

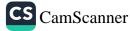
Climate Change and How do you depene Global warming? what concrete evidence supports the that the climate ender going change? Analyze the Schentific homas-induced dimate discourse surrounding change, enploying the role of human activities phenomenon. Provide thoughtout suggestions securing the climate on planet Earth, considering gedividual and collective actions. both LIMATE LHANGE ND LOBAL BRIEF VARMING-NTRODUCTION Climate Change and Global warming are terms used interchangeably. As per the UNFCCC ( United Nation Follow prop thing Climate Change introduction "Climate Change is defined as the change which is directly or indirectly attributed to The human activities; this results into a change in the composition of global atomosphere which histigates a change in the global temperature which fulther results in the global climate variability.' - (UNFCCL)



While global warming is the defined as. " The thermal process in which greenhouse gares trap and ricmit the heat that results in warming of the atomosphere and the Entire Earth?" (Bottein & keller) EVIDENCE THAT SUPPORTS TLOBAL WARMING AND CLIMATE CHANGE 1a) Melting of Polar Ice Caps In Antartica, the pollar ice caps are quickly melting due to vising known hurs. In 2018, an ice sheet broke away to the size of London city. NASA estimated that in the Artic Sea the ice loss is 1105% per decade. Heatwaves across the world 6) Rising global temperatures have led to hat waves across the world. Xingjiang, China recorded +52°C for the first time in history. London 10k recorded 40°C for the first. Greece suffered a hatwane for 20 days when temperatures were above 35°C.



DATE: \_\_\_/\_\_\_/\_\_\_\_ Flooding a common sight across the C) Pakistan has been hit with devasting floods in the 2012. Monsoon rains porred heavy amounts in matter of pew days that resulted in 33 million being lis placed. China, plooding. US, Maly, Russia all experiences sevene Dubai in this year suffer a from orban Rising Sea Levels have washed many lowlying d) areas Jakarta, Indonesia is sinking at a pace of 1/2 feet over the past 25 years. It has sunk 16 feet Hill. Tovalo, Kirbali and Maldines all have Lost their islands. In Pakistan, the Mabian sea has introded up to 67 km into Thatta Badin by turning its agricultural linto savine Land. )F HUMAN ACTIVITIES KOLE HIS HENOMENON Rise of Urbanization lead to degradation a) of Crop Land The Population explosion has lead to a boom



DATE : \_\_\_/\_\_/\_ In urbanization. Today, our cities times the sizes they were previously. In Pakistan, a study by the urbad unit concur Labore with by 12000 hectares In the past 28 years from 1990 to 2018 3? This growth decimated agricultural lands and lead to various new phenomenonal such as smog and air pollution Rapid Industrialization has Increased Global Temperatures 6) Since the industrial revolution, the temperature has nised 1.2°C from (1850-2023), and has the Teal to nise from current 1.4. to Si8°C till 2400. (IPCC). Man's quest to indust Like led him to decimate forrest cover, relea toxic gases in the atomosphere and pollute vaterways. Burning af forsit has led to the release of harmf & elemicals such as SO2, NO2 and soon. MONBALOWER L 211 1 CFC's and the Depletion of Ozone Layer c) and Molina & Shearwood, two British scientis Conducted a study and found the ozone layer was fast depleting. Use of CFC's or Chloroflowscarbons were attributed to the came



DATE:\_\_\_/\_ fion. In September 2000, the size measured to be layer was kilometers' square (km2). CEC were in acrossly reprigerents and soluents. When were released, they damaged the Ozone particles in the stratosphere. war as a cause of Global warming d) conservative estimate by the UN, As per a contribute emissions. Similarly of global greenhouse stal degrad ation var habilet of humans 61 plants animab OR RECENTING UGBESTIONS RBAN OFRA (LIMATE AND MITIGATING HANGE CFF ECTS State Level & Promotion of Renewable Energy Sources a) Transistioning to renewable and green energy



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	sources can reduce the amount of GHG's	
	released in the atomosphere Moreover, the	
	issue of smogrand cir pollution can also	-
	be curbed through this.	
	aversiant branch put in an animport	
(6)	Promoteon of Sustain ble Urbanization	
	Controlling Urban Sprawl and promoting	(15
	concepts like Mined-Use developments and	
	Sponge cities can help our eitres become	
	environmentally sustainable and get as	
	green engines of growth.	
<u>()</u>	Implementation of Environmental Committee	5
	Commitments like the Montreal Protocol, UNFCCC	
	, SDG's and MDG's all lay the path por	
	sustainable you the and development of countries.	
	implementation of these protocole and goals	
	is a must to ensure a habitable and sustainable	
	Juhre. I	7
d)	Strengthening National and International	
	Strengthening National and International Environmental bodies:	
	1733 FT J 211	
	Bodies such as the Encuironmental Profection	
	Agency and United Nations Environment	
	Avgramme, UN-Habitat and others must be	10
	strengthened to insure cosperation both at the	
	Local and global level	198



DATE : \_\_\_\_ /\_\_\_/ Level In dividual a) Change of lifestyles to auomadale the Environment At the individual, people have to change their mentally conscience lifestyles, by opting for switching to green offing out plastics choices. and regulating the no logies for energy nat disposed of their hornes can oning instant change at the community level, for Environmentally friendly Legislations Pushing 6) must push for their legislators to pars Citizens ITem and their Juture generations. Moreover, Must be pomotrin order to peace and cooperation to ensure better a and quitable world. Environmental awareness to be spread in the c) community 12 norance is a big cause of pollution. However, awareness and guidan habits end can chand. 1 life styles formed and motivated Give viable solution whizens Do not attempt it in a generic **CS** CamScanner manner

DATE : \_\_\_/\_\_ society and its members! 2) Environmental Campaigning -Thumber Pootstep Citizens eampaigh rigoursby right. As determint to 4 oninging or neta T ū PI (agamst) for environmental change. NOIZUL JNON Global warming is an reque its epperts an us all limited an and or class or ethnicities. It can be erron A current attains and an IR an 2 a collective ISWER are different Understand the different ways of attempting questions Incorporate theoretical anal and add jargons and flowchar5ts etc Good luck!

