

# ENVIRONMENTAL SCIENCE

## QUESTION (A)

(A) Global Warming has severe implications on the water resources. Discuss.

(B) Global politics is an impediment in resolving global warming and climate. What measures do you suggest to resolve this problem.

## ANSWER

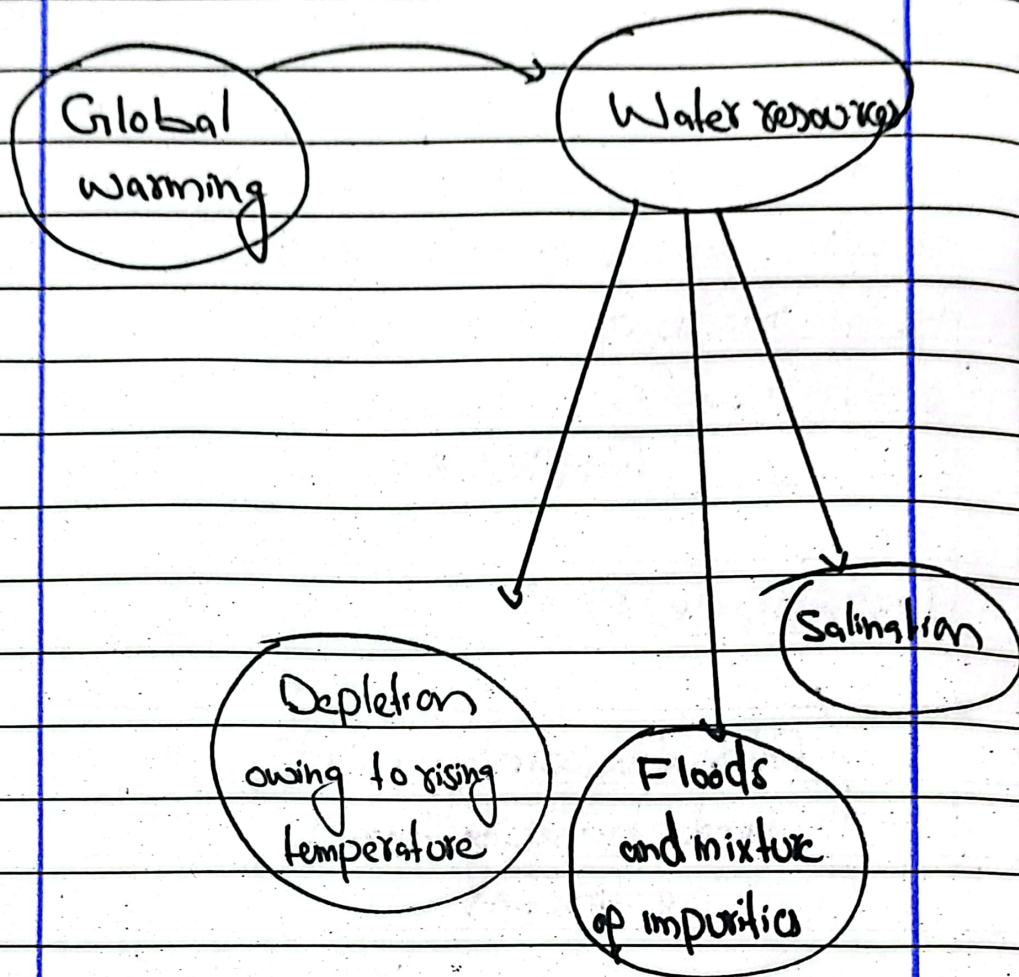
### ① INTRODUCTION

(Global warming will lead humanity towards extinction)

↳ Greta Thunberg

According to the book, *Earth: A Living Planet*, the rising global warming is harming everything on the Earth. Whether it is animals, plants or water, no one is safe from the implications of global warming. Glacial melting, rising salinification are some of the effects of global warming to water resource.

## ② Implications of Global warming on water resources



### 2.1- Depletion of water resources due to increasing temperature

According to the UNFCCC, 2022, the rising temperature has increased the speed of evaporation, owing to that the depletion of water has increased.

The surface water resources is at the high risk.

### 2.2. Glacier melting - losing fresh water resources

According to NASA (2001) the polar ice is melting very rapidly and the melted ice is increasing the sea-water level by almost 5 mch per year.

