

An Institute for Civil Services

IAS TOPPER'S TEST COPY

RUPAL SRIVASTAVA



GEOGRAPHY OPTIONAL







34377

(1195)

Geography Test Series 2022

TEST - 06

(144)

GEOGRAPHY

Time Allowed: 3 Hrs.

Max. Marks: 250

Instructions to Candidate

- Please read each of the following instructions carefully before attempting questions.
- · There are EIGHT questions divided into TWO SECTIONS and printed in ENGLISH.
- The candidate has to attempt FIVE questions in all.
- Question Nos. 1 and 5 are compulsory and out of the remaining, THREE are to be attempted by choosing at least ONE question from each Section.
- · The number of marks carried by a question/part is indicated against it.
- Answers must be written in the medium authorized in the Admission Certificate which must be stated clearly on the cover of this Question-cum-Answer (QCA) Booklet in the space provided.
 No marks will be given for answers written in a medium other than the authorized one.
- · Word limit in questions, wherever specified, should be adhered to.
- Illustrate your answers with suitable sketches/maps and diagrams, wherever considered necessary. These shall be drawn in the space provided for answering the question itself.
- Attempts of questions shall be counted in sequential order. Unless struck off, the attempt of a
 question shall be counted even if attempted partly. Any page or portion of the page left blank
 in the Question-cum-Answer Booklet must be clearly struck off.

	Name RUPAL SRIVASTAVA
	Mobile No
1. Invigilator's Signature	Date
2. Invigilator's Signature	Signature Pupil

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tought of parts and the second of the second of the second second of the second of the

(72)11

* Try to add moredingrams of Ending

enouprosperfive regions.

* you have enpeained most of the

Oversion with data, facts, enamples &

Call Hudies keep it up.

All the Best

Section - A

1. (a) Locate these map entries on the map and write about 50 words:

(20 Marks)

- i) IJAI RIVER
- ii) Dudh Sagar
- iii) Keibul-Lamjao
- iv) Barmer
- v) ALAPHUZZA
- vi) Zoji la
- vii) Gopalpur
- viii) Krishnaraja sagar dam
- ix) Khajjiar
- x) Chambal River



Os Cuto acros hanipur- Assam Border

Li lies in seismic zone I
b Recently Huratened due to construction
of manipur Bairasi Sairan paid lints project one of the highest falls (1) Dudhsagar Fulls flowing across the rigid located in goa, of the Western ghats Dt is an unfortent basalter terrain. towist attraction I located near doldale have in manifour

formous for the floating 'phumdis' and the iii) Keibul Lanjas Sangai deer' (endangered-10cN) - ludenie -) Amportant fourist attraction and part of ando-Burma kotspet - Part of the hagusthali' of yigarat and has
slifting sand dunas called Horan' (iv) Barner

to pravine transgrassion Tertiary period due 6 Amportant centre of Rajasthan Desert Townson - located near the pralibat coast - Important centre of Each water tourism' in (V) Alapurtha the soil in this area are 'bog' called barri Aoils. (vi) toji la a ladakh & kashuni valley. La connects Ladalch and handli b Link between the Zaskar and great femindays bone of the highest notoable passes of Andia shas geost ratetic importaine - alto called 'gopalpur on sea'- a beach in (Vii) Coalbur - a gite for the man nesting of Oline vidley tustles (A site to) - Kes deltas of Brahmi and Bautroni Huers tustles (Arribada) Remarks

and the second second

(6) wiii) knishna laj sagar

- situated in Karhataka, between Augsore
and Bangalore, on hunt kaveri liver

- Important to neet the water needs of
Bangalore city.

-smill montain form, situated man rathousie (Shimla) in thinandal fradesh - Lies in the middle thinalayan your and sess zone I seisnistry

- Chambal River

- n right bond tributary of Yamuma,

oliginatory in the 'phon' plateau

- tripurotron of UP, MP and Rajnotham

- Flows through badland topography of ravines.

onfortant Dam. called - gardhicae an Dam'

built on it

GS SCORE 1. (b) Write a short note on Dry Land farming. According to FAO, Dayland farming refers to the farming in areas of marginal rainfall, (or without any external irritation under the natural conditions. ess then Loam). brightend farming com be used for growing hardy and rusisfant crops the millets, rikeeds etc. Plateaux De desent Plateaux De desent Plateaux De desent Indateurada interio De Rayalasen Areas in India * Modome regions - below the 100 cm isobyet - areas of high crop fathers and cyrarian distress Northeast kametaka here trundelk hand also Components Institution Farm Managened, (support) Crof choices erof insure harvestry strutue Whe fords, Fankas - millets, vilseed under fersal Bina to boody and droylt resistant frever forture @ Milyers Remarks amention some contribution of dryland faming, as most of Indias or seeds are met from tuble areas.

