

TEST - 05

GEOGRAPHY

Time Allowed: 3 hr.

Max. Marks: 250

Instructions to Candidate

- There are EIGHT question divided in Two Sections.
- · Candidate has to attempt FIVE questions in all
- Question No. 1 and 5 are compulsory and out of the remaining, three are to be attempted 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 medium other than the authorized one.
- Word limit in questions, wherever specified, should be adhered to.
- Attempts of questions shall be counted in chronological order. Unless struck off, 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.

1. Invigilator's Signature

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Robit Locality

REMARKS

GS SCORE

SECTION-A

Attempt all questions:

1. Answer the following questions in about 150 words each:

 $(10 \times 5 = 50)$

Influence of demographic factors on population distribution.

(b) Scope and challenges in fish processing industry in India.

(c) What is National Agriculture Market (NAM)? What precautions need to be taken for successful implementation of NAM?

(d) Scope and significance of food processing industry in India. Also discuss the challenges of this industry.

(e) Discuss the urban sprawls in India.

1 Demographic factors referr to age Hours

son of the population. It has fallowing

influence.

According to Demographic Transition Theory of

Thomson, countries in different stages have

different distribution of population. However

myset population distribution is the function

Remarks

GS SCORE

of buth rate death rate and most importantly migration Stoges 1 Stoge 3 & wars consupt pan Hve - lon - & population - population clustered dispersed. - living in Trubes - people dependent - Bring in agriculture on secondary such areas / forest and lutury fy: Distribution of page"

India has wastline of 7000 km. Hayour

unland water drawings of 15000 km. Trumendows

potential for deep sea fishing, unland sweat

water fishing

Sove?

So

Remarks

Condition of processed fish product

conditions of processed fish product

conditions dispute with neighbouring country like

experiment conditions with neighbouring country like

conditions condends Mainting Brighdest etc.

Let out - Lack of private sector uncertainent in

commercial Publing and processing

con experiment - Prematin (conce coursing) well to store

fish -> Processing and processing

National Agriculture Market is the

platform for integration all local level

market

worket

Prevaultons

- Agriculture is state subject. States need

to be convinced for soloption.

- proper infrastruture like weight scale money

storage formery grading failing at market was the order.

- proper IT services to make markets order.

- breaking the manapoly and extelligation with and

op tenders and providing single national without tevering dicense.

- environg to encouraging private sector.

Investment in appending APMC.

Remarks

December of farmer of farmers of

farmers become part of beth investment and income cycle dufe of poor farmer symphemetry changes.

Challenges:

- Lend arquestion in setting up Mega food parts under SAMRADA scheme factory

- & Sanitary and phylo sanitary measures Switchines creating non larieff burners.

There is not anne of future and commonly to form more for food and sold set about the link with farmers.

(Included sprawby is the outgrowth of a whom place due to expansion of the surface of the sur

Remarks

GS SCORE commercial and bushiness activety of main city. Unlike convebation of Patrick Gedder. weben sprend doesnot four its independent Add more central Basiness District. It still depender examples on main cuty for trong its evanante activity Dharain sturis (wolan sprawls of J CBD Fig: Island of Mumbri shandy Stepheled is very less Saulfatran, hygieno historn sprawl is poor people engaged in minud work Breeds commely

2. Answer the following questions:

(a) What do you understand by Zero Budget Natural Farming? Discuss the various components, benefits and challenges of ZNBF. (250 Words) (20)

(b) Discuss the salient features of FAME-2 scheme. How will it help to improve charging infrastructure? What steps under this scheme are being taken to make electric vehicles more affordable? (200 Words) (15)

(c) Discuss the need of introducing solar manufacturing policy in India.

(200 Words) (15)

1 The concept of Lero Budget

Natural farming by Subhash Palakar. This

corrept was developed in light of unreasing chamical feetilises and pestude use, and its

associated damage to soil and environment

problem of soil audification

over use of when has
distroyed NPX

entre of 4:2:

prus use of
geoundwatte

Remarks

GS SCORE

emponents of & BNF

components of & BNF

First wheel

Bijamenter

(Seed treetment)

Tinamente.

