

IAS TOPPER'S TEST COPY

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AIR 95 CSE 2023

GEOGRAPHY





81218

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.

(Specimen Answer Booklet - For Practice Purpose Only) @ Greater (more interns) heating of the continents near shores also abbects movement of water streams. Reinforcing Climate Change :-Sunf global waring ceuses warmes cussents from equator Positive more heat Freedback worm is absorbed weters LOOP by donat mett ocecaps Deav m Arelie and morchic melled inco means, albedo Effect on morine hipe 1 Meeting the how impacted salimity levels in poler hegions drawi cally @ migratory opecies are shifting to cooles regions to counterbalance increase in temperatores @ Pele-ward shipt of species and miche competition for habitat

Tell Areas

and habitat los @ change in underwater flore due to changes are expecially sensitive to Not disused waring has impacted proling But averall, gloude warring drastically impact marine life And-for a covered with 70%, water, that would be a severe tipping point Attempt with necessary explanation

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.

(Specimen Answer Booklet - For Practice Purpose Only) QQ. microbursts are sudden "busses" of where limited are take, reds us ber ais that are take place at high speed mechanism of microburste, sudden pressure gradeet in a localized region wind moranet reigh, 05 M Low premu @ quick marchet of wind to fell in low pressue system short duration, then back to (3) normal conditions since this is a carse of sudden discognitioning it is wouldly impredictable and can have inwanted consequences

नहीं सिखना चाहिए Candidates must not write on this margin Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis, (Specimen Answer Booklet - For Practice Purpose Only) Feagusdows Impact of microbusts: 1 reason to structures like I'm a weak buildings weak trees @ made stript constructions do Trees () 1 Trees / plants can be uprooled O reumans can be affected by Acumentary strength of wind O Accidents on roads | spread of or all small fires can expand area appeared. @ visibility reduction ducts dust. Assurance Against microBuss to . Create stronger, deep rooted extredities. @ Elexible foundations of various man-made thelies eg: bridges, levildings 3 Eabely precaution it construction.

The second secon

UPSC उम्मीदवारों व इस विशिष् वें नहीं निखना वाहिए Candidates must not write on this margin Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.

(Specimen Answer Booklet - For Practice Purpose Only) Enhanced data gov microbust occurrences and pl ritygahor mocrobinste

UPSC इस द्वाशिए में नहीं स्थिता Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis. (Specimen Answer Booklet - For Practice Purpose Only) Coral needs are an example of Symbiotic life in which algae and of corals one house fungi work together to propagate corals are found in the Great Bernie Wheel Lauskadweep is also home to dispals of much important These are francier, under various-elicents: coral Reef Bleading withe Process 1 It is the cooxantheller that give cosals their colour. 1. They reside on the calcin combonate body of the coral and derice nutrients whereas the corals derive photosyntetic products from the colour of Zooxandalae. Dany small stress (enviourelat change) can weate result in death of, zooxanthelaestesulting in the be explained acting of the corals which evertually grother teads to coral deaths.

UPSC Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.

(Specimen Answer Booklet - For Practice Purpose Only) , courses of coral Reel Bleaching Natural disables con the conting carbonic and 17 yelone This acid his harmful to the corals good or resulting in bleading. marriae pollition shill wind streng corals (the manning is or of one of the comperation of ocean oil chills. unable to handle wide temperation ranges) @ Effects of harmful tourism. Lax shadweep has begone a lound but and a common vacation spot @ Rise of hotel construction C Redamation of the sea to increase Age land area O implette waste management and uneducated tourism. ou these causes are creating dogged regions, suppocating coral

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.

(Specimen Answer Booklet - For Practice Purpose Only) @ reasonful uv Advation due to ozone layer depletion a presult of ods by apperopagenie activities. @ sea levels resing are condubiting to inward shipt of corals and blooding to lagoons Corals are an essential part environmental heritage and a of broducity. Their bleaching Constant de la company de la c o call for action

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.