7

Benefite O Es sensitive agriculture based on the ecological condition of rangall, soll moisture (2) Income diverification and low input intervine for small and marginal farmer B) Reduce distressed out my vation du to the push factors and also cases of farmer (v) Overall regional development of these backward scivides Dryland farming com be citilized to it bed potential in the UN 2023- Year of quittet cultivation * write some prospect of developing thele region as Zone of Animal hu Usandary by Copplying fooder, which helps small & merginal farmers. Remarks

RO SCOKE 1. (c) Write a short note on Role of digital India mission in rural develope the lames of Dijital Judta Aussion in 295 anned at booting internet connectivity to 2.5 (alch gram Parchayado (Bharatuet), difital service detivery (via Csc - common service centres) and rural empowerment late in sural development good enample 1) Africulture modernisation buse of smart-models like clinate predicting abbs 'the Krishi Nigh', 'soil health card on input nomagement etc. 5 Digitization of crop insurance under fasal Blue. @ Employment - access to internet at the gram paragate and house holds can provide means for the self employment under National Amelihood Mission: 3) Virtual connectivity to the wrom near, hunce, poseibility of work from home often. - + geo tagging of Infrattruture created under MANKEGA. + land reword digitization SVAMITVA

· 据2004

Development of turnour capital - bey accento digital education usa EWAYAM MOOGS.

Birect benefit transfera without any fund lealeages. Es: DBT in Public Brokerbutur.
Sextern on pilot hode.

[challeys]

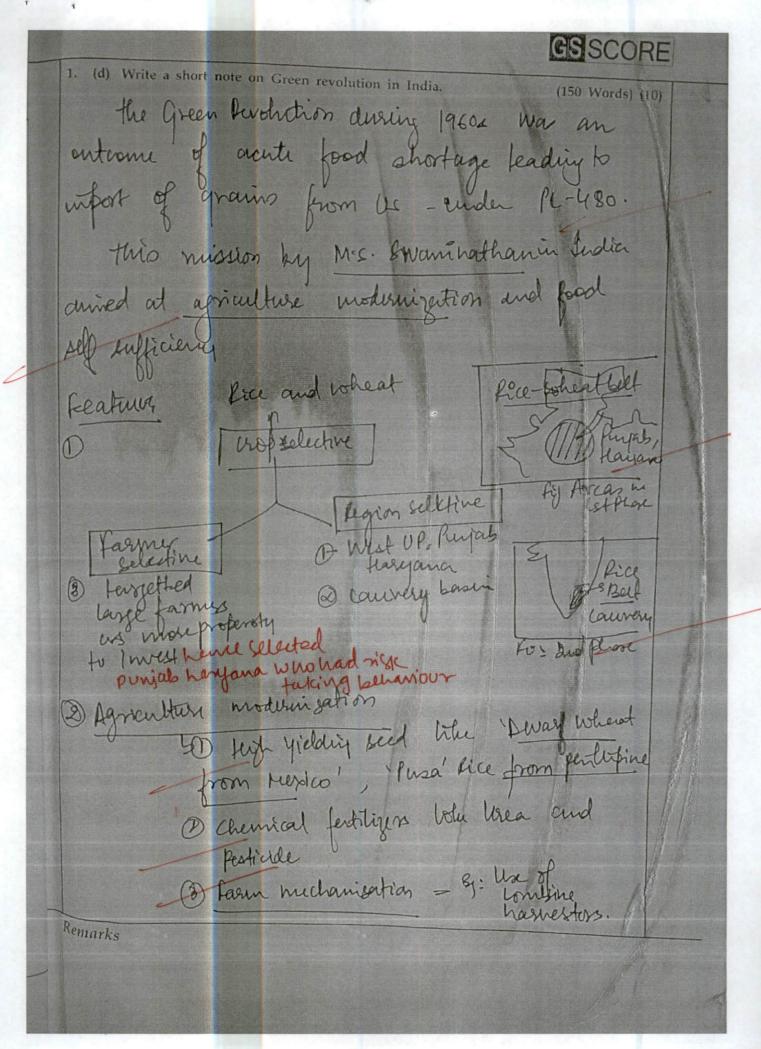
Defrastruction

Stital Divide only 25°/o
of villages till
Accordingly inflement
plans etc
only 14% of plans etc
rollo integrates only 14% of plans etc

cost. feigh cost of

Difful India Mission needs to stepped up on was footing along with capacity building to use to enternet.

4 mention some govt schemes like PM digital Saksharat Scheme, Brasat vet, project Loon of face book in penetration Of Digital medium in India.



Method Color

Imperet Positives. Negatives O Increased crop Production O Mondalbure 1950s 1960+76 2020 50mT 75-80mT 309mT practice - Rice wheat only D) Agriculture self sufficiery @ Dectine in ground and net agri surplus trater fashe 8: Pugas = 60% of (3) Large scale farm based districts employment (\$) of (8) Suction from effect Wolffore at present of Gurnar Myrdalbackwarding of other areas 9 Inequalities 2 86% of small farmer. this presents a need for gren Rentition 20 boned on sustantile of practices as also sugerted by Dalwai convitee + write do Judia need become green revolution or Evergreen revolution.

