

An Institute for Civil Services

IAS TOPPER'S

TEST COPY

KUNAL SHOTE

RANK - 640

GEOGRAPHY TEST- 5





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

2. Invigilator's Signature

Rollic Ladre

Name LUNAL SHROTE

Mobile No.

Date

Signature Lunar

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.

Scope and challenges in fish processing industry in India.

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

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

Discuss the urban sprawls in India.

Demographic factors refer to age North (9) Pt has following

influence.

According to Demographic Transition Theory of

Thomson, countries in different stages have

distribution of population.

myest population distribution is the function

Remarks

GS SCORE

- buth rate, death rate and most importantly migration Stage 1 . Stage 3 as wars consupt pour Hve - lon - population clustered - & population dispersed. - living in trubes - people dependent - Bring in agriculture on secondary such areas / forest and lutivity by: Distribution of page"

India has wastline of 7000 km. Mayour

unland water drawings of 15000 km. Trumendows

potential for deep sea fishing, unland sweet 35

water fishing

Sove Sove Sayour Apaton Deposer

fishing hotipoti

Lakeholineap Seaway Deposed hotipoti

challenger:

- hish processing and preseration not effective.

i.e. Lack of world storage in p fishing

wessels

Remarks

Add white impreprix brands branding and marketing of processed fish product

conditions dispute with neighbouring country like arounding Schidanta Manuting Brysholst at the control of Lack of private sector investment in commercial fishing and processing.

Con exaction—Prematin (conce causing) used to store

Add Private private sector investment in

Con us causing) used to store

Proh -> & Sanitary, and phyto sanitary bronies

De National Againstone Market is the platform for integration all local level

mandis into a single netron briots againstical

market.

Prevaulions - Agriculture is state subject. Status need to be convened for adoption. storage famility grading famility at state. - proper infrastruture like weightn scale, proper IT services to make markets online and early airentate breaking the monopoly and extelization with of tenders and providing single national regular tuerro Licence evinend to encouraging private sector investment in appeading APMC

Remarks

GS SCORE 1 20-30% of nortunlline perishable produce is wasted due to monavailability of food processing whatty Dones to Earth) Scope: - Indian processed food consust of Judia Wortion less than 170 of global food trade 17% of Total food produced, is produced Significance: creating brillward and forward unlage prounde significant returns processing Remarks

farmers become part of beth investment and insome cycle defe of poor farmert sympularly changes:

- Land argustion in setting up Mega food proble with SAMPADA Schome land the santary and photo santary measures Skilled measures with could creating non larieff buries. May with form markets FPD could not solventablish the link with farmers.

(2) Websen sprawly is the autgeometh of a wibsen place due to expansion of

Remarks

GS SCORE commercial and louseness activety of main a ty. Unlike converbation of Patrick Gedder, unban sprand doesnot found its independent Add work Central Basiness District. It still depender er on main uty for trong its evonance activity Dharain sturis (whom sprawls of of Mumbai Fig: Island of Mumbai Shandy Steplated is very less is poor urban sprawl people engaged

Breeds criminals

in mind work

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)

(a) The concept of Lero Budget

Natural farming by Subhash Palakar. This

Corrept was developed in light of unreasing chunical festiliser and pestude use, and its

associated demage to soil and environment

problem of soil audification

over use of usea has
dustroyed NPX

retro of A:2:

pruse of
groundwatte

Remarks

GS SCORE

emponents of 2 BNF

components of 2 BNF

Sevend woheel

Sevend woheel

Sevend woheel

Sevend woheel

Jiwamiete. 2

(No festilizes,
Nepistude) Third wheel

Muleling

Rowth wheel (Soil, strum 4 live)

(soil monetur)

Briganrila. treatment of seed with cow wine.

Il vansent: treatment of soil with cowdings cakes and earthworm vermisompost

Mulebring: covering agrilland with previous cup (steam covered).

GS SCORE Whaapasa: soil prosture for is further preve presured by covering soil with Straw of previous crops Sikkim Hamaulal Phaderh

To down fig. Areas deputing 200 2 BNP Benefita - Livestoock + Agriculture become complementary to each other Farmer doesnot get trappel into vicious dobt ujele by avoid expensive input cost.