(Specimen Answer Booldet - For Practice Purpose Only) The Indian Ocean is the mous of water that is encircled by Asia to the mouth, Abrica to the west, Australia santes It has been the source of not morpheric disaster but also floor treasures A 81 A WOLA INDIAN OCEAN ANTARCTICA Indian Ocean & Cyclomes 3 The Indian Ocean, alrangeride the prabian sea contribute to a large share of world's cyclone production with Arabian Sea creating 7 % of total.

UPSC नहीं लिखना चारिए must not write on this margin Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis. (Specimen Answer Booklet - For Practice Purpose Only) @ most of these cyclones are strong and long lasting 3 various local aureents and seasonal systems contribute to their formatic eg. Madden Julian Oscillation mascapene teigh y why? under Ocean Dipole. 1 tourante are also comon in this region due to fectomo shipts Variable (near convergent boundaries) setar are olewers, India Ocian es also important for mineral & Emingy Sone (1) runerals :-O polyphetallic nodules are fond in absurdance in depths of the ocean, eg: deep trenches @ may seafloon menerals produced by mantle of in region of durigent fleite boundering ez: maldives Redge.

2010年前計劃。 1010年的發展

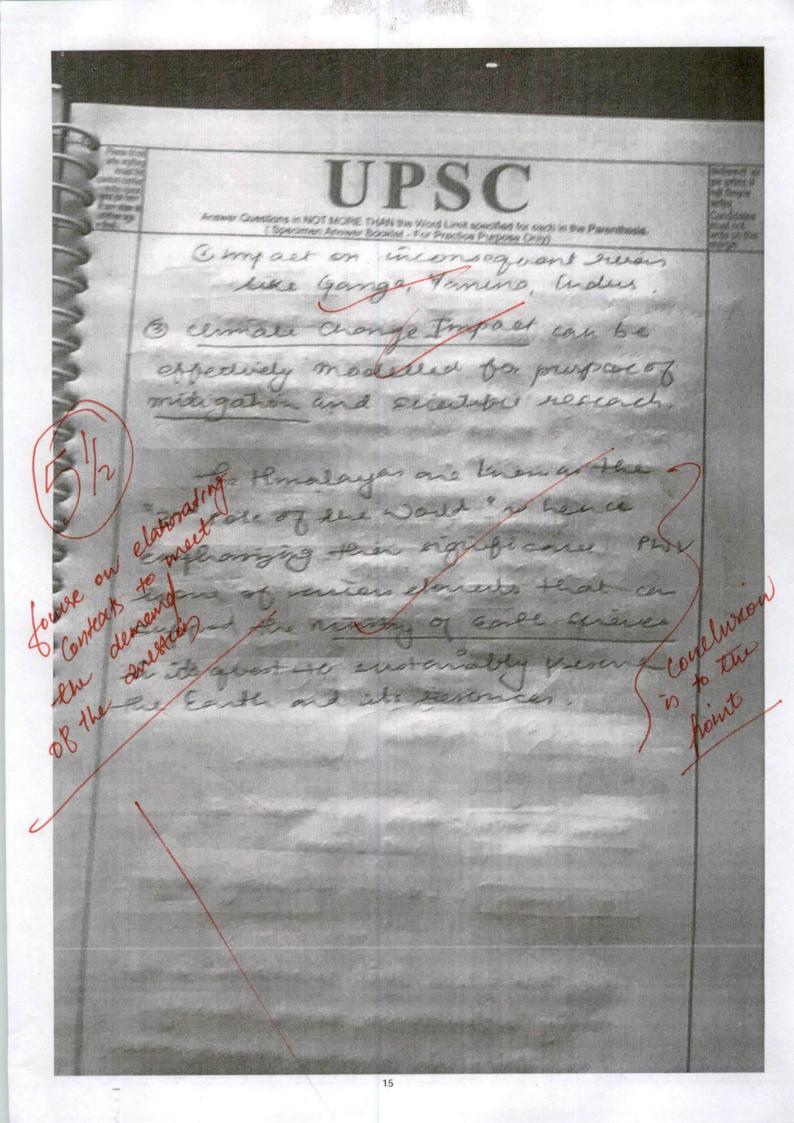
	Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis. (Specimen Answer Bookfat - For Practice Purpose Only)
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नहीं सिम्बन बाहित Candidates Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.

