Interduction	
What role do forests play in supporting human survival and development?	
Handling of this guestion is fine	
Oxygen production (8/8%): a oxygen produced by forests)	
Regulating water cycles and water filteration (NY city water supply)	
(NY city water supply)	
Providing medicinal and praema centical compounds	
Tuebocuacine for Pacthinsons,	
Good t9 go but need better for malacia) organisation	
Try to write first introduction with Mounts	
Middle body abd and inclination	
(Indonesia Rubber and	
palm oil Industries)	
Climate change mitigation and climate regulation	
and dimate regulation	
Climate change mangation and climate regulation (Congo rainforest and African climate stability)	
African clinicale scasium	

	How does civilizations lead to	
100	envisonmental dégradation?	
	Population growth	
y .	(Easter Scland's civilization	-
	Collapse: How Societies choose	K. S
	to fail on succeed)	
	Usbanization and infrastructure	
×	development.	
	denelopment (Beijing, Munbai, Dubai)	
	Unsustainable agricultural	
	practices	
	(The Dust Bowl, 1930's)	
	Climate Change	
	(EU report cubit CO2	
	concentration)	
-	Inadequate environmental	
	degradation	
	(The Cillapse of Avail	
	degradation (The Collapse of Aval Sea, Central Asia.)	
	Strategies to implement to	1
	Strategies to implement to prevent desertification	
	sustainable frestry	
	Sustainable forestry (Forest Stewardship Council	

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Date		
	Date:	
J	Certificates)	
	Community Board Forest	
	Management	
U	Community Based Forest Management (Nepal's Community forestry	
	Program	
	Education and Arrivenous	
	Education and Acciveness (Green Belt Movement, Kenya)	
0		
	Contemporary Implications	
	peforestation for Agriculture	
	(world Resource Institute	
	20% Amazon forest is lost)	
		1 12 1 15 1
	Unsustainable Use of water resources in Middle	
	East.	
	(FAO report on 9ran's	
	(maasical asic comet asic)	•
	onclusion-	
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Date: "As he planted each acom, he envisioned teess just but a where life could theine harmony in with Glong nature" Jean wrote sow estil The Ma in his tale who planted tees' nauatin story a shephad teans forms desolate landscape a into thein Josest through a this unwavering dedication nature. This Hory not reminds Good continand over language is fine rejuvenate entire ecosystems-Forests a cucial maintaining environmental U providing balence. dater ' regulating cycles However, agricultural Expansion and industrial significant deforestation environmental and degla dation. The vital contributions of human forests to denelopment Rund highlight their destruction yosses now threats to grave, ewgystem det destiticationbund exacubates

These are human activities

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Ş	to the human activities
	that put puture civilizations
ĵ	n the danger of existence.
	Industranding the Dimplications
	I human activities on the
۵	chrinonment reveals the urgent
	reed for effective strategies
	to ensure d'sustainable
A STATE OF THE STA	management, emphasizing the
	resource of preserving natural
	future generation.
	D de la

One of the most vital holes that forests play to ensue survival and development, human is oxygen production. As the lungs of our planet; theits absorb carbon dioxide kind release oxygen through photosynthesis, thereby, making them chical for the existence of for the existence of human civilizations. Trees and D forests produce 28% of the world's oxygen with ocean plans producing the rest. It is also proposed that one large tree can provide a one large tree an provide a day's supply of oxygen for rus to four people (USDA). Thus, with by sain to preservers, preservers, preservers, preservers, when advancement of human cinilizations. Overall coherence in Snother significant gration is the trole of forests in regulating the water cycle and girlering water. Forests and cas matural sponges, cubsorbing trainwater and releasing it slowly, helping to regulate twater flooding. They also filter water tenoning pollutants and impurities.