Remarks

GS SCORE - Natural festility of soil is restored and productivity per unit trop land increased f It complements Ordian farming st scenario When the lenges

craw about - Technical cost Jakon - Technical expertise is required to conduct

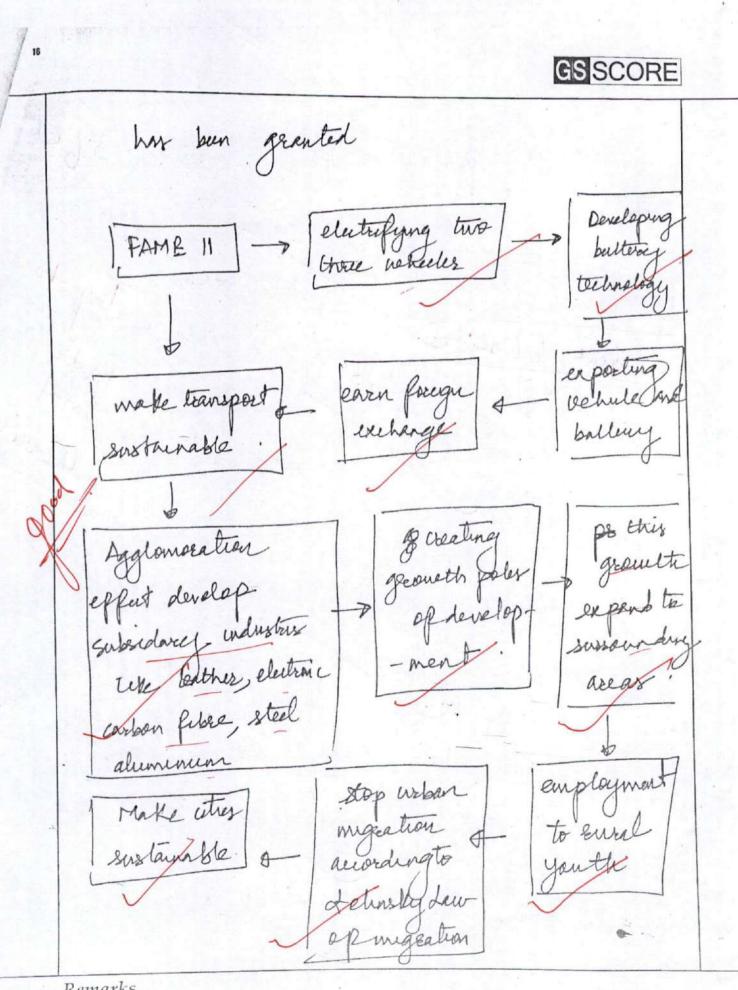
cost largery at BNF appropriately. cor beging &BNF appropriately our in-winformation direction directions ord in - tempormation deseguration to small various is defended.

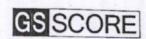
The substituted marginal former is defended.

Under the current siendrio of chinate smart agenrellure ZBNF offers the best solution. And how predesh's goal to adept 100% 2BNF by 2025 should maturate altres

PAME 11 subsence Counched 6.5 by NITI AYOU will go beyond the FAMEI Salient features: Two, three and mate four wheeled vehicles to cover potential althought Subjectives wheeled whiles to cover potential althought Subjectives. - Electric buses compuse a huge part of FAME 2 scheme. To enhance electric mobulity and in wears number of election who welicle - outlay of Dr. 10000 were by 2022

Remarks





Melp improve changing infrastruture:

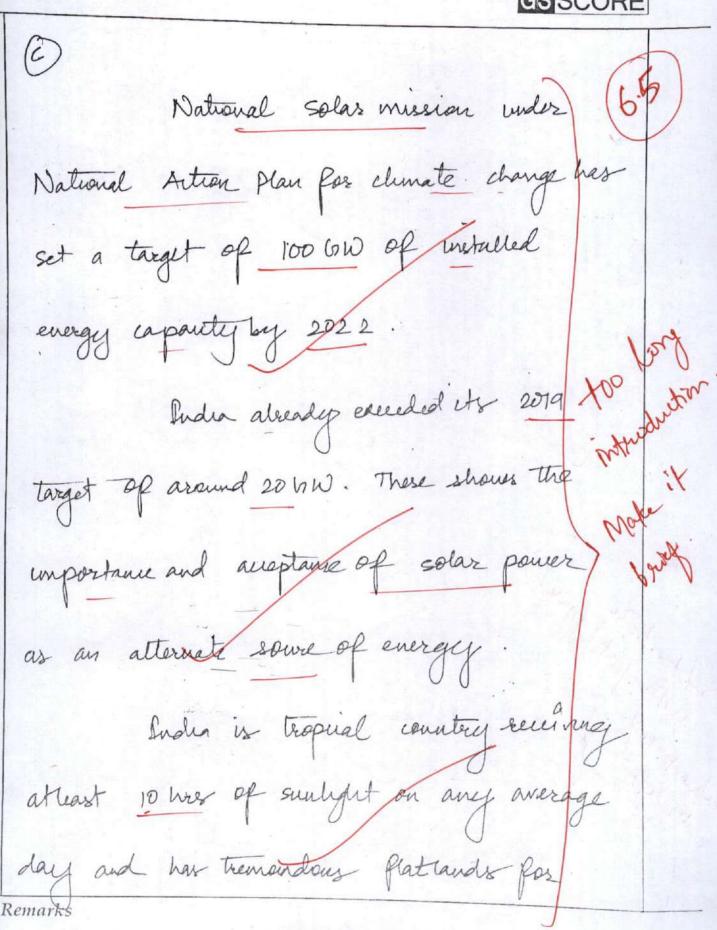
- Active investment by public and private X sector
- slow charging unit for one dectric bust and fost charging for 10
 - later hukage of charging infrastructures/ with renavable energy source