and the same

" 4 Also add demandlide ie Increased disposa ble-sneome inurban ereas. GSSC of Hoadd & Deine milk industry to largely holour intensity note of it can help absorb surflus lakous in form population of dieguissed unemfloyment. This can lunt & young the rural out migration due to dee's push pactor (73% of abb suf = at least 1 bourne) Population in India (1) husting the food security requirements by nivero mudnent management Ef: 195mn proble melnourished in India (Global hunger Report 2022) B Expand the expect potential and adjunct to legional blocks the REEP etc. Challenges O genetic nake up of Indian breeds is of lower quality (Eg. Leoni, ?). This leads to lower froductivity (2) high degree of informalisation in the sector sector - Agri Crusus 2014)

Remarks

Lowvalveaddition GS SCORE (3) Weak forward Mulages in torms of will processing centres and supply chain issues. of milk reefer vans. (4) Competchin from international high peroduction players like New Zealand, Audralia etc (3) Capital intensive, hence needs heavy investment initially. Here issue of agriculture credit acon 6) threat of tirestock diseases like FMD, Brucellows which have indeased due to disease disease. Steps falun by gonament D'Creation of an umbtella scheme for Dairy Development Aminal Authal lusbandry Lordrol Program Mational Infrastructure Livetoch Missim tactele FMD, High quality seruplosom. Post processing Bruttoris infrastructue DIDF (Deviry Infrastructuolivelepunt 2) alation of

12.5

3 chashu Aadhar for gentaging of cattle for regular vaccination de

1 Vito mile fostification by NDB and tata Trusts and inclusion in hid Dayheals to incutaring production

Now with production, dalkbling farmer income and regional development of dryland areas along with emicromital sustantiality.

+ you have written a good arriver with enamples, data keep it Up

+ try to add few more diagrams, show four potential areas for new dainy

or mick revolution.

GSSCORE

2. (b) Discuss the impact of climate change on agricultural productivity and farm revenue. Also, discuss its implications on agricultural performance in the long run. (200 Words) (15) According to IPCC Clinade Chargeland, there is a direct and reinforcing nature of impact between dimate change and agriculture productivity. Globally 68% of ana under agriculture is turns vulnerable (en) recent cale & Impact on agriculture productivity willing O encelado in Emperature lay 2.500 (- Zimatere wheat copin leading to crop for by wilting Punjaba and evaporation of soil noisture declax western in maize yied in last dicad (2) fligher variability in monsoon Tudia, ave Case. Adrion cycle, lading to intense floods to heatower and drought affecting crop productivity. Es: Dedine en average vice productivity in India by 13% in last roys (8) Throad of part attacks due to Climate change leading to large scele
dannage Ag: 2020 bourt
attach Town - we know the Crop (min of Agriculture area damage Remarks

GS SCORE knowing gestally 195mn people towards hunger. (3) Subrusque of waster cities brala 1 like hubai, kotkata etc. 35/ declus in Landino ! affect the fishery productivity Moderal. (1) Tharlasse in the emironnutal cost of food by . \$ 15th | Year by 400 (PAO Food Security Report) Nayforward Diversitation Shift of Climate Smart Practices towards non-crop, agro allied. - the enservation Agriculture, Dryland faring It is essential to charge agricultural fatterns to integet the effect. Natural farming in India can het Remarks

2. (c) Our nation's inland waterways and rivers are the hidden backbone of our transport network. In the context of the given statement, analyze the problems and prospect for inland waterways in India. (200 Words) (is

India has a 14500 km long inland waterway network, this is the hidden backbone of one transport networks.

Some of the major inland waterman an-

NW 1 - Athyagraj - Haldia

NW 2 - sadia - Shubori NW 3 - kollam - koltaperram

NW4 - Katinada - Puducherry

NWS - Talcher Shown

Kgs NationWaternay

Problem of Inland Waterways

Dengstographic factor

Deminsular rivers flow through roch granite, greassic rocks (Archaen and stranu ar) difficult for slipping O Issue of tamfall regime fluctuationerasonality

Delso vincides of flooding and vinerality in North Eo: Brahmeputra

GS SCORE 2) Diversion towards orginaltural activities by the canal and dance contruction between duckenow and Varanani (3) high sediment load, therefore issue of periodic deedging and limiting the corpo 872 en Brahiputra & ganga in wiver reaches Dead of inland post infrastructure