### 2.3. Rampant floods - adulteration of water with toxic materials

According to the World Meteorological Organization (2002), the rising floods are increasing the risk of water adulteration - for example, Japan's nuclear energy disaster and releasing of radio-active water to sea.

### 2.4. Rising salination issue - merging of fresh water with sea water

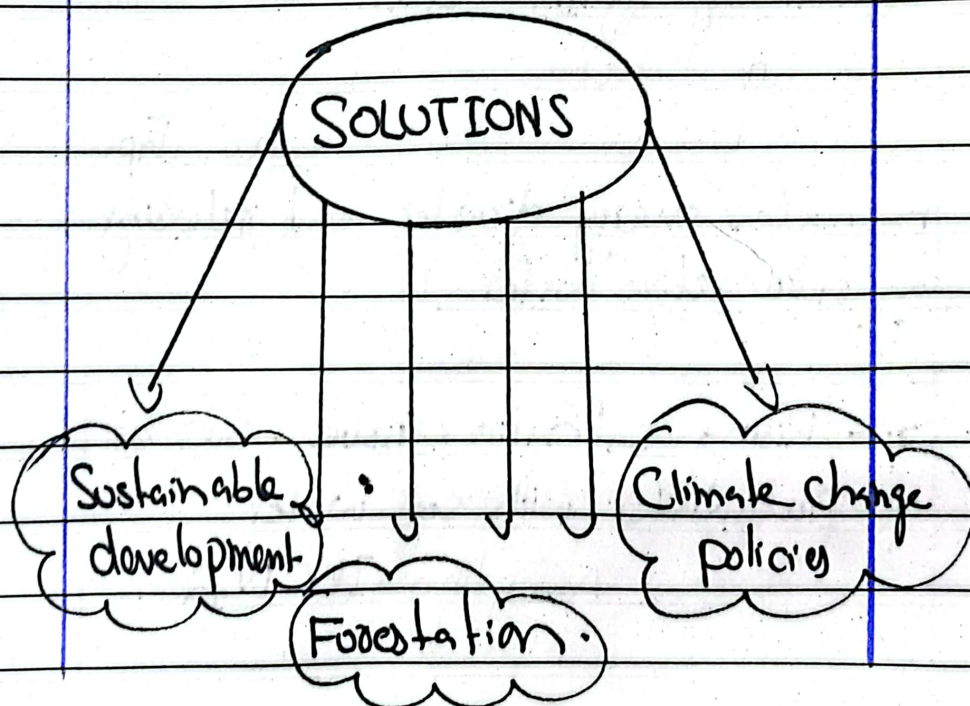
According IUCN, 2001,

there is a risk that the global warming can alter the normal pH of water and can increase the salinity due to floods.

### 2.4- Changing physical characteristics due to Eutrophication

According to Agenda-21, eutrophication is one of the gravest issues which can be exacerbated by the changing climate.

### ③ Methods to solve the issue



These are the some of solution mentioned at the Conference of Parties 29 (COP29). Through these climate change can be (all) stopped.

## ① CONCLUSION

Humans have only one Planet to live and it is at risk (UN Chief). The water resources are at very grave risk due to global warming. Rising Salinization is one of the implications.

## QUESTION(B)

## ① INTRODUCTION

(Climate Change is  
a myth

↳ Ex President of the  
U.S Donald Trump

According to Al-Jazeera, (2017)  
the hegemons of the world are  
now using environmental concerns for  
political goals. There is no denying this.

global politics is an impediment in resolving global warming. It (1) compels the global leaders to subordinate the environmental concerns

(2) Global politics is an impediment in resolving the global warming and climate.

No:	Global Politics and Climate Change
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1.	Rendering Climate Change treaties
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2.	Rising Fossil Fuel emissions
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3.	Eco-economic rivalry and unsustainable development
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4.	Geo-political antagonism and increasing critical weapons.
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## 21- Rendering Climate change policies due to Global- Great Game - Rivalry

According to Fred Zakarya, the global great game has usurped environmental concerns. It has made global leaders to follow their national interests. Example: failure of Paris-agreement.

## 22- Unsustainable development and increasing fossil fuel emissions

According to COP-26 and 27 no single country achieved 'net zero' target that was ensured in the Paris-agreement.