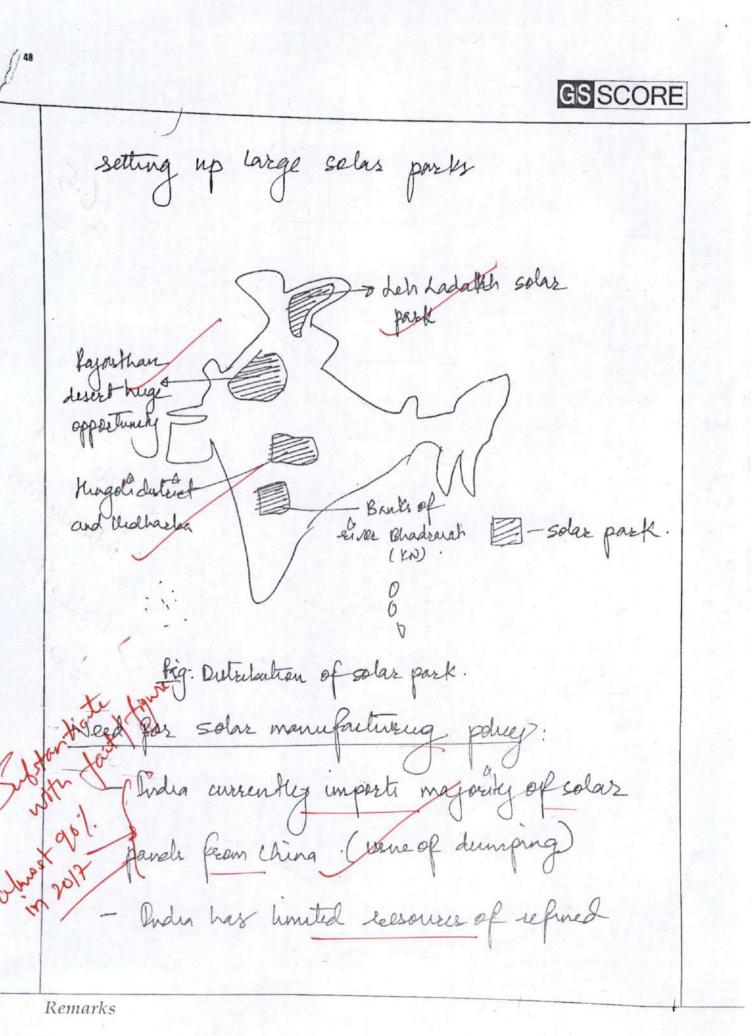
- changing mindset of people regarding electric vehicle (both reteability and server).
- Li-ron batters has to be imported specially who will have suggested definit.
- New unnovative models of PPP for warry selting up both factory and charging up to

Remarks

GS SCORE

Despite all these challenger the world is moving towns more green modes of transport India should understand its challenges and Learn from developed seardanation country We Norway. FAME It is step in right direction





Silvon regimed to make solar panel. with ever rising demographic divident, apportion - mity to employ, both skilled and inskiller opportunities labours. solo jobs provided by solar manufacturing production industry are future proof industry are future proof and sustainable or International Solar Alliance (ISA) provides of portuged. To I I I huge opportunity to India to capture solar worket around the work by developing and for Jos solver manufacturing infrastructure and for Jos skilled workford. Therefore to capitalise on this cho Expanses policy. Tooks needs a solar manifestive soll marks

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.
 - (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)
 - 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)

(9) to Morphology refers to land use pattern o. Urlan morphology signifies the pattern of land use in turban space. According to J-E. Brush wasan morphology of Foder cities are as follows: -- Arcient capital: Ayodhya, Madwai Indraprasth Palmer King wars CBD, the untowhiles

were generally placed away from why.

- Molieval city and lowers:

- Branic influence, fortes mosque
bagas became CBD (wattal Business helpic)

- Morphology of Bultish (Modern) cities

- Civil lines, Rulwaystations, ports became, with

CBD

eg: Mumbai kolkate Delhi etc.