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Date:_ is life-sustaining, as it provides dean and accessible water to human populations for agriculture.

deinking and sanitection: For instance, the New York City Water Supply heavily relies on forested watersheds particularly in Catskill and Delaware watersheds. The extensive forested regions act as natural betters it to seep through the soil, cos water passes theorgh the forest floor it is filtered of pullutants, sediments and puthogens This natural filteration process ensures that water reaching the reservoirs is clean for consumption. Ultimately, forests sustain human chilizations and their water needs. a critical source of medicinal compounds and phaemaceuticule, significantly consibuting to the beauter and well-being A human propulations. The diverse array of plant species found in foresti ecosystems offers a fich repository & bioactive compounds that I have been used in traditional and

modein medicine. Turbocuarine from the curare liana plant originaally used by natives to poison acrow tips, now used as muscle relaxant for sugeries, and to treat muscle disorders like Parkinson's desease. The use of Quinine to treat Malaria is also a notable example. By providing accorde effortition baite affects for an indespersable role in the advancement of healthcare and the treatment of lifetheeatening diseases Heathy supporting the growth of human civilizations. . Inother important role that forests play in sustaining human civilipations is providing critical livelihood and economic resources. Through logging, agriculture, exotourism timber, fuelwood, nuts and fauits, forests offer income and omployment opportunities to milions of people around the world. For example, in Indonesia, the foest-based subber and palm oil industries are major sources of employment and scownic bywh supporting trueal communities and contributing significantly to

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Date:_ the national economy. By ensuing the well-being communities and economies, forests are vital in Jostiling longteen societal Moseover, forests play an integral part mitigation and dimate ensuing regulation the stability needed future. inilizations to theire They about voot anist of Taebon dioxide activa Caubon sinks that help reduce greenhouse gas concentrations and limit global Local and global climate by waining. Adaltionally the influencing rainfall puttiens and naintaining humicity levels. notable example is the Congo lenels. A Rainforest, which is certical maintaining climate stubility an Africa regulating water cycles and Pacting as against extreme weather. Mccording to a report sy UNIFICCE Storest could contribute the solution needed catasteophic change preserved and restored.

Date: While forests have been significantly contributing to human development and growth g civilizations, it is our own activities that put our environment in the exponential growth the human population has weale havoc potential to human cinilizations, and upon is replete with examples Pristory 8) This phenomenon. As population expands the demand for land, food, water and emergy Incueuses, leading to differestation, habitat destruction , and over exploitation of resources. Clime and conflicts soon follow- 4 stark example can be sen in the fall of Easter Island's civilization, a where overpopulation and the deplotion of natural resources and to societal collapse as detailed in Jaked Dicamond's Look Colapse : How societies choose to fail or succeed? The pressure of population growth civilizations towards resource secucity and eventual downfall-As human civilizations evolue and promote Rebanizations Date:____ and injusteucture projects, they inadvertently contribute to their own desertification. As cities expand voist teacts of land are cleared for construction, leading to deforestation, soil exosion, leadin the depletion of water and 4 This hapid whan growth sulcesunegulated, causes long-Oten environmental damage U teem. and life Major Cittes very good orld like Mumbai Beijing, , Jakarta and Manila, have cleded their forest and greenbetts to make space for the rupid webenization and intrastructure requirements. If not occuefully managed,

it can lead to leisus threat

to the long-teem sustainability

human civilizations. Inother to id writing in passive as the natural world is rensestainable agricultural practices like one-farming, over monocropping, tilling of the soil, deforestation, or corporate agribusiness and reduction of biodiversity- when agricultural

Date:__ land is exploited for short-teem gains, it becomes degraded, leading to soil closion, and when they desert fication- On the other shares it also undermines agricultural productivity, leading to food insecurity and trigger social unest. One prominent example to the Dust Bowl of the 1930 in the United States, where intensive without soil conservation bechniques led to nousive topsoil existen and agriculture failure. Enghonmental
Catastrophes as such causes good show economic cultapoe, deining home the consequences of runsustainable agricultural practices. In a similar way Climate Change poses existential thuat civilizations, with the potential to trigger midespread environmental degradation and social representation As gabal temperatures rise, extreme weather events such as desights, floods and heatwares become and interse , destrebilizing ewsystems and putting Immense

	steam on societies. This can
	eventually lead to food
	shortages of wooder scarcity, and
	mass displacement, underwining
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	ruman Santization- Climate
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	(Refore 1350), causing the Earth's temperature to rise and climate to charge It is the human activities like climate change that deteriorate the living
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	that deternate change
	that deteriorate the living is conditions for humans, leading to
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	N. C.
1 - 1	Another factor that leads on
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	human civilizations. When the
	governments fail to implement civiliz