(Specimen Answer Booklet - For Practice Purpose Only) must not write on this margin 95 Porecipitable water vapour (pwv) repers to the worder Japone in the air that can be condered and fall as precipitation barred (rain of snow) in the Rimal organ Region protorcefron A sititude of the area the sea concerned Solal Pallow deliveres insolution; Abbeetm pressure and evaporation PWV W. temperature. trate exapotiongriration (Impact of rate of hevelog gumelity vegetalin human in the air settlements in the region Climate Impact on High Allitude remalayas 1 pwv appects the level of @ moustre in the aus 1 precipitation @ as a result, it impacts both flora and found in the region.

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.

(Specimen Answer Bookdet - For Practice Purpose Only) @ microtimate of the pregion is also determined stronge logal PWV levels @ Exosystem self sufficiency and impact of climate thange can be gauged from PWV levels in the region I wong term climated impact and knock on effects can be determed by PWV. These can be extrapolated to polar regions to experne model and predict impact of climate change on world's econystens meteorological 3 mparts & POUV @ par is an exercial component of deterring tursent, past and gutter climente of the hegron 3 Any andhopogeniof & connocitne interprenee can be appealed by por and can impact various elements in ecosystem eg: O precipitation levels O impact on glacial melting breezeng

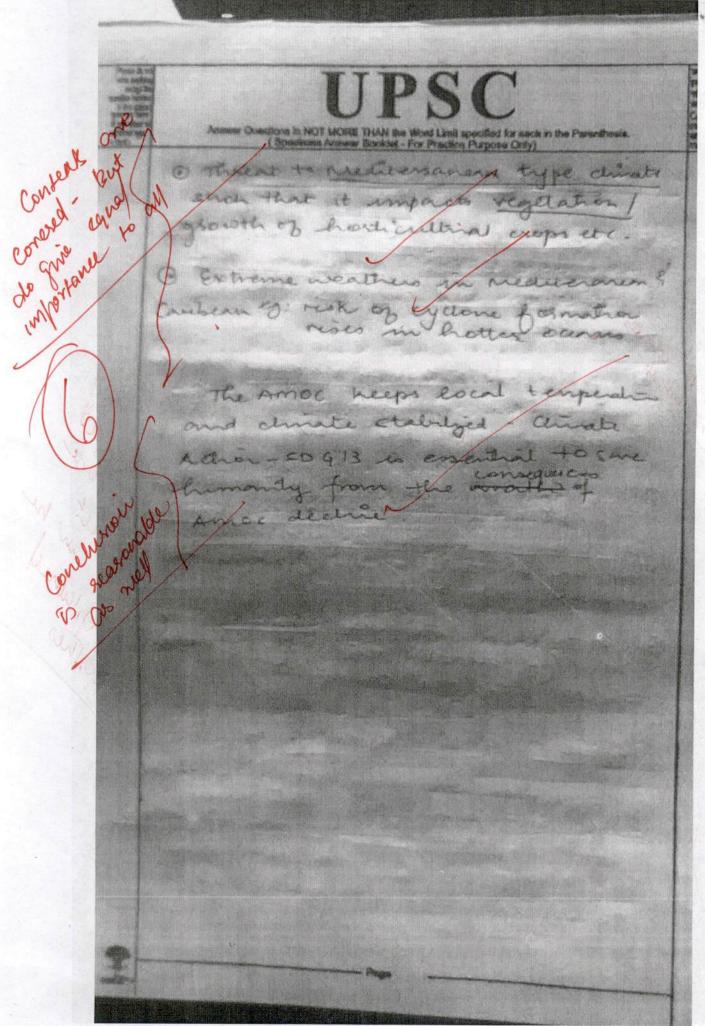


Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesia.

(Specimen Answer Booklet - For Practice Purpose Only) 06. The Atlantic muricuonal overturing curculation (Amor) repers to the curculation of ocean currents in the worth Atlantic ocean commissing of various warm and cold ocean cursents. habrados Curent Europe Amoc Stream S.A Equatorial warm currents 1: North Equatorial guy stram ? habrados + Canony Current cold Currenta over the years, this circulation is sleing a glowdown, some breakages, sesulting in drastro consequences

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.