(No fartilizer,
Negerfunde) Thurd wel

Neperture 3 Thred wheel Muleling

Powth wheel (soil, struck live)

(soil moneture) 4

Brigament of seed with cow wine.

Itramreta: treatment of soil with cowdings cover and earthworm vermisompost

Mulching: covering age (and with premous cuop (steam covered).

GS SCORE Whaapasa: soil prosture for is further prevo preserved by covering soil with Straw of previous crops Maharashtin Andhra gradish + Telangana fig: Arens deputing ** BNP - Livestoock + Agriculture become complementary to each other - Farmer doesnot get trappel into vicious tost yelle by wait expensive input cost.

Remarks

GS SCORE - Natural festility of soil is restoned and productivety per unit trop land increased. f It complements Indian facining so scenario Months also complements agro climate regions of country control about - Technical ord about - Technical expertise is required to conduct

ord certification of appropriately

ord in -temporaration dissemination to small

ord interpretable marginal fairnes is default

under the current siendrice

of themate consult consult siendrice of chinate smart agenrelliere ZBNF offers the best solution. And born predech! s goal to adept 100% &BNF by 2025 should maturate altres

by NITI A7010 will go beyond the FAME I

and extend benefit to exesting vehicles Tony

Satient features:

Four wheeled vehicles to cover potentialable Suffered by 2030.

- Electric boxes compase a large part

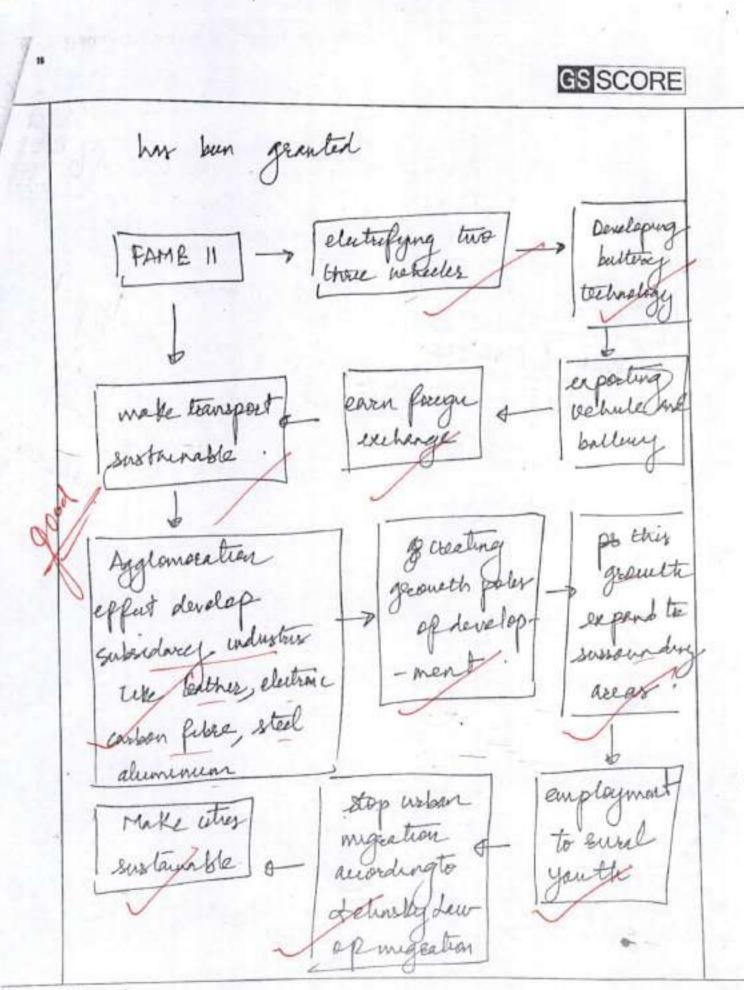
of PAME 2 scheme.

