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Mock English Essay

Q5 The environment has gone beyond the tipping point now

(i) Introduction

(ii) Manifestations of the fact that the environment has gone beyond the tipping point:

a) 2023 being the hottest year in recorded human history

b) World facing the most number of natural disasters in 2023

(iii) What are the causes of environment going beyond the point of no return despite warnings?

a) Hollow promises regarding climate action

b) Tussle between the super powers and rise of populism

c) Continuous distractions from climate action

(iv) What are the implications of environment going beyond the point of no return?

a) Rise in food insecurity

b) Climate induced migrations

c) Rising economic losses to the

global economy

d) Rising tensions and intensifying divide between the Global North and South

e) Human insecurity

(v) Ways to preserve the deteriorating environment:

a) Responsible role of the super powers regarding climate action

b) Investment in energy efficient and renewable technology

(vi) Conclusion

"Humanity has opened the gates of hell". This statement by UN General Secretary represents the fact that indeed the environment has gone beyond the tipping point. The phenomenon of global warming has been the major driver behind the present condition of earth. Global Warming is caused by the Green House Gases which are emitted during ^{different} the activities of men in the modern era. These activities ^{have} increased manifold ~~after~~ since the Industrial Revolution and have threatened the life of an earth ever since. Hollow promises ^{and} distraction from ^{climate} action have caused the environment to go beyond ^{the} tipping point which is having dire consequences for humanity including food insecurity, frequent disasters and economic losses. Similarly, the rise of populism has also been one of the cause of inaction on climate change despite

all the warning. However, the impacts of this negligence are detrimental for the whole humankind. Climate induced migrations have also become one of the major issues in the recent times. Like wise, the rise of tensions between different countries regarding the responsibility of climate change is another implication of the environment going beyond the tipping point. However, the super powers must play ~~at~~ their part to control the deterioration of environment. Like wise, investment in energy efficient ^{and renewable} technology must be increased to avert this existential crisis.

"We have entered the era of Global Boiling"
This statement by UN General Secretary Antonio Guterres underlines the fact that the humankind has gone past Global Warming and the earth is in the stage of boiling now. This

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clearly highlights the fact that environment has gone beyond the tipping point. The biggest manifestation of this fact is the continuous rising temperature of the earth. According to UNFCCC report 2023, the year 2023 ~~is~~ the hottest year in the recorded history of mankind. The average temperature of earth during this year was 14.98°C .

This rise in temperature and the earth ^{facing} ~~being~~ the hottest highest temperature during 2023 clearly represents the fact that environment is reaching the point of no return.

The heatwaves during the hottest year were unprecedented in the history of humankind.

Likewise, another manifestation of the fact that environment has reached to the point of no return is the amount of natural disasters faced by earth in the

year 2023. Natural disasters are as old as the history of mankind and they have been a part of the lives of people. The humans ^{civilizations} have been completely wiped out by disasters. However, the amount of natural disasters that have affected the earth ~~th~~ in 2023 have been the greatest in the recorded history of mankind, according to a report by EU climate panel. The high frequency of these disasters are a testimony to the fact that it might be the beginning of the end, if actions are not taken immediately to counter the problem of climate change. Hence, 2023 being the most year affected by most disasters also represent the fact that environment has gone beyond the tipping point now.

However, there are certain

causes for the environment reaching the tipping point despite all the warning for action. The major reason for the present situation is the hollow promises of the nations. The mechanism of Conference of parties (COP) has been in place for 28 years now. All the countries of the world meet once ~~in~~ a year and ^{make} pledges to counter climate change. However, the promises at these conferences have been hollow and the countries have not followed through on them. The reason for this negligence is the dependence of world on fossil fuels. The developing countries like ~~China~~ China and India, despite being the 2nd and 5th largest economies of the world, consider it the responsibility of industrialized West to counter the climate change. Likewise, the West blames these countries

and all the promises, like net zero carbon emission and maintaining the temperature upto 1.5°C of pre-industrial levels prove out to be hollow.

Another reason for the environment reaching the point of no return is the rivalry between the super powers and rise of populism. The two super powers of the world the US and China are in a continuous power struggle for the hegemony of the world. Their conflict includes both economic and geo strategic dimensions. However, these two super powers are also the highest carbon emitting countries of the world and account for more than 55% of overall carbon emissions of the world, according to a report of UNFCCC. The two countries are in a zero sum game and the preservation of environment requires these

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Countries to collaborate. Likewise, the rise of populism and right wing politics in the world has been another reason for the inability of humans to counter the threat of climate change despite the warnings. The populist leaders induce xenophobic sentiments in the people and collaboration on global issues became secondary for them.

The non-serious behaviour of Donald Trump regarding climate change is the biggest manifestation of the fact that how populist leaders ignore global issues.

Similarly, continuous distractions from the action on climate change has also been one of the reasons that environment has gone beyond the tipping point. The recent years on the earth have been marked by continuous conflicts and distractions. The state of continuous war has been one of the major distractions

From the action on climate change. These ^{continuous} distractions have caused the environment to reach the point of no return despite continuous warnings and time for action. The world is facing two major wars right now in which all of the major powers of the world are involved in one way or the other. The Russia-Ukraine war has been going on since two years and all of the developed countries of the West are indirectly party to this war alongside Russia. Likewise, the Gaza war has also involved the US and Middle Eastern countries in the conflict.

This has taken the attention away from climate action. This is clear from the fact that the US contributed only 17 million dollars for the Loss and Damage fund which is the lowest contribution by any country, as the US is preoccupied ⁱⁿ ~~to~~

funding billions of dollars in aid to Ukraine and Israel. Hence, the continuous distractions from climate action have also brought the earth to the point of no return.

