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

. 0

Signature

REMARKS

GS SCORE

Junear sourt

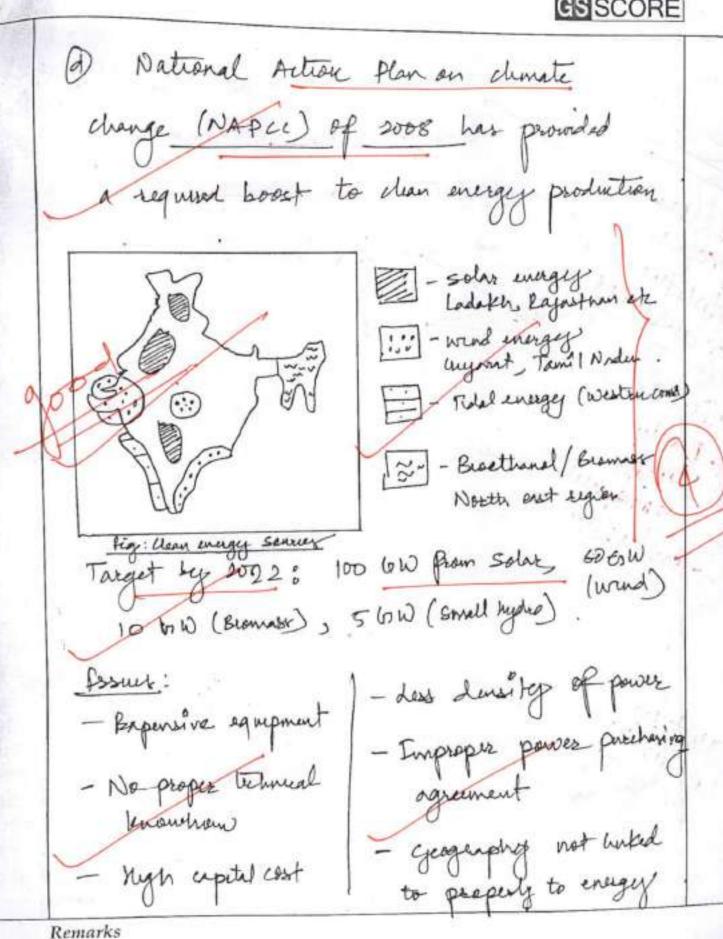
ESSCORE Buread Aucading o to Buread, of the trough of andge valley between Humalayer and water plate plateau lead to formation This gap field by indiments and Northern plane were formed. Sea level fewering Theory of Blandfack Aucading to Blandford, & northern plains formed due receding of sea hater to from foothells of Humalayar to present sea lovel. Saltwater lake in fajordhan, Hurgam were widence itself.

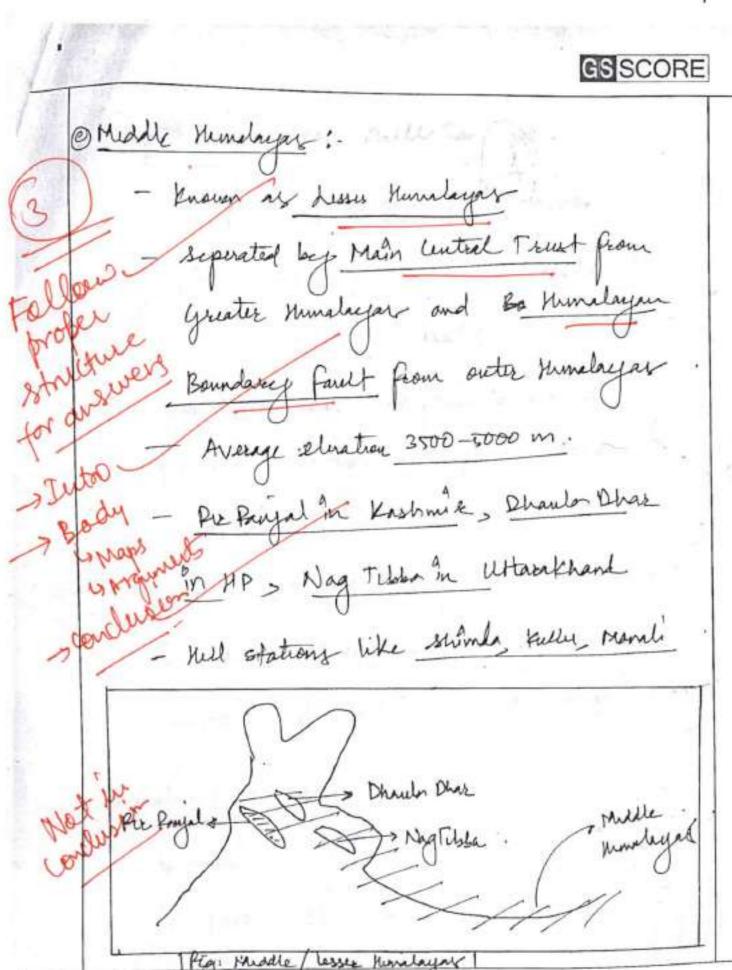
Conclusion!