To enhance electric mobility and

- in weare number of electric wobulty and

- in weare number of electric sche vehicle

- and lary of Br. 10000 was by 2022



Melp improve changing infrastructure:

- Active investment by public and penate X sector.
- slow changing unit for one dectric bust and fast changing for 10"
 - Suter hukego of charging infrastendurce)
 with renavable energy source

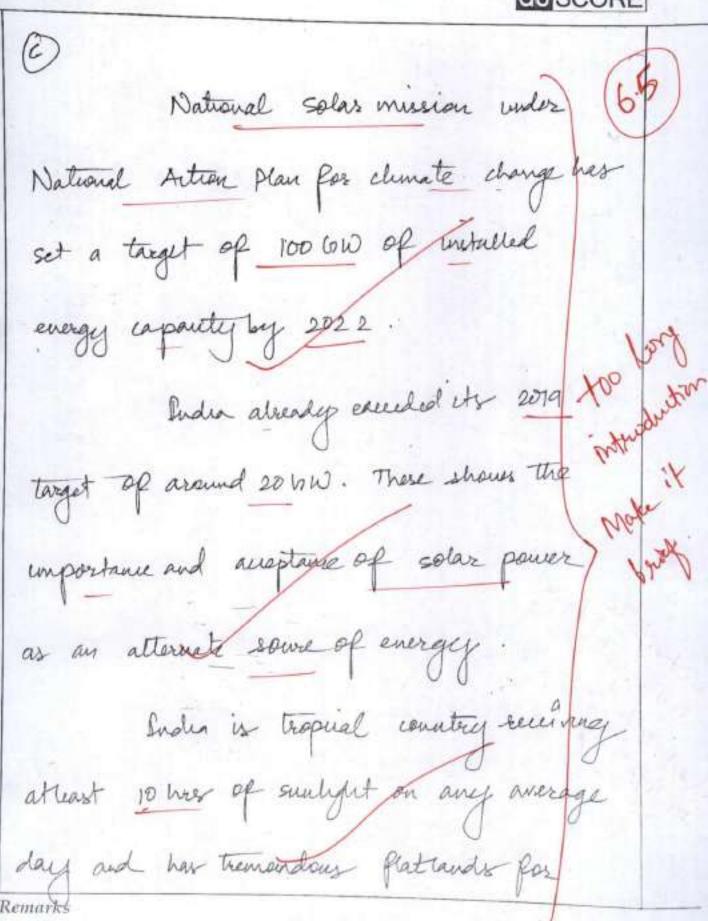
- changing mindset of people regarding electric vehicle (both reteability and cost
- L'i-ron battery har to be imported spenally when the bearing tende definit.

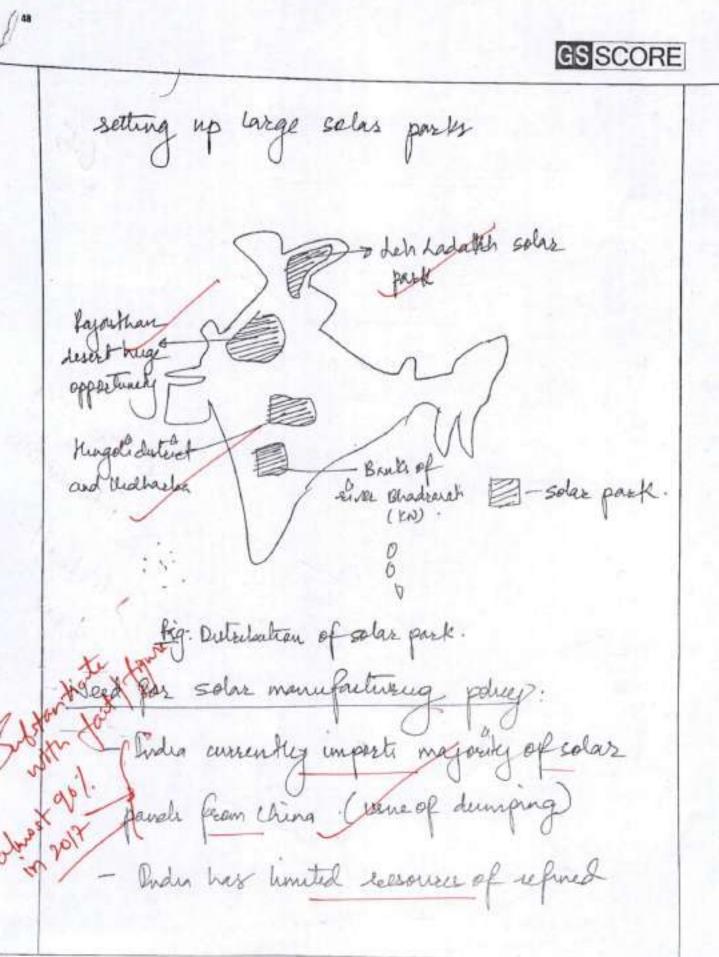
 New unnovative models of or self. New unovative models of for for for wall

