Natasha Habib ENVIRONMENTAL SLIENCE N SUBJECTIVE PART - PARTI Question no. 2 1 1 Part a (A) INTRODUCTION Climate change has become one pressing challenges of the most Scientists observ deteriorciting impacts oh entonment past for the 00 cen relation which can direct to between climate change established -5 industrializations era. It has also -3 resulted into a cascade of usu will be discu 1000. --(B) INDUSTRIAL REVOLUTION 5 Industrial revolution has certainly -3 transformed life but it has 00 a a pletnoro of challinger existential threats manity. Ino -3 . the industries und iscore 3 adopting sustainab ialne rate industrie -3 Friendly ironnental--5 -3



THE PARTY NOT C. E LATHERMORIVIAL S Cr (C) ENVIRONMENTAL CONSE QUIENCES OF Industrial Revolution G 0 E Industries 0 ted? Pre-ACTONG CONTING 100 Huge Land Deforestation 105 Requiremen -0 e 9 Burning of Release of carbon dioxide leading to climate change 2 tossil fuels 2 AUDIALITA Industrial ŝ SO, NOX Activities 2 2 Industrial land, air and 2 Waste water pollution 2 e 2 2

1 (1) thige land Requirement Industrics require huge portions , forrest h Forrests are known sinks. Therefore clina ads forestalion enge (2) Burnin PUIL OF Industr energy 100 n car Firth hewo -3 Industrial Activities 3) -3 divilies produce U -3 (SO itrogen oxid 5 inte hing -3 soil degradation Con Po, -Industrial (4) Waste 3 nd consists Toxic 1 no 81 resulting ch in nouu rollution ev nonn Di glob 28 a dia rate ange -> 2



5 -(D) Effects of climate change TIP -Climate Change WITE. Frequent and Fense Natura Disasters Rising sea levels ening iland tweet and coastal regions Disease Outbreaks Pood scarcity Deportation Eutrophication Infrastructure Damage Econonic Loss L Biodversily Low dear student this answer needs some stats of before and after the ind rev regarding land cover and average temp of earth AQI of before and after the ind rev and suitability of earth this is a very generic answer and seems like this is pak affairs answer use the language and data from the syllabus to substantiate your argument Scanned with

0 Y (E) CONCLUSION 3 there is no doubt that industrial renduction has paved the way towards 1 Socio-economic progress . But at the 3 has caused grave same time it which 1 challenges for humanity overlooked. The threats Cannot be 1 posed by industriglizations underscore 2 adopting sustainable importance of The 0 make industrics matices To friendly, as eninonmentally mey are crucia growth Levelopner 2 S Part 6 3 factors of Bal Hir-Quality (A) Underlying Index 5 3 Air Pollution Climate 3 change -3 Bad Air-Quality -Industries Index (toxic chemiscale) Population -3 explosion -3 Agriculture resticides -3 Heavy Infin pesticides -> -3 Scanned with

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(1) Climate Change 127-Unsustainable practices of humanity Th led to climate change causin has_ PCpletnora challinger iatins com (2) Air Pollution Rapid increase in ution has resu in major cities Palcista 100 (3) Industries oxic chemical untrealid waste an dus tries to, 5 Vali Agriculture (4) pikid ilizen pesticide is a quality (S) Population Explosion rapidly growing population banizations contrib 15 easing domestic Improp waste disposal practices Su mpmg prealer Palcistan chemicals resulting iniful into ha 10 pollution air

(6) Heavy Traffiz quality Transport neor Jes 10 hear pollution. into air (B) WAYOUT Renewable Energy (1)should shift Palcista toward nergy ren uch , wind bion hydronower instea fuels bosil Sustainable Industrial Practices (2) sustainable machices such as Direct Air Capture (DAC) Cent -Moneralisations should lopted be a 3 in Industries to reduce polution -(3) Sustainable Practices in Agriculture Sustainable pract vertice me miny and in adopted 3 optimal lan resources use Electric Vehicle (4) Electric ould promo reduce polle 17 clean environmen

a bland and below average answer

(s) Public Transport Public po transport should be improve. that people reduce the ichicles personal (6) Green Infrastructure ren Infrastructure should ensionmental - friendly Reforestation and Afforestation (7) Plantation campaign should mied out, Repores 10 orestation 5 pollution ar question no. 4 Part a RECENT POLICING RELATED TO LUMATE CHANGE (1) Planlation Drives As forrest are known as ca m sinks a great way ange, n lanne rives been throughout the count

