

English Essay

Mock Paper - II

Topic: Global Warming Is an expensive Hoax.

Outline:

1. Introduction:

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1.2 General statements

1.3 Thesis statement

2. Myths about climate change:

2.1 The Earth's climate has always changed

2.2 Global Warming is not a real issue

2.3 Heatwaves and wildfires have nothing to do with Global Warming

2.4 China is mostly responsible for Global Warming

2.5 Renewable Energy is expensive

3 Reality of the Global warming

3.1 Increasing Global temperatures

3.2 Shift in climatic conditions

3.3 Droughts and Dry conditions

3.4 Share of Developed World
in Global Warming

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Saviours

4. Conclusion

'The concept of Global Warming was created by and for the Chinese people, in order to make U.S. manufacturing non-competitive', says Donald Trump, the to-be 47th presi-

dent of the United States of America. For the longest time, climate change and Global Warming, has been treated rather as a casual global issue than a serious existential threat by the world leaders. The uncaring attitude towards this issue is evident from the fact that no serious commitment has yet been made to address the problem despite the severely devastating impacts the world has seen just recently. Increasing Global Warming is neither a new issue nor a fully settled one. Developed nations are dealing with it successfully, whereas the developing nations are still struggling. Unfortunately, Pakistan is one of them. Increasing Global warming is a rising monster hidden behind the myths and lies of the government to protect itself from the cost one has to bear, but in reality, what one forgets to remember is that the negative climatic changes is the best that earth's climate has always changed, Global warming is not a real issue, heatwaves have nothing to do with Global warming, only China is responsible for the Global warming and ~~climate~~ shifting to green energy is expensive. But these myths could be resolved if serious steps are to be taken on global level.

Over the course of Earth's 4.5 billion year history, the climate has changed a lot. However, the rapid warming we are seeing now cannot be explained by natural cycles of warming and cooling. The kind of changes happening now would normally happen over hundreds of thousands of years. Global temperatures are now at their highest since records began. In fact, the 10 warmest years on Earth since 1880, have occurred since 2014. So when people ~~today~~ talk about climate change today, they mean the man-made climate change. This is the global warming of the Earth's average temperature due to activities such as coal-burning etc to fuel the people's need and cutting down trees to produce the food we eat.

The second myth people believe is that global warming is not real, as actually it is still cooling. Global warming is causing the Earth's average surface temperature to rise, which in turn, is causing all sorts of extreme weather events like intense drought heatwaves but also, strangely, an increased potential for more severe cold weather events. And secondly, there is an important distinction between weather and climate. weather

refers to short-term changes in the Earth's atmosphere and represents things such as temperature, whereas climate is the long-term change in Earth's temperature. So short-term changes in weather will continue to occur and that is why we are still experiencing cold snaps, despite Earth's rising temperatures.

Evidence shows that extreme heatwaves have increased since the 1950s and human-induced climate change is the main driver; with every additional increment of global warming, these extremes continue to increase. Because climate change creates warmer and drier conditions, so even if a wildfire is started as a result of human activity, there is more fuel available when vegetation is dry and relative humidity is low, it would allow fires to spread further and faster. So global wildfire season is getting longer, due to higher temperatures and longer droughts.

Human-induced climate change is something that has been happening for many years and western countries like the UK, have played big role in contributing to carbon emission

over the past 200 years. So this means that only looking at who the biggest emitters of greenhouse gases are today is an oversimplification of a very nuanced fact. Because even today, a lot of the products purchased in UK are manufactured in China, which means that we are transferring a large portion of our emissions to the countries responsible for creating the products we use.

Secondly, China's industrialisation begins after 1950s, ~~thus~~ and UK's industrialisation began in the 18th century. So China claims that even if today it is emitting 31% of the global greenhouse gases and UK only 2%, is because these Western Developed nations have had enough time to shift their industries to green sources and now it also requires time to shift its industrialisation process and reduce carbon emission. China aims to reach peak carbon emission by 2030 and to carbon neutrality by 2060.