GS SCORE Archaen Igneary rocks port of peninsular India, Arqualles plateau, Mikvi Hells 1555 - Ac Dharwadin sock: - fig: Azehaen focks first time discovered by DN wadia - found in district of Dasward Sedimentary chhotengen Pl. Motive hills percease minudes fig: Otherwoodien Rock

GS SCORE @ Indian crapping pattern is largely determined by prop Tastois singh prop Dhyan Kans prof P. Kumer based upon statistical technique by Ke weiver De Montre Major based on MSP offered rather than Managelture is largely practured in suniacid regions eg: Pice or wheat in Amjets - Dry framing technique not spread throughout and and semi axid tegions - unswentific use of linestock to complement preming. Extensive farming couldnot be peretised due to prognentation of and.

Remarks





3. Answer the following questions:

(a) With the planets second largest population at 1.3 billion, and expectant growth to 1.7 billion by 2050, India finds itself unable to serve the vast majority of that populace with safe, clean water. In light of the above statement discuss the causes of the water crisis in India.

(250 Words) (20)

(200 Words) (15)

(c) Discuss the global, regional and locational factors which control the phenomena of monsoon.
(200 Words) (15)

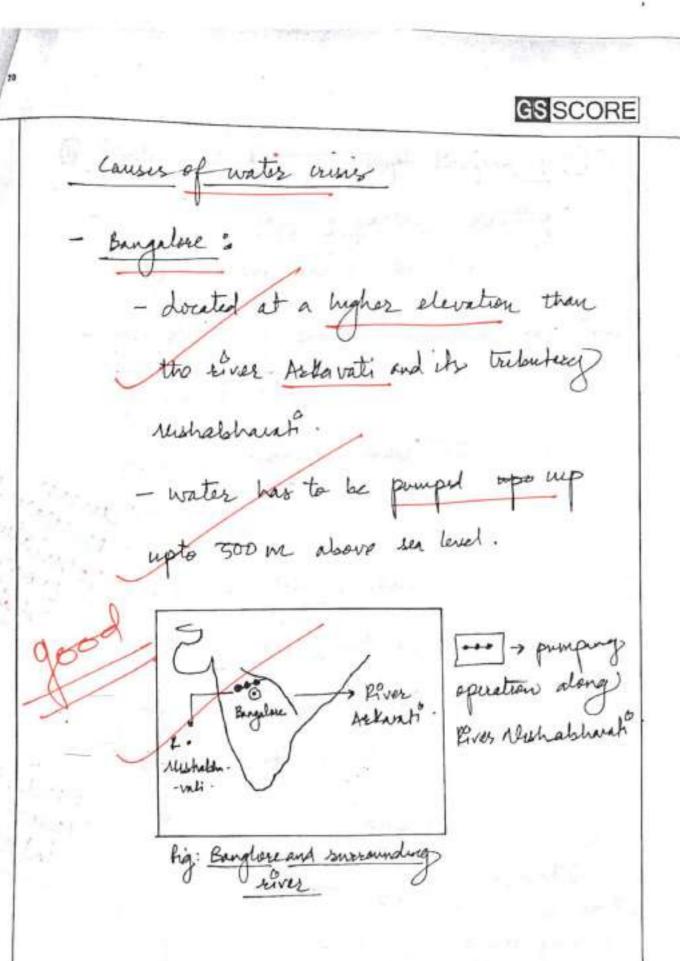
Management Report of NITI A10h higher highest the impending water crisis of the country.