(2) Promotion of Electric Vehicles great govern sed ipling to orta Th womou Smog (3) lowers mog 10 ea ahore -9 Improving Rublic Transport (4) YOUR vorlans 1 m ye 3 (5) Maste Disposal Management ta younn Lon no. posa su polluhn 5 country (6) Promotion of Renewable r ther their

these are very common regular discussed arguments tell something from the syllabus search the ministry of env website



(7) Agriculture sector efficient festilicers ave bee aking rcourage government adopt farme up_ susta incultural (B) Industrial Sector government taking sten courage In lices to adopt pollution asines. Part b (A) INTRODUCTION for a long time, humans continues activities on Earth without their considering their consequence AI 9 mosc addinkes ning resu -50 fuels, deprestation fossil ir banization ha now become herry now reading with realis fra. Ut has existential caus humanily in 6 1 change. clinate Umal a ca has threa scal df-N) luding food insecurity, 41) biodirasity and cont

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0 1 (B) Nature has becomes REVENGFUL V 3 How? 5 0 Climate Change Heatwaves and Coldwares More Intense and frequen Natural disasters 3 -3 Rising Sea 5 levels 3 3 Soil Degradation 5 -Biodircusity loss 5 5 nfrastructure damage 2 2 9 Economic Loss



(1) Climate Change MON SHANNES of two - change is one challinger ressing fuced - fist century twenty Heatwares and coldwares (2) marcased ng has Slobal yir Cempero eatstrokes . abo AC tensifying diange 0 ormalli clob Leadin 10 Frostbill, ypotu " espiralony (3) Natural Disasters CI Icd into has champe nesu freque sing proj ace recent cyclone is l Rising (4) Aming lead glacier tibing 0 ein MALDIVES VENICE AND ISLAND STATES

island and coastal countries. For example, 1 Bargladesh with average elevation an level expu melers above fooding Aurding 10 diplaced be by floods (5) Soil Degradation and food insecurity Rising natura temperation Wegnent dicra Sil INSCA into had 2022 , thods livestock alroyed Crops shortage in 500 3 Bio-diversity loss (6) wording to UNO, amou Ac illion 5 rok N -> change. nati -3 cosystem roys change bio-diversity 0 -Infrastructure damage (7) -> destroy for Riving temper -> 2 dec Intens Co tnsges 20 ver brid a nord



Loss 8) Economic some distriction caused the C my ange nega my the floods urd \$30 Pakista (C) CONCLUSION ainly Na beco preate 33 m 5 C Question no. 6 Part (A) Bio-diversity loss Bio-diversity refers The var Th en XATA peci 2



17 N (B) Causes of Bio-diversity loss -Population Explosion 1 1 Urbanization Deprestation Pollutim Eutrophication Soil degradation > -3 5 armin 20 5 5 Climate change -9 3 Bio-diversity 3 1000 -> 5 -2 3 9 9 -

