols etc.

2.5.2 Release of Halons from fire extinguishers.

B: Consequences of Climate Change:

2.1 Global Warming:-

2.1.1 Emission of greenhouse gases i.e. CH_4 , CO_2 etc leads to increased temperature on Earth.

2.1.2 Deforestation leads to loss of carbon sink which eventually results in more ~~trapped~~ heat trapped.

2.2 Aquatic Changes Worldwide:

2.2.1 Melting of glaciers causes rise in sea-levels resulting in floods.

2.2.2 Burning of fossil fuels releasing SO_2 & NO_x results in acid rain.

2.3 Economic Impacts:

2.3.1 Floods, storms and heavy rainfalls cause greater damage to buildings, roads and bridges.

2.3.2 Increased temperature and polluted water have detrimental effects on health of ~~Animals~~ & fisheries.

2.4 Agrarian Impacts.

2.4.1 Irregular patterns of rainfall i.e. droughts

- or floods, reduce production.
- 2.4.2 Increased poverty and food insecurity.
 - 2.5 **Harmful Impact on Human Health:**
 - 2.5.1 Higher temperature causes heat stroke, dehydration & even deaths during heatwaves.
 - 2.5.2 Climate change worsens air pollution (smog, dust) leading to asthma & other breathing problems.

C. Ways to counter climate change.

- 2.1 Planting more trees.
- 2.2 Shift to renewable energy resources i.e solar, wind or hydro etc
- 2.3 Promote energy saving habits
- 2.4 Use electric vehicles
- 2.5 Support Global agreements like Paris Agreement, 2015.

3. Conclusion:

Introduction:

"Climate change is the defining issue of our time, and we are at a defining moment." said UN Secretary-General, Antonio Guterres. This quote highlights that climate change is one of the most pressing challenges in the contemporary world. ^{The} World today is at the critical point where immediate action regarding climate change is necessary. It would have far-reaching consequences for our future generations if its causes and effects/consequences are not correctly recognized. Since industrialization i.e. after 1750s, the world has seen a drastic change in climate i.e. from melting of glaciers to increased temperature of the planet. According to IPCC AR4, climate change refers "to a change in a state of climate that can be identified (by using statistical tests) by changes in the mean or variability of its properties and that persists for an extended period, typically decades or longer". Thus, climate change isn't a matter of a day or two, rather it ^{will} takes decades or even longer for countries to cope up with this issue. Addressing this issue isn't only a moral obligation but also a pre-requisite for ensuring a secure and prosperous future. In Pakistan, climate change had greedily damaged local masses, animals, aquatic life as well as the infrastructure in the past few years.

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However, climate change is a global issue which is caused by various factors like industrialization, deforestation, depletion in Ozone layer, use of nuclear weapons and emission of greenhouse gases in the atmosphere. These factors lead to intimidating consequences related to global warming, aquatic changes, damaging of human health, economic & agricultural impacts. To sum up, this issue demands global recognition demanding collective action and remedies to overcome it.

Sir, it's a
humble request
to kindly give
me detailed
comments and
guidance in
order to write
the outline 10x
better than this.

Much Regards