(Specimen Answer Booklet - For Practice Purpose Only) Reasons for Decline of Amoc: 6) Geobou wayning - the warming of Ocean water is reducing the impact of cold currents like Jabrados, inhanced pressure grade int due to differential treating is coursing speeding up of the cycle @ changes in almospheric pressure temperature is creating changes in jet streams, existerlies, westerlies, thereby husting ocean cursents well. @ protubonces in polar regions are causing sudden dispelling of cold air towards the south. Threat of Deelne of Amoc ;-@ Effect on orngisatory species, stressed years and gours. This many read to brome shirt, miche competition due to habit at loss and extinction ob species might to quickly adapt.



इस छातिए में नहीं लिखना Candidates must not write on this Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.

(Specimen Answer Booklet - For Practice Purpose Only) 87 are the charremake species of forma that blag-bearers verall puppose of econystem procuation restonation I Gheetah Tiger, Elephant. how Grassland - Open Natural Ecosyllan @ Grasolando are one of the most ridespread loromes in the word known by different names: @ prairies for Softh America 1 Steppes in Korte Aneria O savamape in Africa. they gown the transition brown between deserts and proporcal rainforcets and hower hie between 25 to 30° NOTE & sorth of equator. 3) They are drawn druged by longe of tall granges (eleption grow) sens trees and renstance to forest fires

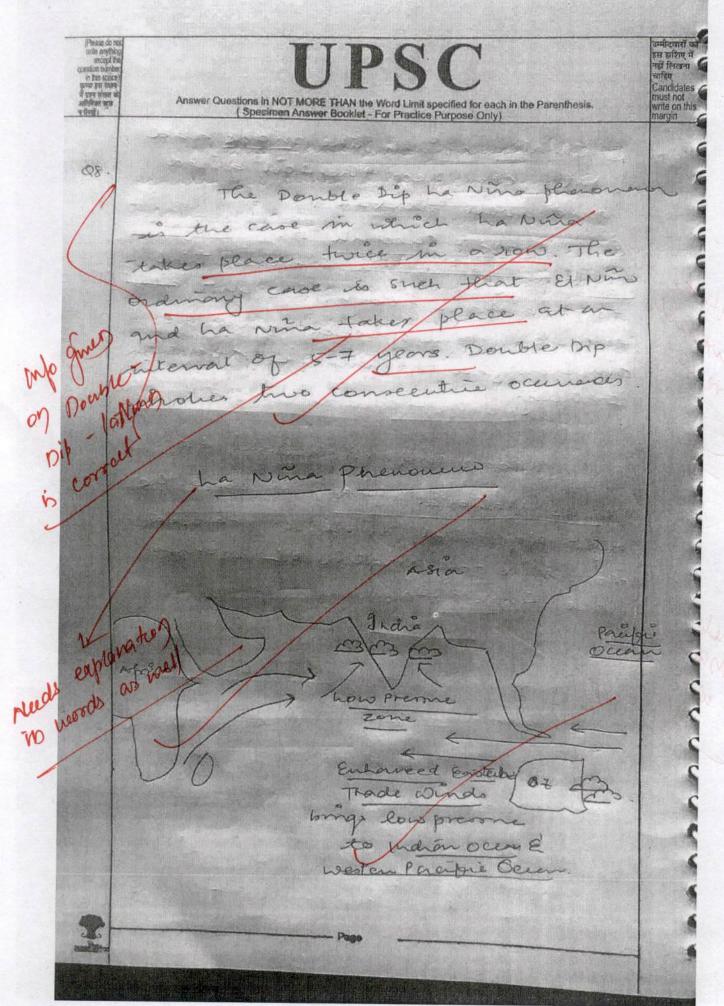
19

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.