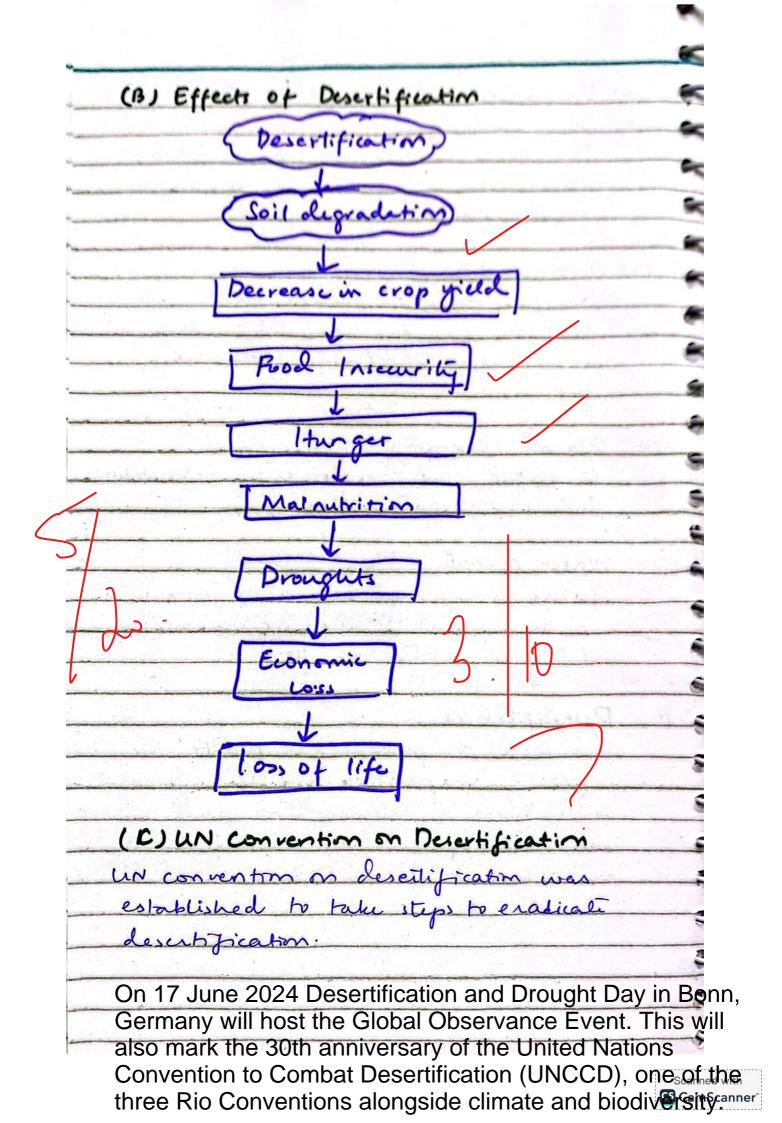


(C) Convention on Bio-Diversity 8 Convention on Bio-diversity was adopted -1992 owing Earth Summit ~ Objective 9 eco-system 1) Consc bio-diversity loss 2) Prevent 3, Miligate effects of clin change Powr b (A) Causes O Desertification Population explosion 5 Arbanization o restation tabel parmi Water Scarat Desertification (1) Population Explosion Vopulation of Africer, rapid caused gra desertification challenges including



13 T (L) Urbanization -Ino rapid in population has growth led urbaniz 60 1 structures in Lecrease urban cer ns 1 water table 2 (3) Deporestation able. To tore maintain u growing nopi him mas down Global warming (4) foresta carbon sinks A, wests an 3 global narm 3 Water scarcity (5) uning refus oba 3 global temper 3 rater scarculi 3 (6) Peserlification 3 temperatures expe nci enaporation wa mocess -> Soi temperal Increased walk scarcity 2 to icitm ud eserl Africa m --9 2





20 1 Objectives: 2 Eradicale depertifications 20 2) Food security 2 3) Plantation drives 2 uestin no. 7 Parta (A) NEP National Environ Protecton 120 a eel 35 NEP 3 (B) FEATURES OF features 3 Following NEP w 2) Plantation -3 water 20 tin -3 4 in 3 5 olling wir 6) Preventin 3 1 wasto 3 -> Part b -3 (A) UNFCLC nited Nations Francewo 9 change fu S mali NECCO . in th Earth minit 1991 adopted S 3



(B) UNFCCC paving way toward ENVIRONMENTAL PROTEC (1) First treaty to recognize Climate Change UNFECC was the recogni rially shal (2) Adoption by the world signed maprity 67 Complices Promoted further Climate treaties (3) UNFCCC laid foundation clonate tria examp hoo. (4) Shifted world tocus shift incressfully cc Hocus threa (S) Sustainable Practices ed gare 10 em prac there is clear issue of time management answers are vert generic and average and these very less related to syllabus not satisfactory there is no data no stats