Remarks

GS SCORE

Despute all these challenger the world is moving towns more green moder of temport Order should understand its challenger and Learn from developed scandanavian country We Norway. PAMEN is step in right direction





- with ever riving demographic dindent, apportunity to employ both skilled and inskiller specifications.

- solo jobs provided by solar manufacturing industrial are future proof and sustainable form.

- Enternational Solar Alliance (ISA) provides properly in lunge apportunity to India to capture solar market around the work by developing and ecloust manufacturing infrastructure and for his skilled workfore.

Therefore to capitalise on this developed the separation of the capture of the skilled workfore.

Therefore to capitalise on this developed the separation of the capture of the skilled workfore.

Therefore to capitalise on this developed the capture of the skilled workfore.

Therefore to capitalise on this developed the capture of the skilled workfore.

GS SCORE

- Answer the following questions:
 - (a) Urban morphology of cities in India shows dual structure. It is either blending of indigenous features and Western-style structure or hybridized European features.

 (250 Words) (20)
 - (b) India's 60% of farmers depend upon rainfed agriculture which is largely impacted by global phenomenon such as El-Nino effect." Critically evaluate overdependence of Indian farmers on monsoon. Examine the policy bias against rainfed agriculture with reference to rainfed agriculture atlas released by Revitalizing Rainfed Agriculture (RRA) Network. (200 Words) (15)
 - (c) Strategy for the rehabilitation of the slum dwellers in India is based on providing good quality, affordable housing for the poor on the marginal areas of city region. Share your views on viability and effectiveness of this approach. (Self)

 (200 Words) (15)

- Melieval why and cours: - Estamic influence, fortis mosque, bagaas became CBD (control Business historics) - Marphology of Brilish (Modern) whis - Civil lines, Rulwaystetions, ports became in bush eg: Mumbai kolkate Delhi et Post Endependent crities. - eithe industrial or administrative unters became LBD eg: Chendigneh, Romekele, Bokaro et & I singh attempted the morphology or these line. This is the indigenous peatures or western yell desufuation

GS SCORE Anuent: patliguttre » Agricultural Pailway Station

Remarks

Kig: Sector model

Chardigarh

GS SCORE

Therefore as evident from above illustration it is clear that Indian extra show dual strending of indigenous features and western stop as hybridised burgers.

Peatures and western stop as hybridised burgers.

Distribution of fainfed Agricultural land of the peature area.

In Task well wrighted area.

In Farture and fate of fainfed agricultural land [aver 60%.).

The farture and fate of fainfed agriculture depend on global factors like El New (drought years and da la Niva (faroling year).

Description of seinfed against or stageton of vergetion of infrastruture is Stagnant.

Remarks

CSSCORE

When the water shed management programs, Accelerately

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for point of shown any sugnificant results less inspect

for point of a more trop prix drap " is limited

years " p " more trop prix drap " is limited

years " shows be accelerated

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the country.