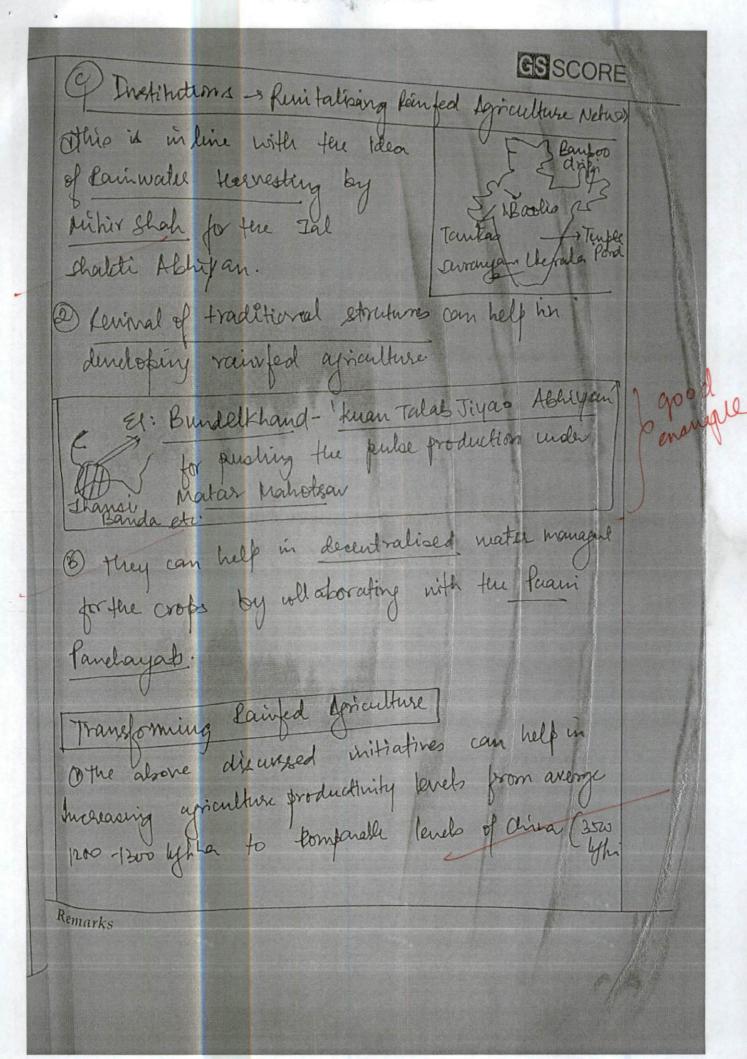
and dry dodes'. D'Airer curently, irland maternay has 41%. froght share, hye scope to expand. 2) Cost comparison for frad lend watern 1.57/m 1.0 Ala 0.57/m Sound Worldbark-Tiden Rept 6) Can complement the existing rail intrastructive by motive boot and jetties Remarks y Allo tuland waterways are cheaper & greener with low envision prospect. @ Development on incland posts and drydods as growth endres E: the Haldia terminal link to bollater,5 (2) Com be combined Asansol I Asalsof with sustantal inland aguaculture at posts Inland waterways can be utilised in the form of a national waterway grid. they are the deanst some of framport and can help met India's Panelannist tayets * montion some successful cases like netherland, germany & Great lakes region

The state of the s

3. (a) More than 2/3rd of Indian agriculture is dependent on erratic Indian monsoon. Discuss the importance of soil moisture map, water productivity mapping of Indian crops and role of institutions such as Revitalizing Rainfed Agriculture (RRA) Network in (250 Words) (20) Indian agriculture has low transportion converge of only 49%. This puts if at a sigh of greate monsoon. Hecent dinute change is expected to further increase the erradicity of monsoon with extremes of floods & drought thus it is essential to go for monsoon proofing of Indian agriculture especially in dryland areas with high variability of 40-50% monson Lay ares of Monsoon Variality Suportance of (A) Soil Hoisture map to Agno dimotic planning of crops based on saifable soil moisture requirement > Shift to leval belt whent: pasathwada -low Soil moleture & T - East UP + Prih -Rainfall 60an - high coil moleture - East UP + Prihou - Sugartane = Water > llocur rain Remarks

23

(a) Also custivation of miles as dryland crops in the low soil moisture regional under E: Bundelkhand - Kodo & kutki cultivation ky Hu local. Three of high soil materies Rig. Soil moisture mat (B) Water productivity make inp. -dindar to the Kenya - Kalimo Salma effort, mapping of water productivity instead of one productivity can help in planning crop and brigation needs. Crof (Agri) Productivity | Notes Productivity swift of Rruselt - frujerband -tigh water -instensive injection-led to Productivity ground wheter decline by 60 +00 ! due to presence of natural water relaxer -but high orof froductivity you an rain Remarks



Decording to IPCE Report on Ulinate change and Land, shifting to rainfed managest agriculture the need of hour as it can prevent the decline of agriculture productivity ben 12-14? Indian agriculture, thus is the watershed moment of improving its resilience and productivity by sustaintle water management of you have written good answer with most case Study, enamples of maps keepi't

GSSCORE 3. (b) Write about the different schemes launched under National Mission on Electric mobility. How these schemes are helping to make electric vehicles more affordable? Indiano has an ambitions target of (200 Wards) (15) 30% eVehicles by 2030. to achieve this National Krission on Electric Mobility The different schemes covered under feis 1) FAME (Paster Adoption of pushility in Electric vehicles b under Hain of fleany Engineering Phone II Phase I' - Increasing demand - deed incentive to the by el charging infraste I el nam jactures 2) National el Plan - to increm the lundofunt of electric vehicle by donnestic manifacturity unde the Production linked Incentive Schene for Advanced cherical cels. (b) Natron fugdrigen helssion - development of hydrogen powered evehicles and hybrid models borsed on bettery and fuels energy efficiency (NMEEE) vote in herping

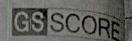
A TOTAL OF THE STATE OF THE STA

W'green Mobility mission for the publice -transport buses: februses in Provoundral
E1: Cauch of expuses in Provoundral B) relieberent of technolyses with Metroneo, typentrop: and 100% rand electrification under National Keinst Plan: these schrenes can make ellehicles mure affordable as follow-Deduction of GST on eV from 12% to 5% will reduce the costs from the demand 2) Availabily of Green (as loan's buyers can also help in wedn't amaitability for custly whiches Webiles @ governmends push for increased productions
by credit quarontee and Enfrastructure
will reduce cost of production Demestic el manjacturiy ont Exeduce dependence on Chines, USA thus giving India A Nomention role of PLI schemes in Senticonductors, electronic chips for

p-mobility schedule.