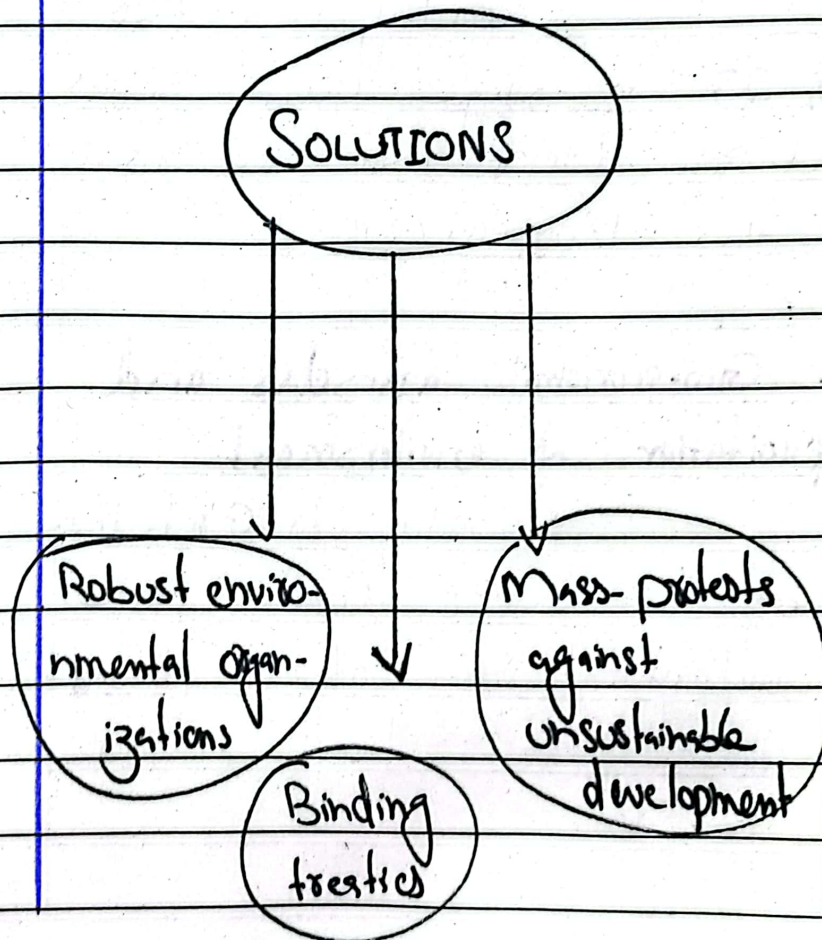
## 23- Geo-economic agendas and exploitation of environment

According to Grete Thunberg the world leaders are exploiting the natural resources for their own national interests.

2.4. Geo-political hegemony and development of critical weapons.

According to world Bank (2002) the construction of critical weapons also damage environment.

### ③ Measures to resolve the problem.





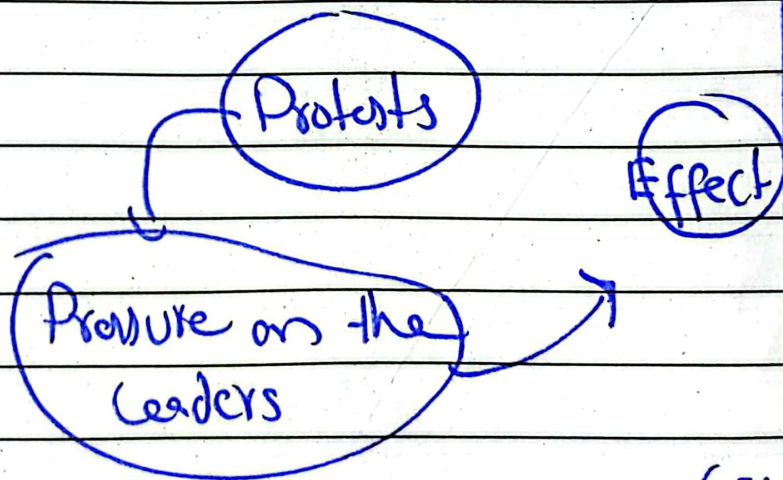
### 2.1- Robust environmental organizations

According to a BBC report, 'Dying Earths', the environmental (not) related threats are failing due to weak structure of the organization.

### 2.2- Binding environmental threats

According to world famous environmentalists, the threats must be binding for the sake of better results.

### 2.3- Mass protests against environmental exploitation



Conclusion - Geo-politics and  
geo economy are the main reason  
behind the global-politics that  
are (im-pending ~~the~~) an impact  
ment is resolving the global  
warring.