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Naila Zafar Day: _____

Climate change in Pak:
Causes and Consequences

Brain Storming

Causes:-

1. Green House Effect

- a- Global warming
- b- Global dimming

2. Pollution.

- a- Land pollution (soil erosion)
- b- Air pollution (ozone depletion)
- c- Water pollution (disturbance in sea level)

3. Deforestation.

- a- Ecosystem disturbed
- b- Biodiversity loss.

4. Technological advancement practices.

- a- New Industrial set up
- b- Release of hazardous gases

5. Over dependence on Technology

- a- Vehicles
- b- Refrigerators
- c- A.C (aerosols are released)

- 6- Volcanic eruption
- 7- Agricultural Malpractices
 - a- Fertilizers
 - b- Pesticides
 - c- Herbicides
- 8- Ignorance to preserve ecosphere.
- 9- Overpopulation
- 10- Excessive use of fossil fuels

Consequences.

- 1- Earth temperature rise
- 2- Endanger species
- 3- Floods
- 4- Food scarcity
- 5- Spread of Diseases
- 6- Droughts
- 7- Heat waves
- 8- Glacier melting
- 9- Sea level rise
- 10- Poverty and displacement

Climate Change in Pakistan:

Causes and Consequences

Outline

Causes:-

1. Green House effect lead to
 - a- Global Warming
 - b- Global Dimming
2. Pollution has major role in shift of climate
 - a- Land Pollution
 - a-i) Soil erosion
 - ii) PVC
 - iii) Ecosystem is disturbed
 - iv-) Biodiversity loss
 - b- Air Pollution
 - i) Ozone depletion
 - ii) ~~the~~ less cloud formation
 - c- Water Pollution
 - i- Disturbance in sea level
 - ii- Water cycle is disturbed
- 3- Release of Pollutants from Industries, vehicles and Collents

4- Use of Pesticides, Fertilizers and Herbicides in Agricultural Sector.

5- Use of Non Renewable resources and Fossil Fuels

6- Lack of knowledge to preserve Biosphere

7- Overpopulation.

Consequences:-

- 1- Rise in Earth's temperature reduces survival of various species.
- 2- Climate change promote diseases
- 3- Shortage of water due to glacier melting
- 4- Floods, Droughts lead to food scarcity
- 5- Climate change promotes poverty and displacement
- 7- Heat waves are fatal to existence of life.

The Essay

Since the Industrial revolution, the level of Carbon dioxide CO_2 in the atmosphere has increased by 34%, and this is causing the planet to warm at an alarming rate.

Climate change may not be considered in terms of rise in temperature but fall in temperature has also drastic consequences on the planet. Climate change is a result of our impact on the environment like burning of fossil fuels and practicing unsustainable activities. Climate change is the consequence of environmental degradation.

Brain McDermott famous saying about climate change is "Climate change is a lot like death. We all understand it's inevitable, but few of us truly accept it". A report of WWF International quotes that "The technology is here. The people are ready. Scientists have spoken. Progressive business are stepping forward. Now

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we need governments to take climate action!". Climate change is the environmental challenge of this generation because it's a threat to existence. Due to change in climate we are facing food shortage, loss in biodiversity, poverty but these all issues can be catered by use of renewable energy resources and by promoting use of environmental friendly products. Because of this climate change life is coming at the verge of extinction.