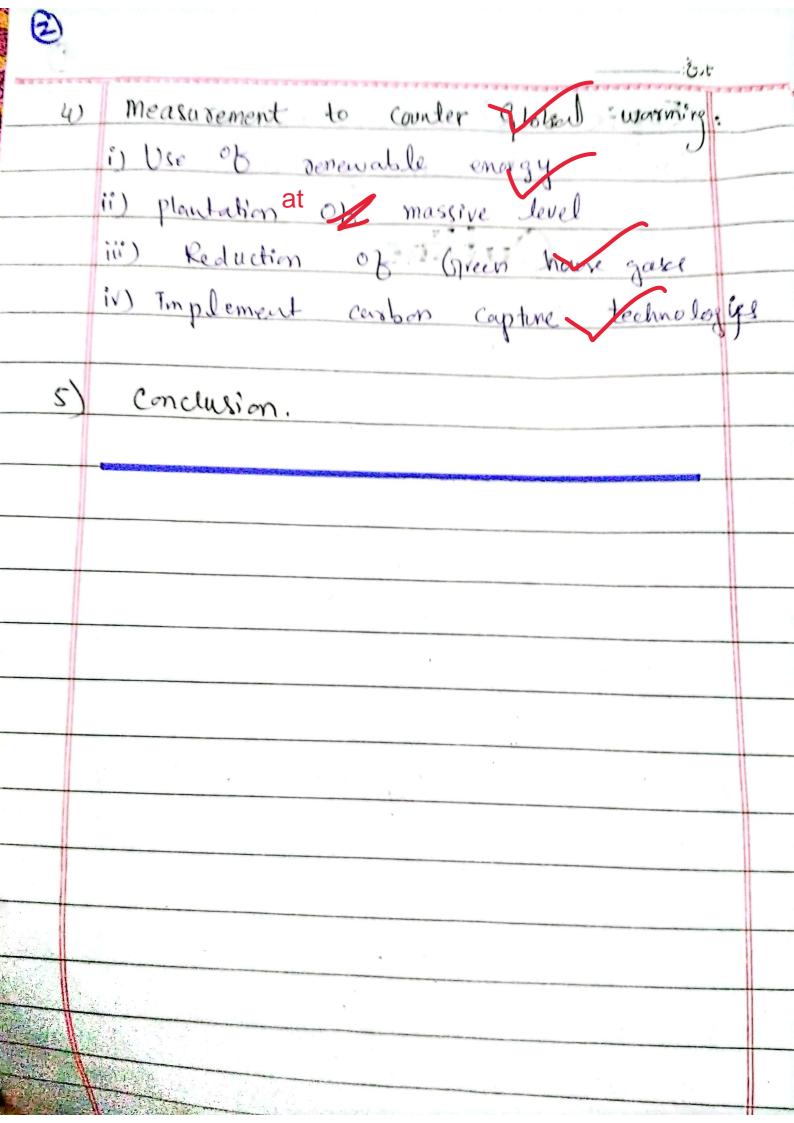
Mature your content  Avoid reliance on crammed/bookish	<b>①</b>
Bridge the knowledge gapvarming : it's Bring further maturity in your concess arguments	
Outline	
1) Introduction: 2) causes of global warming: Emission of house gases ((02, CHu) (40))	
ii) Burning ob bossil fuels (coal , oil, and natural gas)	
iv) Massive dejorestation	
vi) Increasing focus of states hand piling vi) Up vi) Emission 05 chlorof Juoro conbo	
vii) Exuption of wildfres  3) Consequences of Global warming:	
i) Melting ob polar ice spaciers and ice-sheets of biodiversity  ii) Loss of biodiversity	
iii) Threat to the Castle population  (v) Deptetion of ozone layer.	
v) Decline in agriculture production vi) severe flood	
vii) Rising of sea level	



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According to a recent	
NASA analysis, the average surface	
temperature has risen about 1.62	
degrees Fahrenheit (0.9 degrees Celsius) Since	
the late 19th century, while the resultant	
Sea level has visen close to 8 incles.	
Both there trends with various other	
Such issues, have raised alarm bells	-
in the Scientific community, in general,	-
and government circles, in postcular	-
the attention, however, is not more-than	-
Shrugging of usual shoulders, and	
then suggestions for solutions. It is	
another things that this phenemenon called	_
global warming is feared to create	
various issues bor human beings in	
the next Jew years. Resulting Joan	-
a mega event of big Bang our first now	uns -
beautiful universe and, specially,	
our searth seems to have become the	
victom of our own activities. The earth	
is the only planet sevolving around—the	
J. W.	