Above interventions along

which projects like fiver linkage programme

with a showled by apparated.

brated nearby a major weben sprawls

brated nearby a major weben city. It 6

provides homes (Showly depleted) to daily

wage workers employed by city.

Dollinghum: Juggi Topdi

Pallinghum: Juggi Topdi

Shum:

Fig: Shums (Major) in India

Thetagy of londulation by providing affective

heaving his not work because:

- & Ben Shums hereatly are very very

to the waterl Business district.

Remarks

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density of people per with area wiesse

the density of people per with area wiesse

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(BD - land early very

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of Mumbon

of Mumbon

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of what we of litigation have hobbilitation is

Stealergy to solve slum usine 7 & wint found - daw to theek imagration of people in south in the eight and dondoner.

ities eg: As done in New York and dondoner.

- More gueration of jobs in sured mean twinter check ingreation.

- shame lebalatation scheme to dependent on ground realition of particular areas

- B Urgent need for po National population

control policy

where wer strategy for

rehabilitation fails above stops can be adopted

Remarks

GS SCORE

SECTION-B

Attempt all questions:

5. Comment on the following into 150 words:

 $(10 \times 5 = 50)$

(a) Inequality in health indicators on the rise in India. Discuss.

to securedy slum problem

(b) Discuss the interrelationship between poverty and migration in India.

(c) What is the role of beekeeping in rural development? Discuss the challenges this industry is facing.

(d) What are the key features of civil aviation policy of India?

(e) Write a short note on sustainable development of cities.

Strike the India post 1991 liberalisation era.

The outher with the oxform Global equality

report, Top 10% population own 60% of

Nation wealth of country

Daily affected (Low Encoura)
when years DALY

poor eating habits

be cure

Mostly condition of

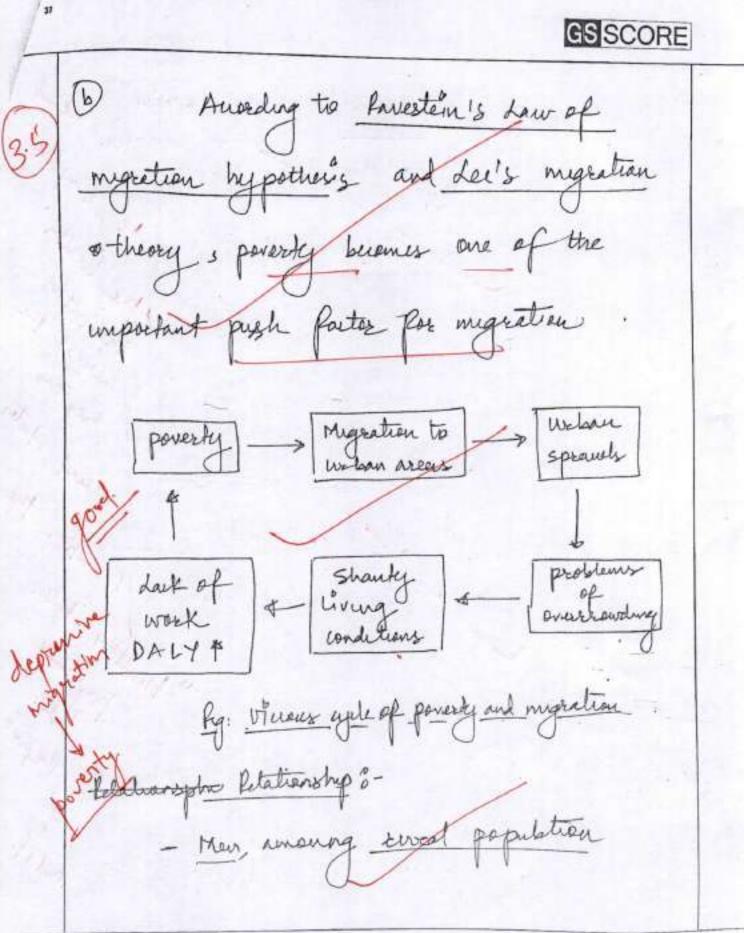
According to NFHS 4, 38.47% off for what children belone 5 are malnowished. Majority of the belong to low and marginelly post vicione with the one of the highest number of obese people and is the world, after USA. Purpose is dislocitied to capital of findia, Kerala bet being concernation capital.

