

Essay:- Climate change:-

Climate change: Cause & Consequence.

Causes of climate change.

↓ 1: Green house Gas (GHG) Emissions.

- 1. electoral-short-termism
- 2. Influence of vested interest
- 3. Institutional conservatism

- CO₂ from fossil fuel burning (energy, transport, industry).
- Methane from livestock, agriculture and waste

2: Deforestation.

poor land → less able to understand or demand the structural reforms.

- 4: Weak human capital.
- 5: policy fragmentation.
- 6: Elite capture.
- 7: populist politics.

- Reduce CO₂ absorption capacity Amazon, Bongo & southeast Asia forests shrinking rapidly.

3: Industrialization.

these are the structural causes in Democracy → Pakistan specific & Governance.

- Heavy industries releasing CO₂, methane and nitrous oxide.

4: Urbanization.

- Expanding cities create heat islands.

5: Agricultural Practice.

- paddy rice fields emitting methane.
- Overuse of fertilizer releasing nitrous oxide.

6: Waste Management.

- Landfills emitting methane gas.

7: Natural (resources) Causes.

- Volcanic eruptions, solar variation.

8: Solar Systems.

as gov. interested in public trust given they need public for literacy rate is becoming a cause of climate change

Scio-Economic Causes:-

↳ Economic distress → inflation, unemployment & energy shortages make unpopular reforms politically risky.

↳ Urban sprawl → housing societies expanding into forests / peri-urban zones without regard for environmental risk.

↳ Media manipulation & misinformation.

Pakistan-Specific Consequences:-

1: Flood & extreme rains. → Environmental.
→ Economic.

2:- Glacial Melts and GLOFs. → Social & Health.
↳ Indus river system and hydropower.

3:- ~~Heatwaves~~.

→ Political & Governance.

4:- Agriculture Loss.

5:- Health Impacts.

6:- Water Scarcity.

7:- Economic loss.

8:- Security risks.

Conclusion (Linking Cause & Consequences)

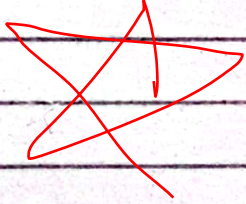
deforestation → less CO_2 absorption → rising temperature
→ Glacier melts → floods & water scarcity.

→ fossil fuel → CO_2 emission → Global warming → Heatwaves and droughts
→ food insecurity.

Climate Change: "Introduction"

"We are on the highway of climate change with our foot still on the accelerator." - Antonio Guterres, UN Secretary-General. Humanity is no longer debating climate change - it is living inside it. Climate change is no longer a distant threat; ^{it is} a present reality reshaping economies, societies and human survival worldwide. From (unprecedented) wildfires in Europe and North America to devastating droughts in Africa and South Asia, extreme weather are becoming new normal. What once seemed as rare "natural disasters" are now recurring climate shocks that redraw maps, displace populations, and resilience of nations. The climate crisis are not just environmental issue; it is an essential threat to development, security, and justice in the 21st Century. In addition, the Intergovernmental Panel on Climate Change (IPCC) warns that average global temperatures have already risen by 1.2°C since pre-industrial times. Although climate change is global, ^{well elaborated} it is profoundly unequal: wealthy nations drive emissions while poorer states carry the cost, exposing the injustice at the heart of the crisis. Pakistan is the clearest illustration of this injustice. ~~at the heart of crisis~~. Contributing less than 1% of greenhouse gases or in global emission, it remains among the top ten most vulnerable countries.

The 2022 floods displaced 33 million people and inflicted losses of \$30 bn, while the 2024 flash flood grieves over 200 people in a single week. Monsoon extremely affects the certain area of Pakistan like Mansehra, Mansehra, Gilgit Baltistan, Bajaur, Buner reports 91 death ~~This ext.~~ However, these extreme cloudburst, melting glaciers (that are more than 7000+ in Pakistan) and reckless use of ^{land} have turned Pakistan into a frontline state where climate change is not tomorrow's challenge - it's today's disaster.



Essay:-

Hook statements :-

"Climate change is no longer a distant threat; it's a present reality".

(UN Secretary-General Antonio Guterres)

"We are on a ^{شماره} highway to climate hell with our foot still on the accelerator".

(Antonio Guterres - COP27 speech)

Analytical hooks:-

In Pakistan, monsoon rains that once nourished fields are now drowning entire villages - proof that climate change is rewriting the geography of South Asia.

Every cloudburst, every washed-away bridge, and every displaced family tells us one truth: Pakistan's biggest security threat is climate change, not conventional warfare.

The tragedy of Pakistan's floods is not just nature's fury, but human negligence - weak governance, deforestation, and reckless urbanization.

↳ Careless.

↳ without thinking about the risks or consequences

Note:

→ if I have missed something important, related to any facts & figure kindly mention in review.

I have uploaded Hook statements to start the essay, if suggest which one is better, or which part I need to focus on. If they are not good enough suggest or recommend.