the San which Supports life because of it's favorable temperature and other physical condition the inclustrial sevolution from the mid-eighteenth Century has been instrumental in some roise in temperature -though that has been almost negligible. On the other hand, this revolution gifted earth dwellers with unimaginable facilities. However, it has also brought global warming or a vise in the temperature of the earth's climate System when the clouds, atmospheric particles, reflective ground Surfaces and Surfaces of oceans send back 30%, of the Sunlight back into space the remaining is obsorted by a'r, land, and oceans As the earth heats up it radiates - the extra heat back into space: Unjertuncitely, due to anthropogenic activities Such as Green house gases, burney of Jossil fuel, population explosion a Rapid Wanization and massive diferestation. The consequences

of global warming is melting of polar fice, glaciers and Tice- Sheet of Green land, lose of biodiversity, threat to the coastle population, Bising of Sea level, and depletion of ozonelayer Brobal warming is primarily a result of anthropogenic Jactors, and immediate collective action is necessary to mitigate its catastrophic Consely vesuel. one of the major cause of Global warming is Green house gases, particularly carbon diorigle, methane, and nitrous oxide sale key contributors to global warming. There gases trap heat in the Earth's atmosphere preventing it from escaping into space Human activities. Such as burning of fossil fuels agriculture, and industrial processes , significantly increase le concentration or greenhouse gasas. The burning of coal and oil for electricity generation releases large amounts of carbon dioxide into the atmosphere. The Environmenta

تارىخ: protection Agency (EPA) reports that methane from livestock contributes around 16% of global greenhouse gas emissions with methane being 25 times more potent than Coz at trapping heat Over a 100-year period There fore the othing concentration of greenhouse gases remains the primary driver of the grobal warming trend Observed today.

Another cause of global warming is the tarning of fossil fuels, Such as coal, oil and nestured gas, when these duels are burned for enorgy production, they release large amounts 06 cereban d'oxide (los) into the autmosphone, which traps heat and leads to rise in global temperature fossil fuel combustion is responsible for the majority of global carbon dioxide emissions, particularly from power to plants transportation, and industrial activities there sector only beauty on

protection Agency (EPA) reports that methone from livestack contributes around 16% of global greenhouse gas emissions avoith methane being 25 times more potent than Coz at trapping heat Over a 180-year poriod. There fore the sting concentration of greenhouse gases remains the primary driver of the global warming trend observed today. Repetition Another cause of global warming is the torning of fossil fuels, Such as coal, oil and natural gas, when these Jules are burned for energy production, they release large amounts 05 cereson d'oxide (loi) into the outmosphone, which traps heat and leads to rise in global temperature fossil fuel combustion is ves ponsible jor the majority of global carbon dioxide emissions, particularly, from power to plants transportabion, and industrial activities. There sector only heavily on

coal soil, and natural gas, significantly contributing to the increase in atmospherie Cor levels. According to the panel on: Climate change (IPCC) , Jossel fuel combustion accounts for nearly 28% of global Coz emissions As a result the burning of Jossil Juels is a major don'ver of the organy increase in global temperatures and the intensifications of dimate charge. Besides burning of Jossil fuel, popolation explosion is also a major course of global warning. more people lead to higher energy domand and increased Jossi I Juel consumption Rising population increases dejosestection and energy use As more people require energy for electricity, transportation sand industrial production. the consumption of Jossil Juels vises. leading to bigher combon dissible emissions According to the United

Notions, the world population is projected to reach 9.7 billion by 2000, which will put immense pressure on moderner resources and exacerbate no environmental crisis. the increased need for agriculture to feed this growing population also leads to deforestation, Juster reducing the planet's ability to absorb Con. The population explain significantly amplifies the effects of global warming. Further more, massive deforestation Plays a significant role in global warming by reducing the planetis ability to absorb carbon dioxide Cor Forest act as vital combon sinks, but large\_scale cleasing of trees bor agricultume, logging, and Urban expansion disrupts this balance the food and Agriculture organization (FAO) estimates that around to million hetars of Jorest are lost each year. contributing Significantly to climate

change In addition, deprestation leads & biodiversity loss and others rainful patterns, firther wasening environmental instability Thus, marine deferestation is directly linked to the vising of Cor and the intersi Dication of glaber warming, In addition, weapons of mass destruction (NMD) pose Significant threats to global security. their destructive capacity can lead to catastrophic consequences for nations and the world for instance, the use of nuclear weapons during world war 11 resulted in the deaths of over 200,000 people in Hiroshima and Nagasaki's demonstrating their devastating impact. Additionally, - the proliferation of chemical weapons, Such as those used in the Syrian - Girl War, highlights the ongoing roisk they pose to civilian populations are international norms More ever