GS SCORE a cost advantage. evelieles in India are the emeging sector of theosterity. Try can help in transitioning towards preener and cleaner notify and siderel the Carbon emission under Indias Connittuent @ COP 26 glangon + Allo mention role of various state gout je Delhe diveripping Equating a fleet of attent 5,000 e buses by 2025, circilarly Banglore giving a tender to remit more e-vehicle in its fluet Remarks

STATE OF THE PARTY



3. (c) Explain successive development of cotton textile industry in India while describing factors affecting localization of cotton lextile industry? (200 Words) (15

the let cotton tentile induity was setul at Bombay. Totton teptile industry has from bleame an injertand pilar of Indias growth.

od fixing since cotton is no five raw meterial, here its location can be closen to the markets or to labour, as kn welar's theory

I Stage of cotton lestile

factors 10) Raw material availability

(2) migrand labours from UP, Bilarde.

Maharrant

3 lost city for export

(9) Energy neits - Durton informed.

(3) Pith capitalist clan - Parsis str.

kowever, with time, increase in congettions pollution and higher import defendence from penten. led to shift

GSSCORE Phase It -Slish to Ahmedabad Sural Sural Sural Sural Sural and to Countatore (manufester of south) - factors of len conjuted compared to kunbain Energy 7 Amudabad => oil refineryblaimbotare- per veli coal. Abso Cabour ingrouts from binterland however, with the advent of green Rentition and development of irrigition oyellow, cotton areas lagan to graso. Then bestronal shift happens Pupalers highiere. Phase III 1) shift to Puyal - terryana b D telificial humidifiers for tollin production & Cauny @ SHG movement for women led Phulkari industry Dapital Availabity from wich landholding Oshiff to langur - market antre - Pauli * USE words like distance decay words with of operational reasons for relocation

Remark

-also break of bulk centre for forti-

(8) Shift to Convery Delfa

b O cotter production due to green Rendet Osouthern cotton dumand due to

hund directe

thus cotton textile industry involved in various phases. Non it has led to opposed to growth centres towards DelhiNCR, Kolkata etc by via of Arvind hill contre, Welspun etr.

* Also mention how the Findulary has now been relocated to even small cities, due to Fermology upgradation & Salam, Dhamavarm, Kancheepuram (TN) from main centres.

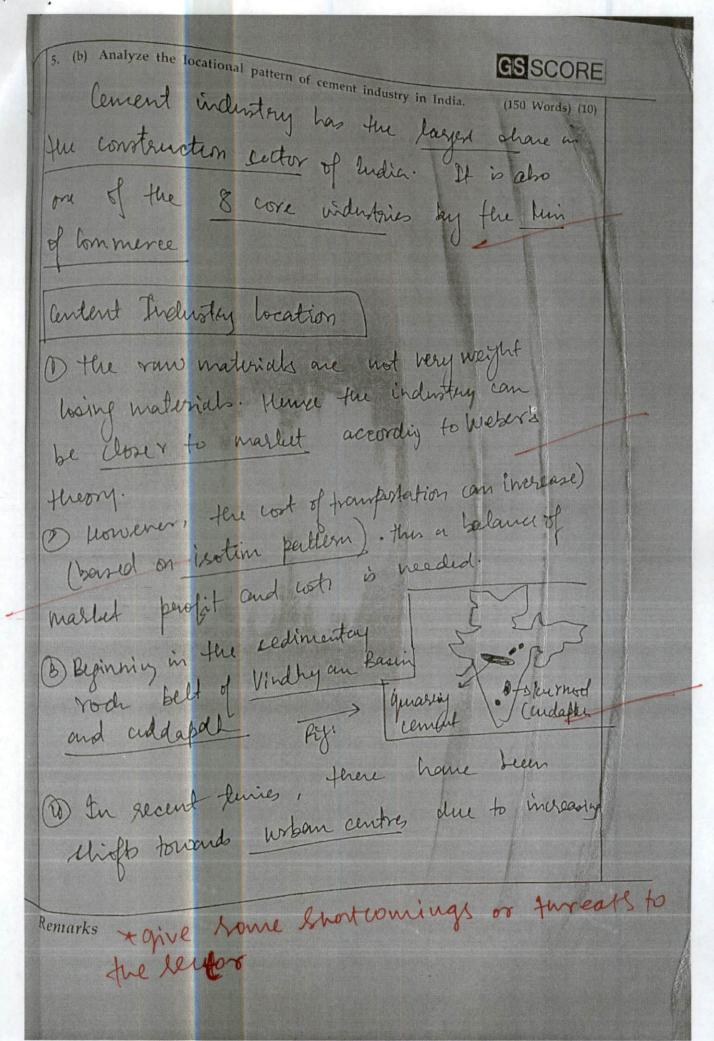
* Allo add vote of delocalisation, Tudo Hotal compler phenemenon in relocation to non litels.