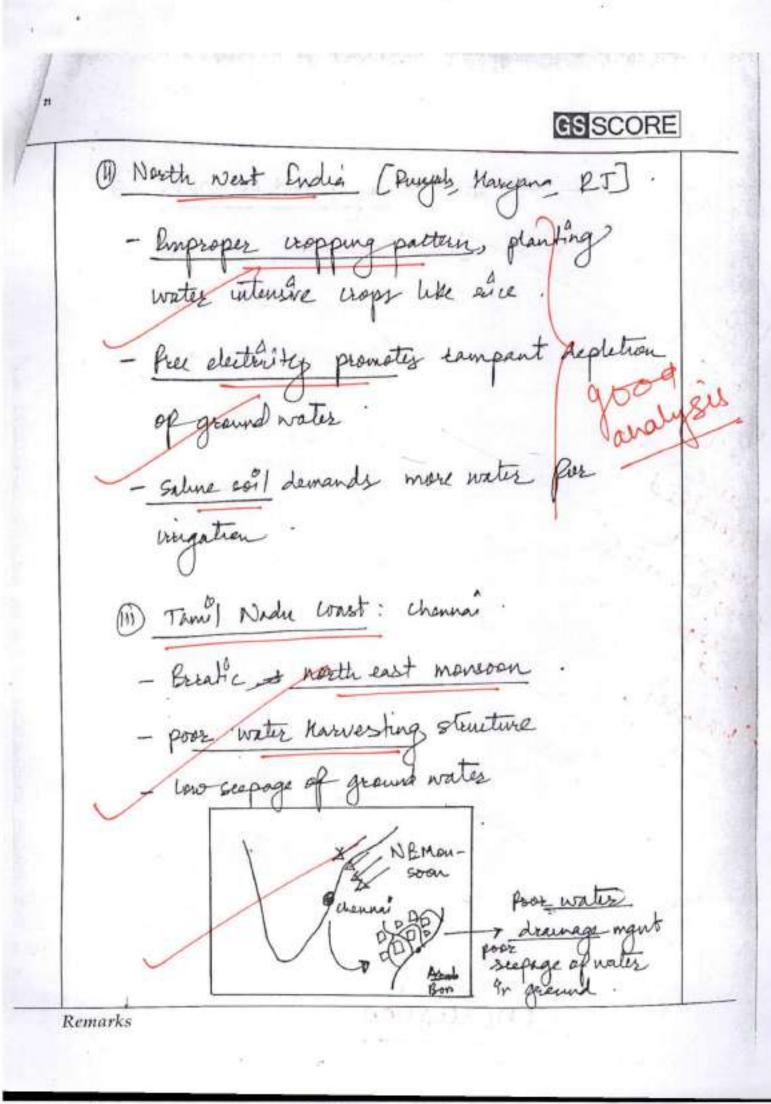
- 600 million people face searches

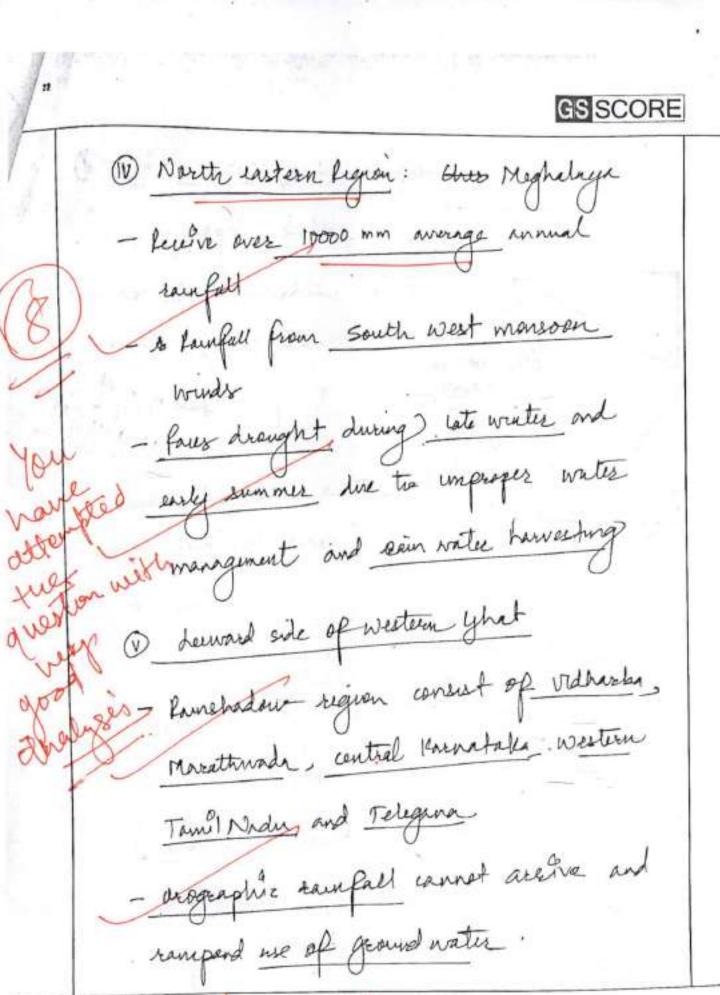
- 22 cities will sun out of water