Kealthy of the world is several bet being concernation and the to runboard DALP

Isyem

Fig. Age pyramid.

Powershment among children.



GS SCORE

myrate to retree. Leaving rural ? household with lak of bread winner want on 1 more is the poverty, farther the distance down is of megration. 3 fivel poor of North India are migrating of to western and south Endia [Fro survey] quird older Source region agriculture You can also god. offert

Remarks

GS SCORE 6 Beckeeping also known as apulture is an important some of income in us rural areas of the country, spenally the North East Figion. - provides additional source of unione sources to farmers in case of honey or her was. To in case of hunery or hereword bird bees acts as poller corners therefore wood supplement the hostaullure produce.

Ond order - Demand for honews in - Demand for honey is rising in global surfainable economy, people are becoming more Sulan wheath writing way away from refined

- provides employment to rural youth stops their when myration Challengs: - Traditional method of busting has caused decline in productive of honey with per have. Bee was found in honey due to improper refining. - Deff Deforestration is tribal areas have det affect havey producing capitaly. - pestudos used by farmers in rgsi land has caused rapid kelling of beer. - Emproper garernment support his wented

Remarks

additional challenger

population (45%) and do large physicagraphic Not extent of country, civil avalous has become The evering middle class of India profess terrelling by air to save time and posst productive cial Aveition policy: To boost industry \$ 300 bullion by greented and 2025.2022. early construction and senson removating over

GS SCORE - Dutroduction of helicopters in difficulty points
and hely terrain or North east specificale
and western Hundriger

- Subsiding regional un connected auxports of the eg: UDAN (ude desh ka Axm Nigerik St) treated creating No fiels are post in agrain NER of Shellong, Gunhat to boost sources connectivity and towns. Therefore that winter policy holds tremonday potential to teralop the acclure industry in India 35) De sustainable development of cities Index has 30% of population Con Spopulation is expected to reach 300 million by Joseph 12030 and over 600 mellion by 2050. Expanding the capacity of These in lives with sustainable development. was the agenda of UN Nebetet 3 Summit is Europe -Sprant onto control the water sprawl.

Remarks now the sprawl.

to Perroux outside the cities can deport outside the cities can deport outside the cities can deform the sustainable of expansion or showing eg. Navi Mumbar Are post outside Mombar the control Business district by which the commercial with eg. Naggur in Mahmahtar commercial with eg. Naggur in Mahmahtar second apital as apposed to Prince.

- Ulitizing the potential of converbation of fativity yielder for instantible expansion of fativity. Yielder for instantible expansion for instantible of converbation.

Remarks

. Answer the following questions:

(a) Discuss the zonal trends and patterns of the internal and external migration in (250 Words) (20)

What are the major industrial regions in India? Discuss some of the factors in localization of such regions. (200 Words) (15)

(c) "Policies for the seed industry lack visionary approach and it mostly rest on fragmented approach."

"Policies for the seed industry lack visionary approach and it mostly rest on fragmented approach". In the light of the above statement discuss the issues involved in the development of seed industry in India. Also suggest measures.