GS SCORE 5. (a) Define agricultural efficiency and discuss the methods of its determination, as applied Section - B Agg Agencelture efficiency seless to ratio of agricultural output to input. It is often expressed in terms of 'gitld' huthous for determination there can be different methods title-Apriculture output = kg
Apriculture input hal(ane a)
farm.) (i) yilld = (B) nowever, inputs can be subjective - festilizer, (b) Apricultural efficiency can be measured based water Cropping ity crop productivity composition - value of Crop storch equivalent = Grontoun ferunt in ater Not soun In India, the most common method of measurement is crop yield in terms of lighter Benefits of this method-* Mrow the various regions & dallify thom into high, medium & low efficiency regions.

us Lahole Company Statement To

GS SCORE

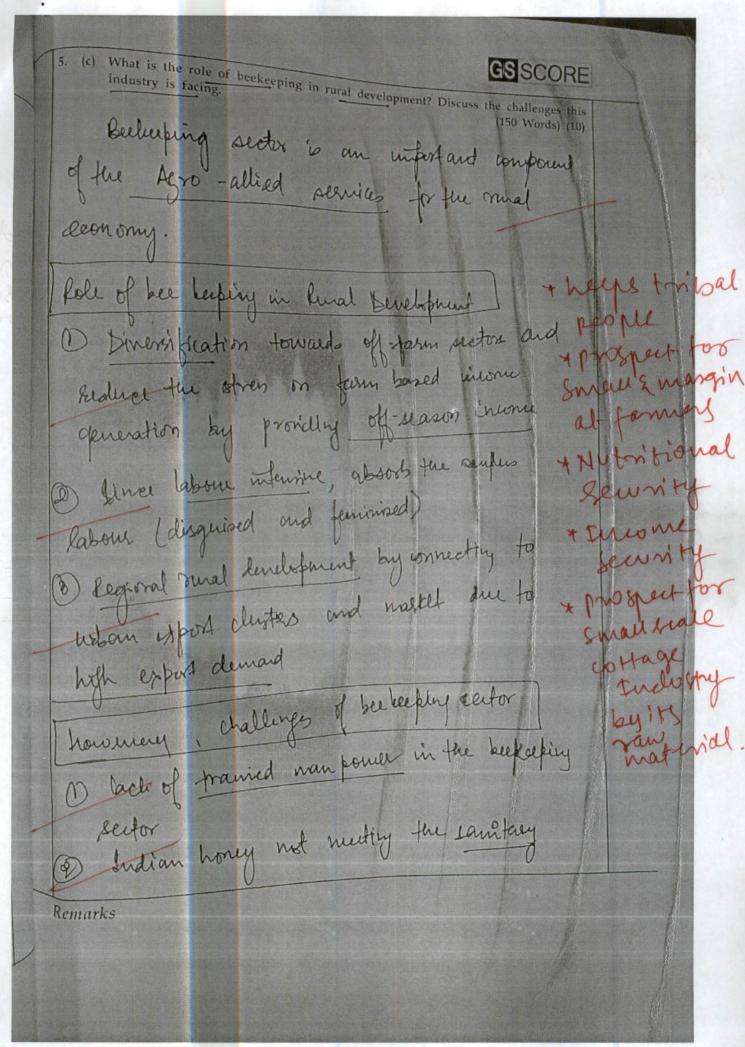
O sessessing the level of land use instansity Deliminate the subjectionity of inputs. however, to get a fetter picture of infert hoe efficiery, it is assential to switch of measures tide water productivity leg: Kalima Salmo schene of Kenya). trop/Ajriculture efficiency should take into e environmental cots hence he must go for productivity oftenisation and and just monimization Remarks



pe personal for all the same

GS SCORE Coment industry is a highly polluting industry especially with respect to PM 10. kurel propu envir on mital safeguards

Remarks



GS SCORE

good barrier for export
whomey case of infrurity (3) low investment in the sector due to lever If the climate change is leading to a decline seen in few bee population (According to 1044 Pepost) afterest It is essential to runne the Beekeeping mission under the Mational Bee Board for income dinessification and export led growth of Indian agriculture.