Date:_ and enforce strict environmental laws, I wupercitions and individuals are per to pollute air, water, exploit L natural resources , and destroy ensystems without lacing significant 1 consequences. This run Dead to midespread environmental degradation sclimate change and kublic health crists For example ie, the collapse of Aral Sea in Central Asig was a result of your environmental governance and and management of Unater resources for agricultural itsigation, causing one world 3 largest inland Pakes to shink diasticulty. A clisis live this devastates Vical Communities and their amornies illustians 1 mufficient environmental policies lead to societal decline-Thus, its to say hut Luman chilizatins lead own gadual desertificationto their However strategies tha ue serreal Avoid writing the piture theeater civilizations. One human such steategies

Date: is sustainable foresty. These practices involve managing the green belts to a way that maintains their health, Giodinersity, and puductivity for fiture generations- By choosing ligging trees, replanting native species and traveing soil degradation, sustainable forestry ensures that forests Continue to provide essential eisightems services like water regulation and carbon storage. implementation is the Forest Stewardship Council (FSC) certification program, which promotes the responsible govest marriagement openably; helping to preduce deforestation and deseitification-Adopting such practices worldwide is essential for sufequarding the future of human Druther such strategy is (CBFM) which emposes was communities to take ownership and hesponsibility for managing their forest resoluces. This apparach recognizes

Date.___ the innate intimate connection between communities and their natural resources, and emourages the development of locally appropriate solutions to address the challenges of desertification. A successful example is seen in Nepal's community Goodyvery good , where board grays have significantly reduced land degradation through active forest management as highlighted in The Guardian. The successful examples of CBFM shows, it results in better conservation outromes than state controlled ones. Thus, engaging communities in forest maneigement is key to preventing desettification and fostering sustainable ecosystems for the generations to come. Furthermore education and audieness are ceucial tools in combating environmental degeadation to safequard human civilizations-By educating communities about the causes, consequences, and potential solutions, we can empower them to make informed decisions and take action to

Date:____ Date:____ protect their environment. In duding a chapter on sustainable of environmental plactices in school such in deforestation auskalum, and quising a dialogue amony incliniduals to World and attention would be of the brought to the consequences of late - to - no action. Awareness and education compaigns have received in a success in souther while the past, for instance, the fattleins. Green Bett Movement in Kenya Led by Nobel Laureatt Wangari
Maathi empowered byal women
to plant mulion trees and
combat descriptation. The issue is me a movement was attributed to education and grassroots efforts. Therefore, education and East Dw stability. (awayeness campaigns can be used as tols to combet the environmental degradation exticition industrial It is important to senere analyze contemporary implications of human activities that water so results. which x contribute to environmental degradation and pose significant threat to the systemnousility urpuductiniti that once of human inalizations- One of resources (Date:_ such implications is the deforestation for agriculture in Brazil. Large-scale cleaning of forests for cattle ranching and sources farming discusts the natural cosystem- According to World Resources Institute, 20%. of the Amazon has already Been West. This increases the Listes of desett secution in the Southern parts of parts of the regions the sainfall patterns Inother prominent contemporary issue is the unsustainable use of water in the Middle Fast D which is the atering the legion's environmental stability. Countries like Iran and Saudi Akabia an engaged in excessive gound water extraction for agricultural and industrial purposes leading to senere depletion of vitall water sources. This 1 overexploitation results in soil scalinization which results in agricultural unpuduatinity and dumpts excel segestems. FAO reported 60% of gran's Gode that over being used unsustanably, resources au

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