(200 Words) (15)

GSSCORE

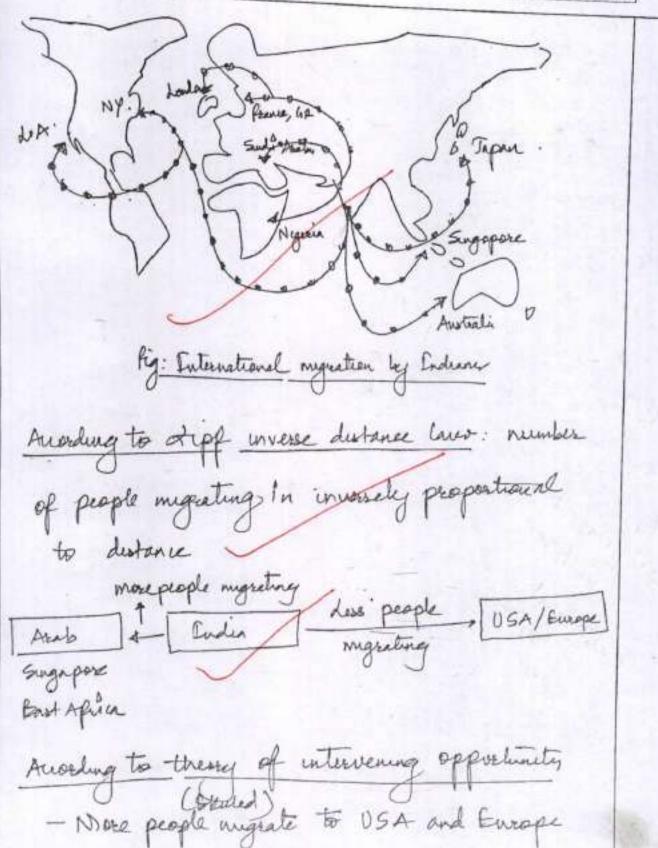
(domestic) and external ungration (internalisms)

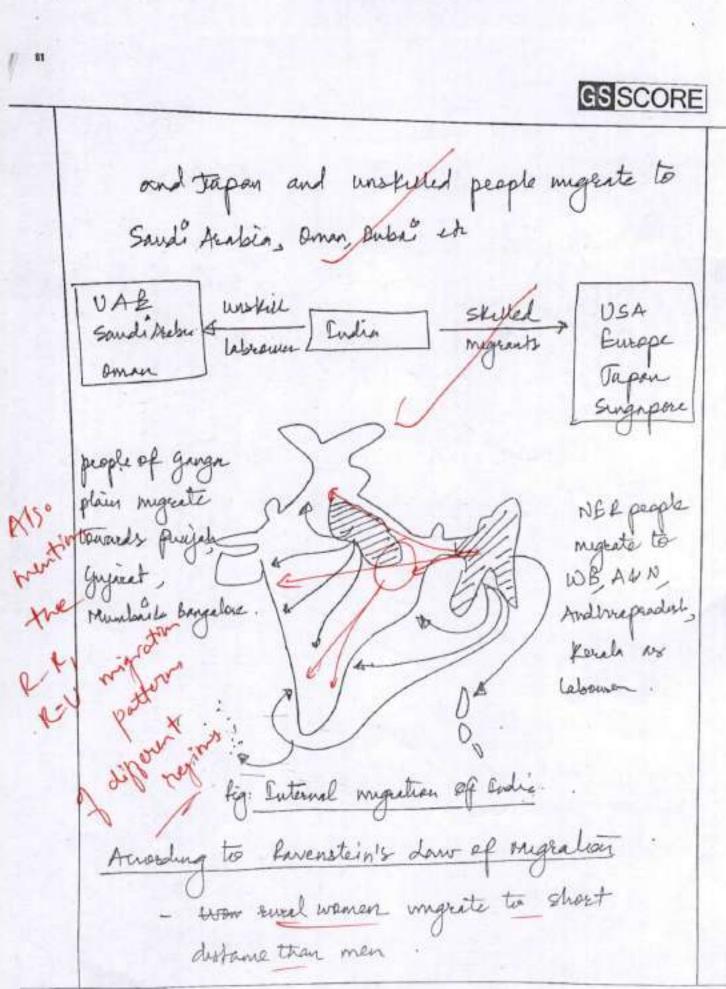
Domestic originants are about 40% of population

- Externational migranti forms the Endian

globe. Spenallog sout commutated in USA, Western Europe, Arab countries.

Japan, Singapose etc.