Remarks

5. (d) Write about Scope and significance of food processing industry in the challenges of this industry, GSSCORE food proassing sector currently sharen 10.6.1. in agriculture GVA. Being a sunvise sector, it has fremendous potential in India. 1) Living lemand - According to Angus deaton indease in demand of organic food in India by (PB times) by 2050 2) India food processing center's export oriented. fance respe of markets the West Arra-3) Currently, 10-12% food joes nowted and fill cours only 11% of agriculture. Hence supe to bruentation seduce wastage D With 12+ Agro clinatic zones, linere product options anastable yn conce Fasmer income diversification bas higher demand and better price realization 4 stope- urbanized boulty with demand for ready to eat foods [Instant foods) using disposable tucome a Nutriodal Elive requires food proculting Industry

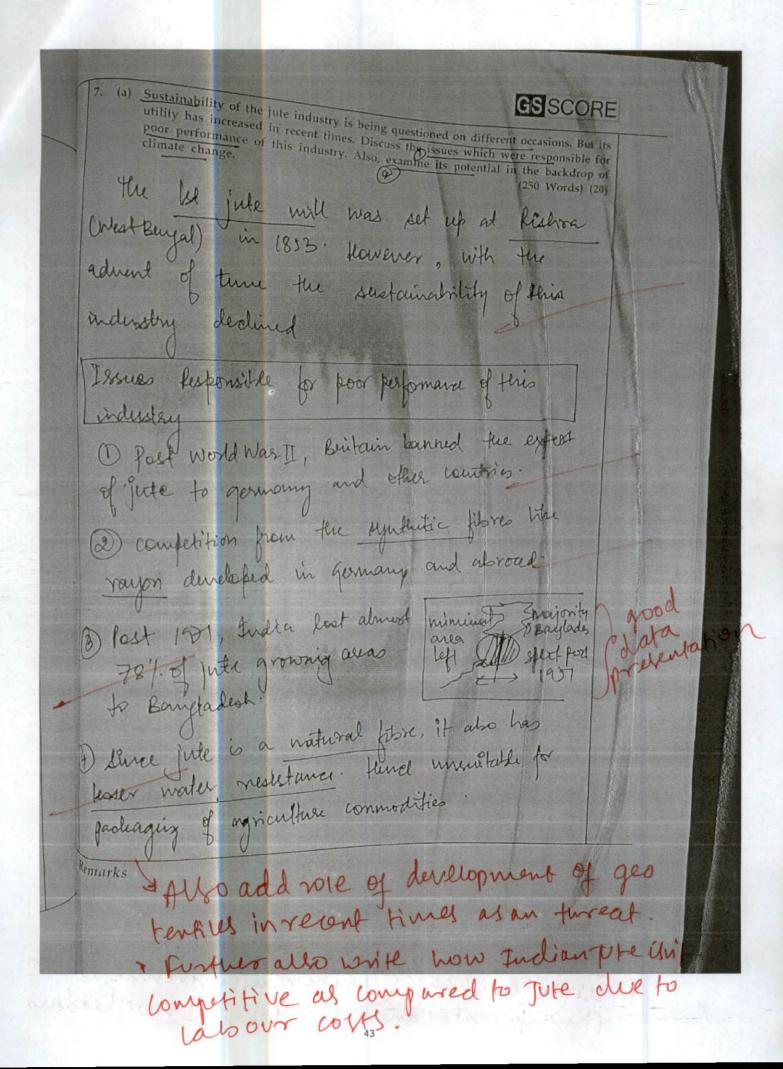
Dranky takou intensive, thus employment generation. Eg: Women in ka processing plants. in human Curron Ghaipm Chandarli Hard Pice dikhi (Azangach) Bexport led growth dender cluster model of Ducaistrick one product Fig : Can ofderte O teamy unitial investment tig can of needed and low wedlt facility by beauty Challenge as per Stantaluman Committee) Desce of santany, Phytosaidary barriers to export El: Europe rejetig Indian Torratoes, It is essential to allract private investing under SAMPARA and Mya Food Park scheme to pech up the growth of food fromsing sector treavent amendment of Essential commodities companiet for procelling.

40

5. (e) Write the Scope and challenges in fish processing industry in In GS SCORE India is the and largest fisher producer in fle world (Economic survey 2022). Hus with a 14mt of fish production fishing sector offers larger potential Supe O vast coastine of Isoohun for coastal fishery N II N Svitable and a long betwork of inland rivers for for small mond fishery D to Leason employment and Enrone diverifications marginal famons 16) fegional development of 4 Emport - maximum extent demand post led growth potential -JUPT POA 4 Food Can: Henra Sewrity Detecting the food security goal as import for protein, Ed Vitamin K. mutrition * Torone Lewning District investment needed to develop fishery centres of processing as it is perishake However hallys

the second of the second of the

GS SCORE Described dominated by inland fishery but derround plotally hagher for coastal fishery (Eg: Semand for Shrimp, franco, lobsten = 75% of export) (3) Climate change affecting fish breeding and wild allo -75% destean in Cardine, markeral anailability Carl: - Warning of Arabital sea >2°c Fishery Way forward credit durate proofis Processing. morastructure of wastal under bisan under Marrine under Cl 2 Food Parles uedit and model The Matsyay Sempada Youra Can play a role in fishery duelof ment.