- post Independent cities:

- eithe industrial or administrative centers

became CBD

eg: Chendignah Romekela, Bokara etc.

2 L singh attempted the morphology en

those are. This is the independent pratures

or western yelle. Closefuation

Maderial: Pattiguttive

Ancient: Pattiguttive

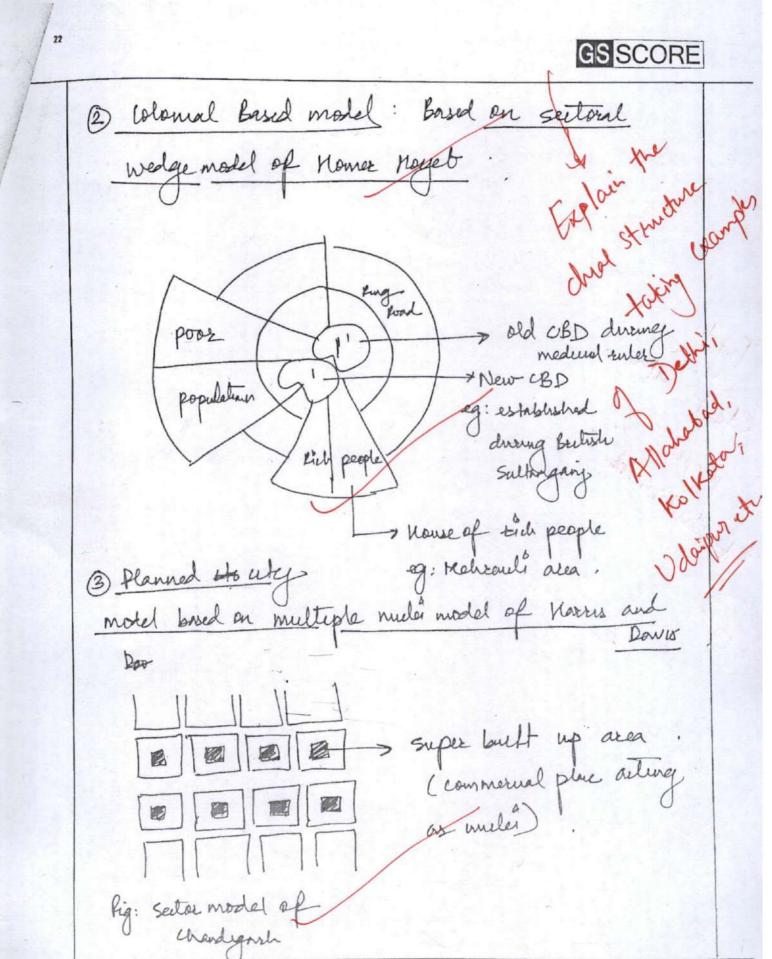
Birther Christicalian Dual structure

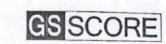
Another Christicalian Dual structure

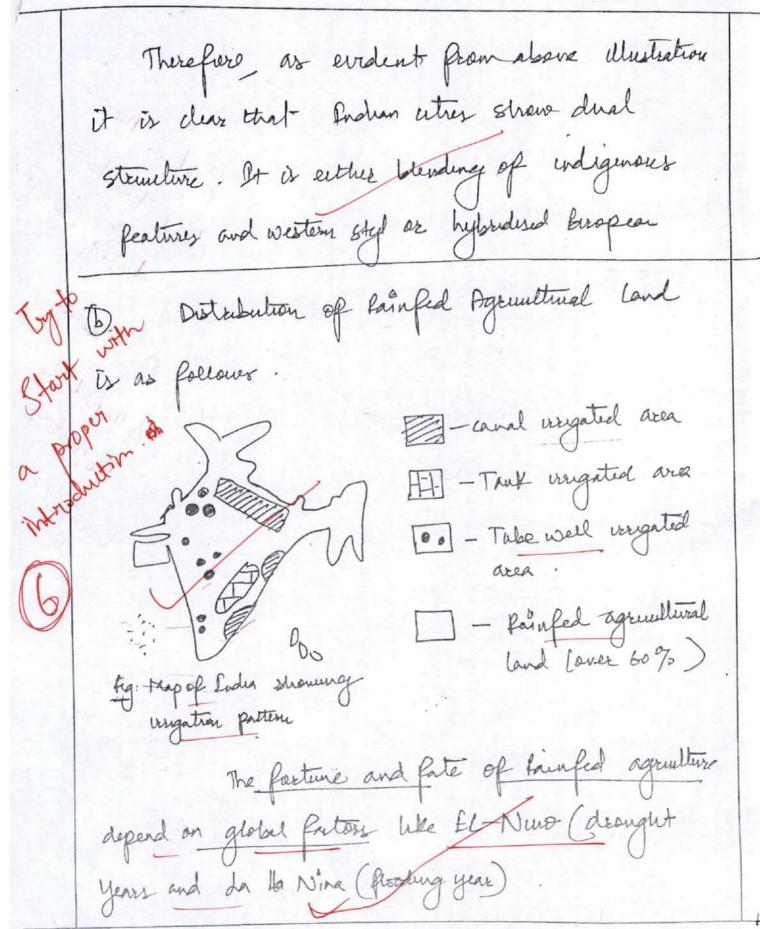
Moder Bazzar model: Basel on Consentric 2 anal

Model of Bazzar

Model







Designat grader

But when every drought or or subcontinuat.