Link this paragraph with the topic Biological weapones capable of cousing neidospread disease and pania, howe the Potential to dissupt Societies and conomies on eiglober Scale the existence and potential use of weapons of mass destruction genain a grave that to global security and stability. Along with this all causes the emission of chloroflurocarbons (CFCs) has had a profound impact on global worming and ozone layer depletin. CFCs trap heat in the astmosphere and break down ozone molelules cFCs once widely used in regrigeration , aix conditioning, and acrosol spraye are potent greenhouse gases that not only contribute to the green house effect but also cause the depletion of the ozone layer when Coc reach the stratosphere. they break olown under UV radiation, releasing chlorine doms - that destroy orone molecules According to the UNED

reports - their CFC: com be up to 10,000 times more potent -than Con in trapping heat. The emission of CFCs has left a long term impact on both global warming and ozone depletion, with offects that persist even after their phase-out. One of the most severe Consequences 05 global warming is rapid melting of polar ice, glaciers, and ice Sheets As global temperature vise, The Arctic and Antaxctic regions experience Significant ice loss, with glaciers retreating and the sheets thinning at alarming lates. According to NASA, the Arctic sea is declining by 12.6% per decade, which contributes to rising sea levels. The melting ob glaciers in places like Greenland and Antarctica adds vast amounts ob freshwater to the Oceans, threatening Coastal Cities with flooding Additionally, The loss ob ree disrupts ecosystems, affairing Species like polar bears and Seals that

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on ice for Survival Hence, the melting ob ree due to global warming has far reaching effects, from riging sea levels to ecosystem disruptions Another major consequences of global warming is the loss of biodiversity, as rising temperatures and changing climates put immense pressure on ecosystems. Many species are unable to adapt quickly enough to the new environmental conditions; leading to habitat loss, migration, or extinction. According to to the international Union for Conservation of Nature (IVEN) warns that nearly 28% of species are at risk of extinction due to climate change for example, coxal reezs are experiencing widespread bleaching because ob warmar Ocean temperatures, which threatens - the marine libe that depends on them. Additionally, species Such as polar bears and amphibians are losing their habitats as ice melts and

and wetlands dry up. The loss of biodiversity has severe consequences bor ecosystems and human like, making it a major outcome of global warming. Furthermore, Crobal warming Significantly - threatens coastal population around the world Rising Sea levels and exterme weather events are increasingly affacting low-laying coastale region Melting ice caps and glaciers Contribute to vising sea levels, putting coastal greas at Tisk of blooding and Submersion Globel worming intensifies stooms and humicanes, leading to more frequent Zlooding and destruction of infrastructure. According to the intergovernmental panel on Iclimate change (IPCC), Sea levels have sisen by about 20 centemeters since 1900, with projections indicating a burther sise of up to 1 meter by 2100. Coastal communities are also facing more frequent and intense Storms, husoicanes, and Justing, all excerbated

by global wasming the Increasing threat to coastile populations due to globel worming enlargers lives nomes, and economies In addition, the depletion of the ozone layer is a criticel consequence of global warming, as it exposes the earth to harmoul ultraviolet (UV) radiation the gone Jayers, which sits in the stratesphere, absorbs the majority of the sun's UV radiation, protecting living organism from it2s damaging etteets. However, the emission of chlorofluorocarbons (CFCss) and other ozone-depleting substances has led to Signibicant thining of -this protective layer. According to the world Meteorological organization (wmo), the ozone layer over Anterctica has thinnned by nearly 40% Since the later 1970; due to human activities. Increased UV radiation even blass resulting from ozone depletion can

investing in renewable energy creates.  Jobs and stimulates economic growth:
particularly in regions transitioning away  trom fossil fuels Governments can
Support - this Shift by implementing palicies  that encourage the development and
Such as tex incentives > Subsidies , and
grants. Furthermore, the integration of renewable energy into the good enhances
energy security and reduces dependence
use of renewable energy is essential
for mitigating global warming and fostering a Sustainable future.
The plantation of trees on a massive scale is a powerful strategy
to combat global warming and mitigate
afforestation ebborts help absorb combon
d'oxide from the atmosphere, which is one of the primary greenhouse gases