AND A THE

55

good & Also Indian randways had bearned the use of visage jute bage due to their corrosine nature on the raist majorn raid wagon (6) Skewed Mest spegime towards Rice and wheat jute farmers. D'Cortlier tun plastic Change there is a much to shift towards the regional and organic fibres the jute instead of plastic. (IPCe lepost on sustaining trop system) the potential for Jule sector D' Tirte is a cerkon neutral crop fluxe it can help in carbon sequestration globally around 2. BMT of Cor (study by 'Nature' Journal) Dute fibre can reduce the circact of green house and embrison by the disposal of plastic bagger (eq: treineration of plastic And 5, PM/O and sox embersion)

remarks I single ve partic from June 1, 2022 + banefsingle ve partic from June 1, 2022 + Currate Change & water Intensivents wake it a forest can be written in Issue heading

Also add GOI requiation to puck 201 of sugar produced in mills with Tute GS SCORE (3) Déverification beyond segular crops as denate change is expected to reduce productivity lemb by 1244% leading to agricultural poverty (4) Can Le grown in wastal mangrone areas - reduce their Lewie cylone vulnerability vulnerability to cyclione and storms as blashield (3) Can be grown in was continuation system with siel sugardane-jute and also fue resident nvisture can be used to grow pulses, vilsueds etc But certain things need to be addressed -] O Tute Esself is a water intensive crop, hence should be grown in Profical-humid areas the Boyladesh, Organial, Couth East Aria, West Beyal in Determony concept in setting process Dérice sustainbatify of jute compared to face

GS SCORE It is high tune to senine the Golden Fibre' of India by fiscal incentions of mish, and link to MISME sector in just processing and substitute the single use plastic. Remarks

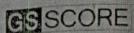
7. (b) What do you understand by Zero Budget Natural Farming? Discuss its various GSSCORE Zers budget natural forming refers to the practice of cultivation of crops with all the locally amantable inputs, without the use of any chemital components. Jist time in karnataka. Component Whaapra Beignitra - 101 air and molethere - past resistant seeds -slurry of cowdungsterine, montename jaggery - earthworm use Archdane Secramitya - time mulching -increase uninchial - conserve edill activity - conding nix true in notature & Lettere evorion These compounts held to achieve the joil of rigenerative agriculture of H is a low hot farming system and can be nephrated won crips. narks

SPRING CO.

Obedone the AFOLU (Africultur, Forestry and food for Land lise envissions from agricultur)—currelly mary 24il. of Green kurse unission 8.5 Reduct the cost of production, hence infrome.

The profit margin of farmers. (3) Capture the in oceaning demand for organio products in whom market (Sir Angus Deaton theory - organic demand X3 times by 2010) (y) can be practiced on a small scale by the smalt and marginal farmers however, it has certain challege. Dome of the faulty assumptions by Mr. Palekant good that plants use 98.5% mutation from air went and only 1.5%. from soil 2) No empirical evidences to prove the higher productivity under ZBNF

(3) Hower returns instally. Take GSSCORE adriene the break even point! time to 1) Not completely zero budget - as Eguires the cost of labour, seet ot Hero but Budget Zero budget farning can be inflemented on a pilot basis until mere research is done on its challenge. It can then transform the face of Didian Africulture. * Recent enjerierne in Sixkim, while faced low productivity due to organic Wellivation & Svi Lanka which fauld food crisis due to low rice productivity has calted doubts a fear over ZBNF. temarks



Despite being an efficient and cheap means of transport, railway has consistently lost its share of freight to road transport. Fnumerate the reasons for the same. How far can the high speed freight corridor help in addressing this issue? (200 Words) (15) Although an efficient and cheap means of transport, the share of rankways in freight hemains at 25% compared to Stobal cinerage of 70%. There is still a dominance of road network in tudia. the Keasons 1 Lobographical constraints (construction of railway lines require flat forography with consolidated soits. Eg: Not possible in the feetley onean of North East. Dest mite connectivity. Connot be advised compand to roadnays (b) Now calacity development since 1947 X5 hims therea in treight X12 fing most than 60% running out > 100% capacity Remarks

GS SCORE @ Fresterive sperating ratio (98.5) compared to the roadways. 1 Loss of renume to the vailways as then mins for a 'social perpose' than lcononic purpose! 6) tereight dependence on mounty one community Coal (>70%- of freight show) thus the lauch of high speed freight corridors lan be seen as a paracial panacia in the following ways 1 Decorgestion of the randways pula by stronating passenger and Dedicated Fright worlds freight lines (2) can lead to development of varicoaches with speed winit 7/20 lampsh) for fastin fight detirony (3) Eine varlange are dreaken than roadway (\$1.5/1cm to 1.02 (an), they can be und for los distance bulle trampost. Remarks

Development of industrial commutations along the freight corridor will increase their demand their Ahmedabed temporal E: Delhi Ahmedabed temporal

however, there is an inherent limitation of last note connectivity with rantwards. Hence they need to be complement for 100%.

With localized road network for 100%.

freight delivery.

4 Also add how dedicated freight

corridor would usher in Sector

(helpin reduction of togistic

helpin reduction of togistic

helpin reduction of togistic

told. Also add how multimodal

told. Also add how multimodal

transportation can act as supplementary

for vail connection

Remarks