But when every drought or or success for security is affected. Inwase in Ramer succede in seem Specularly in I reason fed array ag videors.

Policy Bias against sainfed againstice:

- Efforts towards expansion of varianton in the infrastrutive in Stagment.

Remarks

When the water shed management programs, Acubulted of water shown any significant trults len week for standed over the sound of the water of PM kinder of party of the party of the water of points of party of the more trop per drap is limited water of party should be audited water of party should be audited water of the countries.

The countries of the countries. Above interventions along to out the countries of the countries of

brated nearby a major webser city. It is

provides homes (Shoutey depleted) to daily

wage workers imploused by city.

Dalli slums: Juggi Topdi

Fig: Slums (Major) in India.

Fritzgi of foldabilitation by providing affortible

housing his not work because:

- & Eero Stums usually are very near

to the waterl Buseness distract.

Remarks

density of people per unit were winese

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high

of Mumbar

of Mumbar

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or which the possible

or of litigation here labellitation is

strateryly to solve slum usine 7 % write in of - Law to theik migration of people in soul and dondon and in - More generation of jobs in rured areas territory - stume Rehabstation scheme to dependent or ground realities of particular areas & Urgent need for po National population Control Policy. where ver strategy for rehabilitation fails above steps can be adopted

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 severely 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.

Income Inquelity has been on the

Nation wealth of country

poor eating

Useases cannot be were

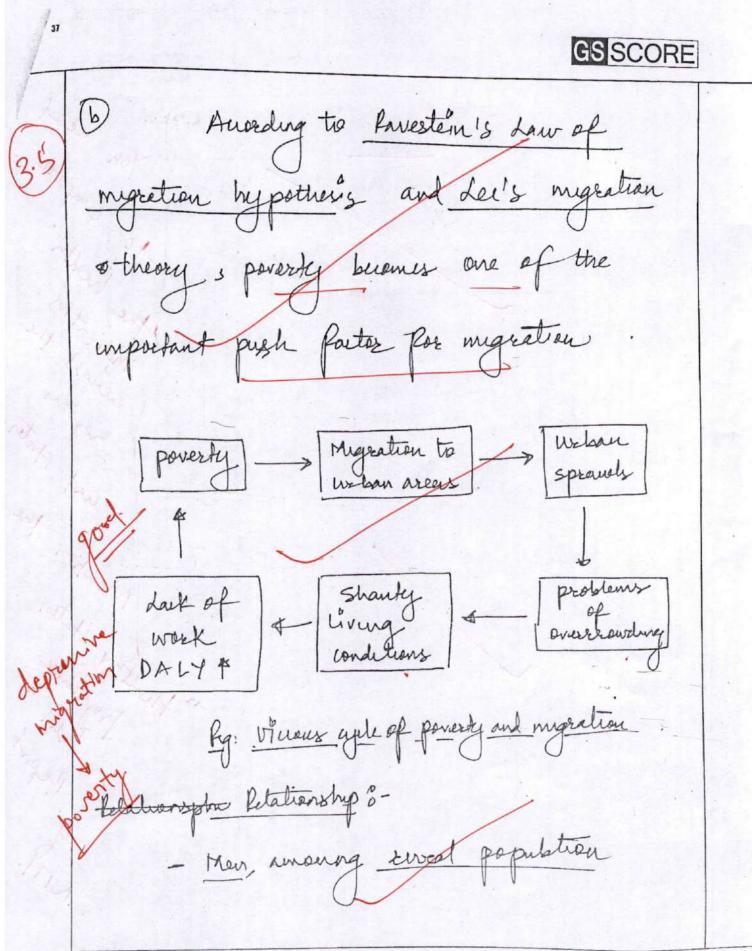
Health condition

According to NFHS-4, 38.47, Off for red children belong to low and marginelly poot income just the star hand, Ending is home consisted the highest number of obese people in the world, after USA. Purple is dielectic the capital of Ending Kerala bet burng concernment of property of the highest number of obese people.

(apital of Ending Kerala bet burng concernment of the world of the highest number of obese people.)