Punjalo fragalis level wemen of dess woman haryour live is skelled inskelled Skelled markelled skelled make and more markelled and and cities in seach of john. This is most most intra state magnetian happens in case of churchen and health appears in case of churchen and health appears in the face of these are the treads and pattern of pattern of unterstate.

Therefore these are the treads

Remarks

There is no definite victorie for

Industrial requirementation: Nonzever following

Variables are considered

- No of whiteres | factories (oratel)

- No of industrial horkers

- reverges consuption | electricity consumption

- value of production

- quantity of production

Basel on the above, several

geographers have viested industrial regions

of Endin. Dustrict prof p.p Karan, prof Dar

Gupta prof S. Matthie have done work in

this field.

classification home by prof M & chewking

is the most appropriate. It is as follows:

D. Ahmedabad - Undadaxa liguar

Distribution

Distributi

Best of Delhi, Ages, chandigarh commobation.

Best of Delhi, Ages, chandigarh commobation.

Brewley dustrial pharmaceutich automobate etc.

Consideration and a combalorie

Contract common consideration automobate etc.

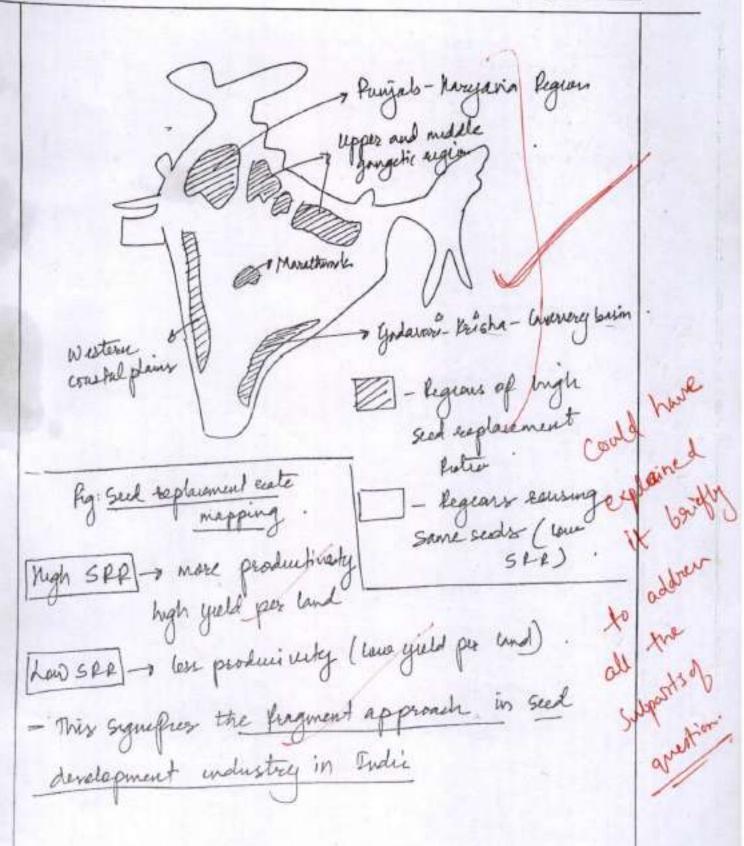
Completed begins bodistries of the second of

Remarks

Seed industry refers to the industry involved in the manufacturing production and to breaking of both genetic Seeds and new hybrid variety of seeds.

Currently, seed production and distribution is majorly under central and obstribution is majorly under central and office government. Private sector puritureation is limited to iss.

Seed replacement ratio: Drive seeds.



Essues involved in development of seed industry Med Low Seed on government inestable eg [CARI in Pajastan Lack of strong IPP Regime and wood subsequent also arbitration clause prevente and me investment in seed development. - Distrubultan mechanism of seads is flamed, it benefits only few large farmers and for with for a seed industry is restricted due Londlords. for fry to fear of manapolising ig: Manasanta case. and boosting & private participation along with A new seed policy is need of the hour.