There is another myth regarding the global warming, that since shifting to green energy is expensive and it implies huge cost to shift to more green resources ~~like~~ and renewable energy ^{sources} such as solar and wind energy. Developing nations like China,

India blamed the developed nations for the increasing Global temperatures due to their rigorous industrialisation process for their development. ^{whereas} the developed nations like the US, blames china for the devastating climatic conditions today. ^{since china stores 30% of the carbon emission today} The estimated cost for developing nations to shift to renewable energy is \$5.8 Trillion annually from 2023 to 2030. But in reality shifting to renewable energy is ^{becoming} more affordable, as the cost of solar panels have dropped by over 80% since 2010.

But despite of all these myths the statistics from climate organisations are alarming. According to a report by NASA, the Global temperatures have risen by 1.1 degree Celsius since the late 19th century. 2024 was recorded to be the most hottest year on record. These increasing temperatures are not only causing weather variations but a long-term climate conditions. The period from January 2024 to November 2024 has recorded above average temperatures. The temperatures for different areas of Pakistan like Islamabad hit 41°C in the summer of July - June 2024, where average temperature was between $30-35^{\circ}\text{C}$ in summers. This shows that the increasing Global temperatures are not only short term weather variations but a long-term more intense temperatures causing prolonged hot climate.

Global warming is a severe problem that could not be neglected because not only its causing permanent ^{climate} climatic conditions but also posing an existential threat to humanity by triggering other climatic conditions like melting ice extent. The Atlantic sea has seen a ~~below~~ 10% below ^{average} ice level in the last nine years from 2015 to 2024. These melting glaciers are ~~being~~ more causing devastating floods and rise in sea levels. The floods of 2022 in Pakistan is the most recent example of the most devastating ^{impact of} ~~ir.~~ ~~sc~~ ~~cf++c~~ Global warming. The prolonged summer seasons has caused an increase in sea levels by 0.20cm - 0.44cm every year since 1993.

The recent wild fires in Los Angeles, California is a big example of the severe impacts of Global warming. The Great Los Angeles wildfire fueled by powerful winds and dry conditions, destroyed 12000 structures, killing 27 people and burning down 40,000 acres of land. Statistics have shown that ~~these~~ wildfires 75 percent of the Earth's land is drying and facing severe droughts. 20% of the Earth's land will cross the temperature limits and would be uninhabitable by 2100, displacing

Two Billion people by 2050-2070. Even Pakistan had seen the impacts of increasing temperature in form of wild fires erupting in ^{the} Margalla hills last year, burning down acres of plantation and natural habitats of wildlife. It is estimated that One million out of the global eight million species are at risk due to climate change.

Not only has the developing nations contributed to increasing temperatures aka Global warming but the developed nations have equally played their part. Kyoto Protocol's failure is the significant evidence of the non-serious attitude of the global leaders as well as the persuasion of selfish interest. Developed nations have contributed 79% of the carbon emission from 1850 to 2011. Even today the US is the third biggest emitter of green house gases. The US has, under the Trump administration, vowed to get out of all the climate deals including the Paris Agreement in order to 'Make America Great Again?'

Renewable energy is the most affordable today than ever before. Technological innovation is making renewable energy more accessible, even for domestic use. The cost of solar-generated electricity

has fallen by nearly 90% in just 10 years. A report of International renewable energy Agency shows that the cost of green sources is steadily declining. Today, solar and wind energy have together exceeded 10% of the world's electricity production.

Global warming is an expensive hoax. The world is still confused, ~~and~~ about the myths tied to it. The two schools of thought, one in favor and one against, are trying to give arguments to support their beliefs. But the reality is that Global Warming is undeniably a life-threatening monster hovering on our heads. Its impacts are not hidden and we experience it every day. Today the climatic conditions like wildfires, tornadoes, earthquakes and for Pakistan the most familiar phenomena is floods, are the most familiar phenomena for our everyday life. Despite the myths associated to Global warming, we still need to keep reality before us so that a better solution could be sorted out.