(apital of Fooling Kerala bet burng concernment of the world of the highest number of obese people.)

(apital of Fooling Kerala bet burng concernment of the highest number of



GS SCORE

household with last of bread winner man or 2 More is the poverty, farther the distance down is of megration. 3 foral poor of North India are migrating of to western and south India [Fro survey] word hand > goure region agriuture add the god. Day You can also

Remarks

GS SCORE Beekeeping also known as apulture is an unportant source of income in es rural areas of the country, spenally the North East Figion. - provides additional source of unione reviews to farmers in case of huney or beenver with supplement the hostmillure produce - Demand for honey is tising in global outsind economy, people are becoming more Sutain whether which which who very away from refined and continued sugar.

- provides employment to rural youth stops their weben migration challenges: - Traditional method of beekeeping has caused deeline in productive of honey with per have. Bee was found in honey due to unproper refining - Deff Deforestration is tribal areas have when werey affect honey producing capacity. apput honey producing capacity. - pestueder used by farmers in rgri land har caused rapid keling of beer. - Improper government support has viented

Remarks

additional challenger

GS SCORE population (05%) and do large physicagraphic Note that of country, givil aviation has become The every middle class of India profess terrelling by air to save time and posst productive Civi Aviation policy: To boost industry \$ 300 bullion by rearted and 2025. 2022. early de construction and senous removating over

GS SCORE - Dutroduction of helicopters in difficulty points
and hely terrain or North east specifical
and Western Humalayar replies with the - Subsiding regional un connected airports of and air travel routin eg: UDAN (ude desh ka Arm Nigerik 54)
Scheme) private - treated creating No fails are post in NEL 29 Stullong, Gurahate to boost view services refresh connectivity and towns. Therefore interview policy holds tremondous potential to desolop the areture industry in India 35) D sustainable development of cities Indea has 30% of population Cor propulation is expected to reach 300 million by Josed 12030 and over 600 million by 2050. Expanding the capacity of Thes in lines with sustainable development was the agenda of UN relatet 3 Summit us Emidor symbolish ords control the water speams.

Remarks war sure

to Perroux autide the cities can consormed bead to sustainable despansion or showing eg: Navi Mumbar Au port outside Mumbar with a separation of central Business district by with a common alternative administration and common unit to g: Nagpur in Mahmahtan second capital as appoint to Prince.

- Ulitzing the potential of commontation of fativity yedder for rustainable expansion of fativity yedder for rustainable expansion of fativity. Yedder for rustainable expansion for patients of commontation.

Sompet Talandhar, Patiella statitura, Romipat Sompet Talandhar, Patiella commontation

Remarks

GS SCORE

8. 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)

"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)

(domestic) and external origination (internations)

son a large scale.

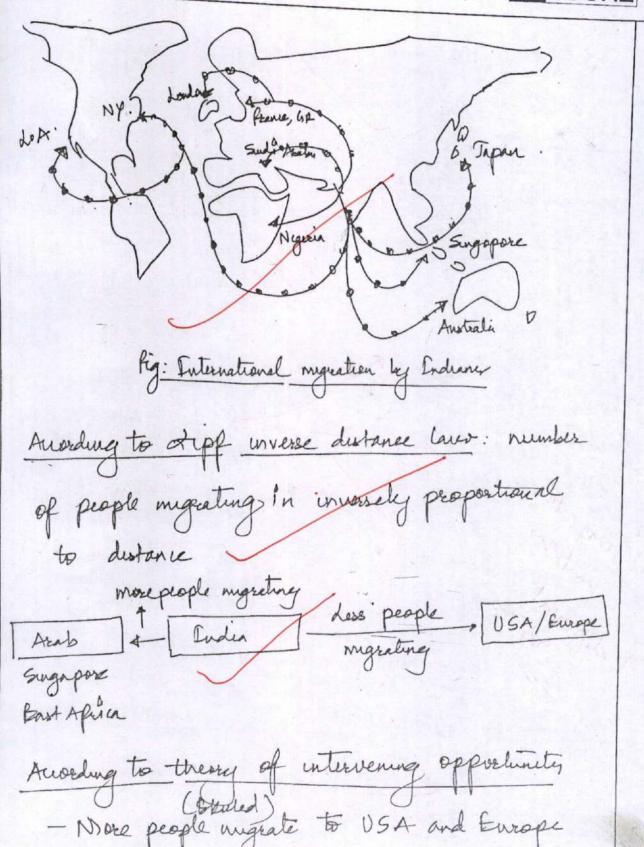
proposestic migrants are about 40% of population

