

DATE 17 12 20 25

ASSIGNMENT NO: 01

Batch: 087

Mentor: Sir Ali Shahab

1- Brainstorm and Prepare an outline (write thesis) on:

CLIMATE CHANGE:

CAUSES AND CONSEQUENCES

↳ OUTLINE:- "Climate change is the defining issue of our time, and we are at a defining moment."

Antonio Guterres

(Secretary General - UN)

→ It is neither a new issue, nor it is fully settled one. Developed nations are dealing with it successfully, whereas developing nations are still struggling. Unfortunately, Pakistan is also one of them. This essay explores five such causes:

Population Growth, Industrialization, Deforestation, Burning of fossil fuels, Greenhouse Gas Emissions.

The main consequences behind climate changes

are: Health Hazards, Rising Global Temperature,

Melting of Glaciers, Natural Disaster, Extreme

Weather Events. These causes and consequences

are not descended from heaven. They are

man made and only strong will and

determination is needed to address the

issue of climate change.

Words = 120

LUCKY

↳ CAUSES:-

1- Population Growth

- a) Increased demands
- b) Pressure on Natural Resources.
- c) Increased waste Generation.

2- Industrialization

- a) Industrial Waste and Environmental Degradation.
- b) High Energy Consumption
- c) Weak Environmental Regulations.

3- Deforestation

- a) Infrastructure Development
- b) Disruption of Natural climate Balance.
- c) Forest Fires.

4- Burning of Fossil Fuels

- a) CO₂ Emissions.
- b) Smog Formation
- c) Global Warming Intensification.
- d) Oil Consumption in Transportation.

5- Greenhouse Gas Emission

- a) Agricultural Emissions
- b) Release of Gases.

↳ CONSEQUENCES:-

1- Health Hazards

- a) Respiratory Problems.
- b) Heatwaves.

c) Food Related Health Issues

2- Rising Global Temperature

- a) Intensification of Heatwaves.
- b) Extreme Weather Events
- c) Decline in Agricultural Productivity.

3- Melting of Glaciers

- a) Coastal Flooding.
- b) Loss of glacial Ecosystem.
- c) Disruption of River Flow Patterns.
- d) Glacial Lake Outburst Floods (GLOFs)

4- Extreme Weather Events.

- a) Prolonged Droughts
- b) Economic Instability
- c) Increased Frequency of Floods.

5- Natural Disaster

- a) Landslides.
- b) Water shortage.
- c) Soil Erosion.