However, this continuous non-action has taken the environment beyond the tipping point and it is having detrimental impacts for the humankind.

The biggest impact of the present situation is on the food security of the world.

The world is facing the worst situation of food insecurity and it is turning out to be the biggest challenge for humans. The

high frequency of disasters owing to climate change have destroyed the agriculture sector in the world. According to

UN's report, the food insecurity has reached its highest levels of the past 50 years. For example, the floods of 2022, in Pakistan

destroyed more than 33 million acres of agricultural land and this in turn led to the worst inflation in Pakistan.

This phenomenon is not limited to Pakistan only and is being observed all around the world. Similarly, due to continuous disaster, the farmers are switching to cereal and oilseeds which give high returns and the cultivation of food crops has decreased throughout the whole world. Hence, the biggest impact of environment reaching the point of no return is on the food security of humans.

Furthermore, another implication of environment reaching the tipping point is the rising climate induced migrations. Owing to high frequency and more deadly disasters, the people have to leave their homes and move to other areas. This phenomenon is causing multiple

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problems as the people have to leave all their livelihood behind and migrate to new areas. This also puts a burden on the people of the area where the migration occurs as they have to accommodate new people in their area with existing resources. The biggest manifestation of this increase in climate induced migration is the fact that Europe received most number of illegal immigrants in 2023.

The amount of illegal immigrants in Spain increased by 80%, according to EU bureau stats. Likewise, the disasters caused by environment reaching the point of no return displace the people internally as well. For example, during the 2022 floods in Pakistan, more than 33 million people got internally displaced. Hence, the climate induced migrations and displacements are also one of the deadliest implications of environment

going beyond the tipping point.

Moreover, the deteriorating condition of environment on earth has also got an economic factor to it. The high frequency of disasters caused by the continuous negligence on climate action is causing enormous losses ~~for~~ to the global economy. The disasters not only impact the lives of people but also their livelihood. Economies are suffering huge losses because of the continuous disasters. These disasters destroy the houses, industries, crops and schools of the people. This in turn causes the losses of billions of dollars. For example, the losses caused by climate change in 2023 were estimated at 450 billion dollars by UNECC and these losses are estimated to reach the levels of 1.5 trillion dollars annually by 2050. Likewise, the

2022 floods in Pakistan caused the ^{country} losses of 33 billion dollars. Hence, the economic cost of environment going beyond the tipping point is weighing high on humans and the global economy.

Besides, the environment going beyond the tipping point is rising the tensions between the Global North and Global South in an already volatile world. The debate regarding the responsibility of climate change has intensified owing to the ~~rise~~ increase in natural disasters in the world. The tensions regarding the responsibility of climate change is intensifying the divide between the Global North and Global South. The powers of Global South are using the platforms like BRICS to demand compensations for the losses suffered by climate

change. However, the Global North is demanding actions from all the stakeholders. This rise in tensions due to high intensity and high cost of natural disasters might prove out to be a flash point for the humans at a time when geo-strategic and geopolitical tensions are already high.

Additionally, another implication of environment reaching the point of no return is the human insecurity because of the unpredictability of weather patterns. The deterioration of environment has caused the weather patterns to become unpredictable. The periods of floods and droughts are becoming excessive. Like wise, the heat waves and flash floods are threatening the lives of people. Owing to the increasing temperatures over the world,

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the glaciers are melting at an unprecedented rate. The glaciers of Arctic region are melting at unprecedented levels and these are also carrying the possibility of releasing such ~~var~~ micro organisms which are unknown to humans and can threaten the human existence.

Likewise, the Himalayan glaciers are also melting at unprecedented rates causing floods and interm droughts. This problem is also leading the region towards water insecurity. Likewise, the changing weather patterns ~~is~~ ^{are} also having detrimental impacts on human security. The region of occupied Kashmir which is responsible for the water supply of Indus Basin has not received any snow fall in 2023 because of the change in weather patterns. Hence, the environment reaching the point of no return is having detrimental implications for human security.

However, the ~~sub~~environment must be preserved for the continuation of existence of human kind and the deadly impacts of deteriorating environment must be minimized. The super powers must play a responsible role in preserving the environment as these powers have the necessary resources required for countering climate change. Both the US and China must de-escalate their tensions for joint action on climate change as these two countries are the number one and number two economic and carbon emitters of the world. These super powers must provide the assistance to developing countries so that climate change resistant infrastructure can be developed in these countries. The responsible role of super powers is necessary to counter the deadly implications of global warming and preserving

the environment.

Secondly, the world must invest in energy efficient and renewable technology so that the environment can be preserved from further deterioration. Fossil fuel burning is the major cause of deterioration of environment and the human kind must invest in energy efficient technology to counter the effects of global warming. Renewable sources of energy are the best alternative for fossil fuels. However, this technology is still expensive and the world needs to invest on this technology to make it accessible to all the countries of the world. Likewise, the energy efficient transport system like electric vehicles must be mainstreamed by investment from technological giants of the world. Only by investing in energy efficient and renewable technology, can the

environment be preserved for future generations.

In a nutshell, the global temperatures reaching all time high levels and most amount of natural disasters in a year prove the fact that the environment has gone beyond the tipping point. This situation is caused by the hollow promises of countries, tussle between super powers and continuous distractions from climate action. However, the environment reaching the point of no return is having detrimental implications for humans including the rising threats of food insecurity, human insecurity, economic losses and tensions between the Global North and South. However, the responsible role of super powers and investment in energy efficient and renewable technology must be ensured to preserve the environment and counter the deadly implications of deteriorating environment.