(Specimen Answer Booklet - For Practice Purpose Only) Introduction of Flagship Species to some on the see and therefore keet O most or elle flagslip specie are hours mentary (1) Cheetaly also help enouse stability in primary productivity and reduc the burden of heelerores on grassland ecosystems (3) Exceptant act do matural thresher by roaming the grasslands 6) Leoneres Keyslera species should also be quen equal if not more attention 1) species of flora like acacia her are the few tree growth acting as shade providencia te

IPSC Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.

(Specimen Answer Booklet - For Practice Purpose Only) nust not unte on this arred and Project ortighat Ag athling-Recent shipt of cheetahin to Condwhow Maladentare top with anestrois 6vly - Page



Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.

(Specimen Answer Booklet - For Practice Purpose Only) Double Dip ha Nino and Elsbeet: Enhanced winds from the east (North & Condle Equational Thade effect 07 winds) push the warm precipie water to the west workoon or I haw pressure your near the hudraged of Connected subcentriet Arenothers. Tet Steam of the Somali in govern with Be specific would forwards (udia, which proces up morstere on the way. monsoon showers are amplified dose to agricultation of low presone zone o teence, good aris and floodie is experienced in India. @ Double prip ensures that the same enoneror takes place in the following years resulting in aborded agriculti yields and more flooding Thue, Double Dip Na La Niña is a boon for farmer in India and Australia

lease do no rile anything इस हाशि नहीं सिख चाहिए Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
(Specimen Answer Booklet - For Practice Purpose Only) heromina governent, pould Dry

24

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.

(Specimen Answer Booklet - For Practice Purpose Only) 09 in coastal (semation on bomb cyclone ON sudden heating of Te shounds resource formati In a very short dination circulation of air around the hundler eye (low preme zone) leads to the formation of the cyclone. Just no suddenly when the cyclone hits and, it precipitates force and quickly dimpates A bomb aydone is their a smalles impredictable version of a hurricane,

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.

(Specimen Answer Booklet - For Practice Purpose Only) premine Between Hussicano Bonilo Cyclone @ Requies varyous @ Requir condition for relatively formation eg: temperature compened + above 27 °C of sea neighbourg curpate surface. @ Little formation @ hong duration of Bormation for time, somalles whole it develops span of maluty com small to () smaller in size hatme legionie () Our ch dissipation prespects over when it hat the time on ton O hife cycle endian soon do it ran () Can strengthe gan if it finds once (hess destructive @ more destruction smaller areag due to stro offected. reflected.

डमीदवारी की इस स्थिए में नहीं लिखना चारिए Candidates must not write on this margin Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.

(Specimen Answer Booklet - For Practice Purpose Only) Thus bomb cyclon Do grove egnad both compositions. - Page

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Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.

(Specimen Answer Booklet - For Practice Purpose Only) app soul is an abiotic component of my Econy tem that serves as the medin for the growth of various broke who bother and by acting as the produce of nutrent and even the · W with sou vegetation symbiosis @ much of primary productivity and similarly soil health depends on vegetation. result both have interdependent roles in the natural system 19 con Nurtues Vegetation a) sail us the powerhouse of various fruttiel cycles like Nitrogen Cycle Important Phosphorous Cycle Caybon Cycle growth.

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.

(Specimen Answer Booklet - For Practice Purpose Only) b) soil harbour bornon borders Heat nousist plants 7: Nitrogen fixing bastina a noistne in coil helps in promiding water for photo synthetis context = processed in the plants 1) soil acts on the leverage for plants to grow into trees and germinate es soil act as recipler of mutients sail is co necessary that trees do not you where soil to personsetly frozen like in tunder region coits forma frost (2) sail is modified by vegetation a) The roots of plants break up rocks and weather the sail 6) Brological weatering & Root - induced Break down Land Rock weathered soil

UPSC Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.

(Specimen Answer Booklet - For Practice Purpose Only) () sabety from water and wind eronon - roots hold the seil to gether, cy: mangsove ceosystems. d) vegetation enouses balance between atmospherio teretis vs. soil levels of Carbon, Conteats abuy Nitroger, etc/ and support the Gaseous Cycles. in will Soil & vegeration, work together memos to mantain equilibrium a beorres throughout the world Initiatives like "LIFE" (hisestyle for Emignut) must consider this symbiosis to/ensure sura livelihood and development.