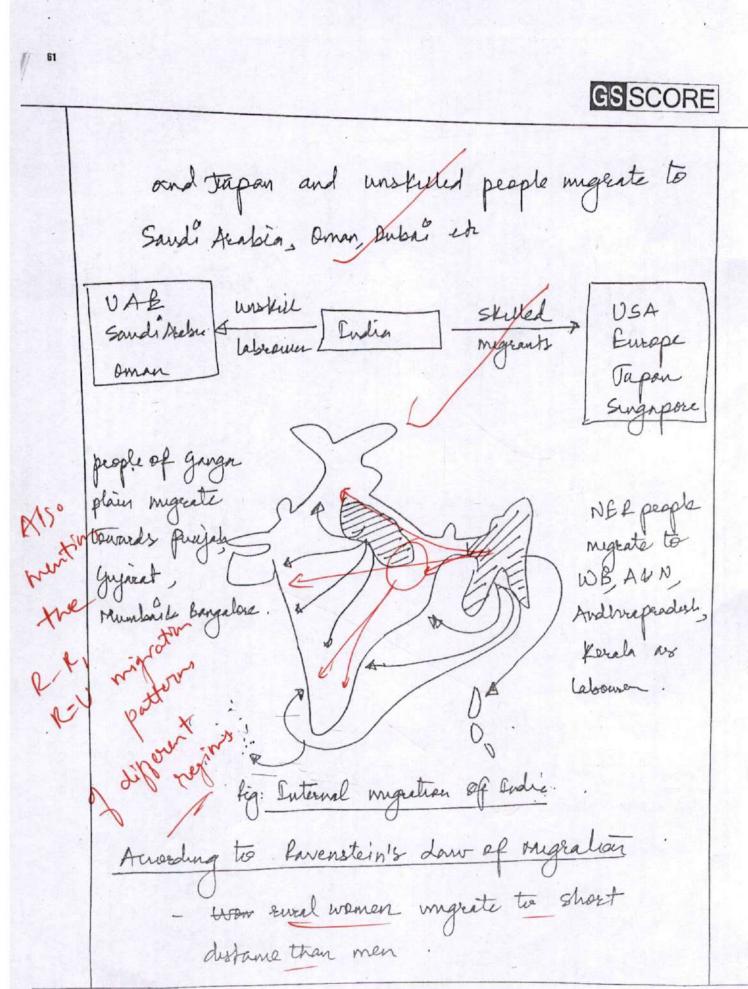
Enternational migrante forms the Endian. Anapora of about 29 millions all over

globe. Spenally tout commutated in

USA, Western Europe, Arab countries

Tapar, Sugapore et





Punjaho forgation burd warmen of dear woman Mumbani Brigation Brigation Brigation Brigation Brigation Brigation Brigation Brigation Coursemplayed rural youth Ingretic to found in search of jobs. This is most warm intra state ingretion happens in case of churation and health opposituation.

- fural - eurel ingretion happens mostly interstate.

Therefore there are the trends

and patters of internal and external ingredion.

(5) There is no definite victoria for undustrial regionalization: Housever followings variables are considered