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	lead to higher rates ob 8kin cancer,	
, :	cataracts, and harm to marine ecosyste	ems,
	including phytoplankton, which form the	
}	basis Of the Ocoanic Good was.	
<b>/</b>	Hence, the depletion ob ozone layer	
	poses serious health nivs and threatens	
-	globel eersystems	
	Moreover, decline in agricult	coned
-	production is a critice consequences of	
	Global warming Rising temperatures and	
	changing weather patterns abbeet crop	
	growth and hervests. Heat waves, droughts,	
	and floods damage crops reducing	
	Yields: water Shortage Shortages and unpredictable rain make Farming more	
	challans & 08 to each a challans & 08 to each a challans	
	challangésig for instance, studies Show	
	can result in a 6% drop in rice	ne
	production. Additionally, shifting rainfall	
	patterns lead to water Shortages in	
	Key agricultural regions, making it	
	harder to issignte crops According	
	The Copy Mecoderia	

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	The state of the s	:&,t
	to the Food and agriculture organ	ization
	to the food and egores 100 to Co	)
	(FAO), this decline could cause up to a	L•
	30% reduction in global bood product	100
	by 2080, wasening hunger and marine	trihin
	in many parts of the world.	
\$ 700	lastly, the alarming	
	consequences of global warming is the	
	ocrease in the frequency and intensi	ity
11	2 A A A A A A A A A A A A A A A A A A A	
	Bevere Floods. As global temperaltin	
જો!	se, the atmosphere holds more moistur	8e,
le	ading to heavier rainfall and more	
inl	tense storms This, combined with melt	ing
	aciers and rising sea levels, increase	
0	e visk of blooding in both coastal	and
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Lsla	and areas the intergovermental panel	011
Clin	nate change (IPCC) has reported?	
theut	climate change is already cour	sing
M 400	e extrem rainfall events & reading	V
11101		va Jestian
to	frequent floods Additionally, defor	he
an	d usbanization reduce the lane	1,1
mat	wal ability to absorb water	٧,
	ther increasing flood risk. Hence	20 >
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it is prone that severe floods not only result in loss of lives and homes but also cause widespread demage to infrastructure, agriculture, and conomies leaving long-term impact on The use of renewable energy is a crue'al measure is the fight against global warming, as it Significantly reduce greenhouse gas emissions that contribute to climate sharpe. Renewable energy Sources, Such as Solar, wind, hydroelectric, and geothermal power > produce little to no carbon emissions during operation, making them much cleaner alternatives to fossil feels For instance, according to the international Renewable Energy Agency (TRENA), doubling the share of renewable energy in the global energy mix could help reduce combon d'oxide emissions by 70% by 2030. Additionally

driving global warming According to the Food and Agriculture organization (FAO) a well planned rejurestation initiative can sequester up to 1.1 billion tons of Carbon d'oxide per year, significantly contributing to emission reduction goals. Additionally a forests play a oritical role in maintaining biodiversity, protecting watersheds, and providing housitats for countless species By accordent restoring degraded lands and planting trees in urban and rular areas, we can also enhance soil quality prevent erosion, and improve water retention in the easystem. Furthermore, Community involvement in referestation projects can promote environmental awareness and foster a Sense of Stewardship for neutral resources. Thus, large-Scale tree planting initiatives are essential you reducing carbon levels in the atmosphere and promoting a healthier planet.



Reducing greenhouse gas emission is also one ob-the most cartical actins meeded to combat global warning Greenhouse gases, Such as Carbon d'oxide, Methane, and nitrous Oxide, trape heat in the earth's atmosphere, leading to a rise in global temperatures Cutting emissions from fossil fuel consumption, industrial activities, and agriculture is essential to slowing this warming . For instance , switching to cleaner energy Sources, Such as Solax and wind, can dramatically reduce corbon dioxide emissions According to the United nution! Environment programme (UNEP), if global emissions are reduced by 7.6%. annually, the world can meet the target ob limiting global temperature rise to 1.5%. Additionally, improving energy ebbiciency en industries and promoting electric Vehicles con help reduce greenhouse gas output. Furthermore, reducing methane

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	Ob limiting global temperature rise to 1.50.
	improving energy estricional
Carry T	industries and promoting electric
	venicles can hold and
	output. Furthermore, reducing methane

emissions from agriculture by adopting Sustainable Zarming practices also Contributes to lowering global warming impacts. Reducing there gases is key to stabilizing the climate and protecting ecosystems Global warming is mainly driven by human activities and Orgent, collective efforts are essential to prevent it's devastating effects The increasing concentration of greenhouse gases in the atmosphere, primarily from human activities, has accelerated the pace of climate change, leading to charming environmental consequence massine deforestation, Emission of chlorofluoro cerbon, Exuption of wildfixes and meapons of mass deforestation is the major causes of global warming sould on the other hand severe flood, catastrophic rains, seeline in agriculture production. depletion of ozone layer and rising of Sea level are the consequences of