No of industries factories whatel

No of industries factories whatel

No of industries horkers

- reverge consumption faliations, consimpline

- value of production

- value of production

- quantity of production

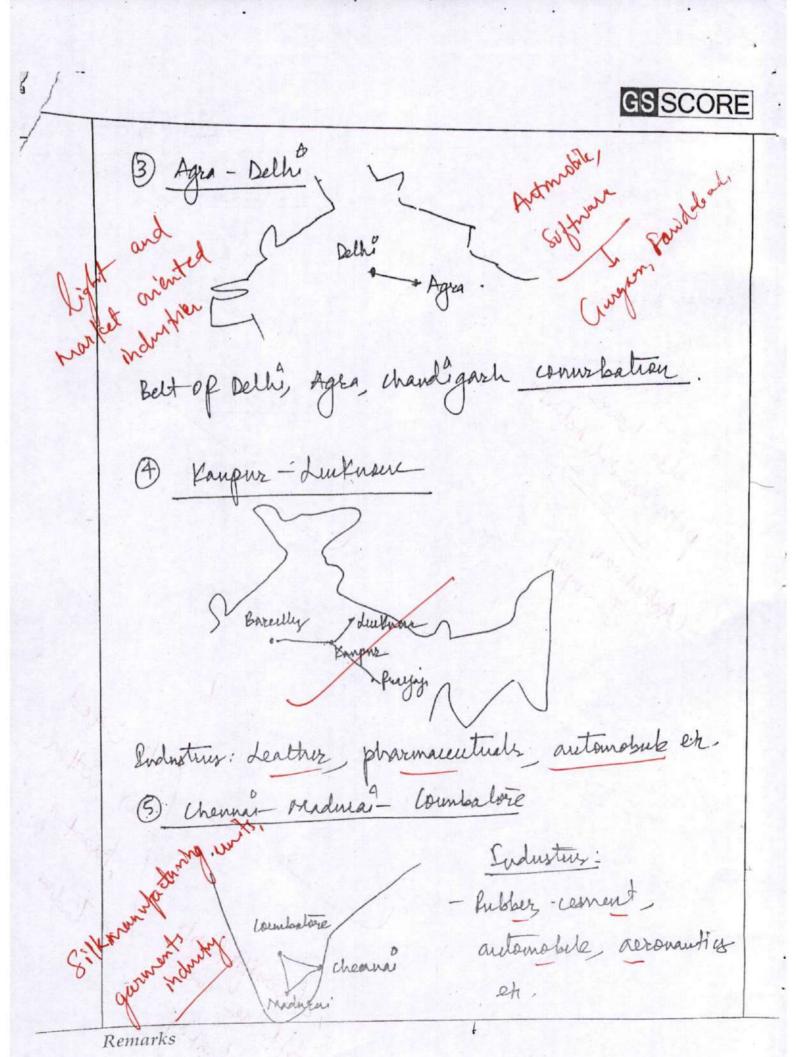
Basel on the above, several

geographers have wested industrial regions

of Endin. Tradition prof p. p. Karan, prof Der

Gupta prof S. Mathies have done work in

classifuetion done by prof M & chaudhary is the most appropriate. It is as follows:-D Ahmedabad - Vadadara legion also have reducting themstabel sweat sweat Codustries - Draward processing - cotton textile - Automobil - Advantage of port D_Mumba-Pune figion - Automobile Scribble and Strange Could Remarks



Robbin South Region South Robbins South Cotton, engineering goods, paper.

O Chhota Nagpus plaleau Industriis detributed - From and steel conditions of hour continuer of the co

Remarks

GSSCORE

(C) Seed industry refus to the industry involved in the manufacturing production and to breading of both genetic Seeds and new hybrid variety of seeds.

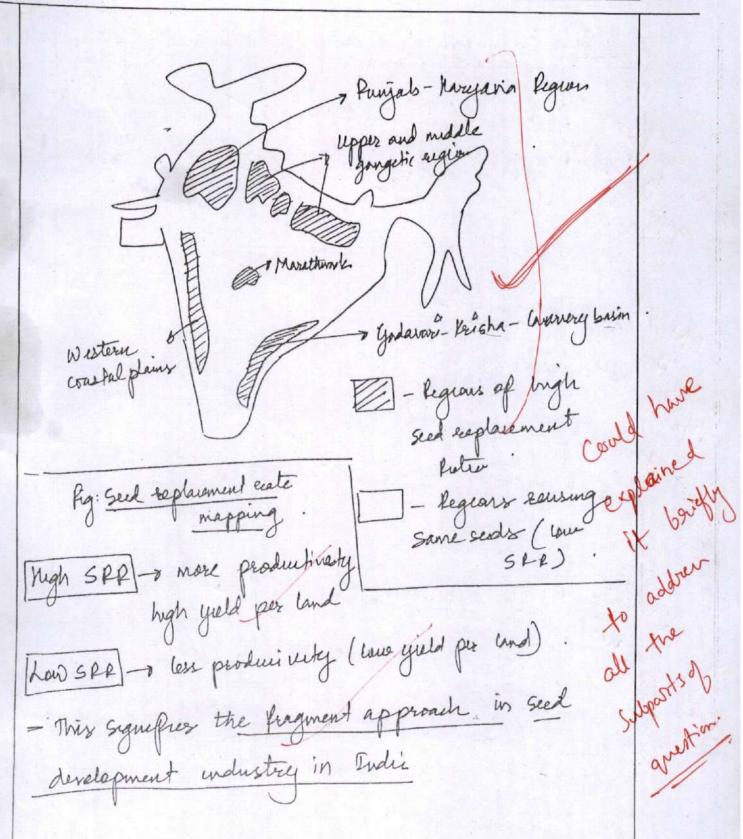
(whenthey, seed production and distribution is majorly under central and State government. Private sector puritupation is limited to tes.

(Seed replacement rates: New seeds.

Seed replacement rates: New seeds.

Seed replacement rates: New seeds.

Seed replacement rates: New seeds.



Issues involved in development of seed whitey

land of several and Development largely dependent

cool on government inestable is I (2R) in Papatha

Land of strap Strong I PR Regime and

subsequent also arbitration thuse prevents

and

investment in seed development

ord

- Distribution mechanism of Seeds is flamed,

it benefits only few large farmers and

landlords:

Londlords:

A promitive government push

and boosting & private participation along with

A New Seed policy is need of the hour.