by 2020.

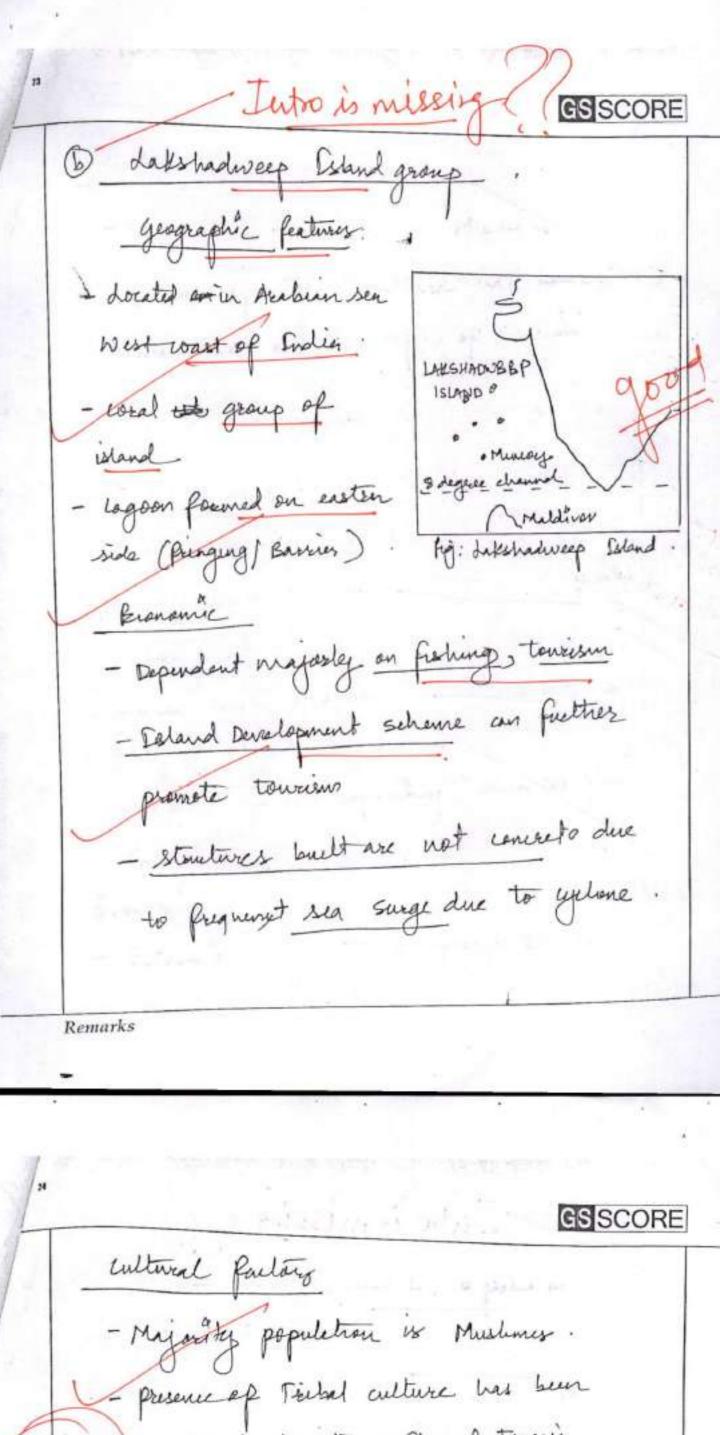
- Banglore, chennai, the are among the first to repersence water wer.

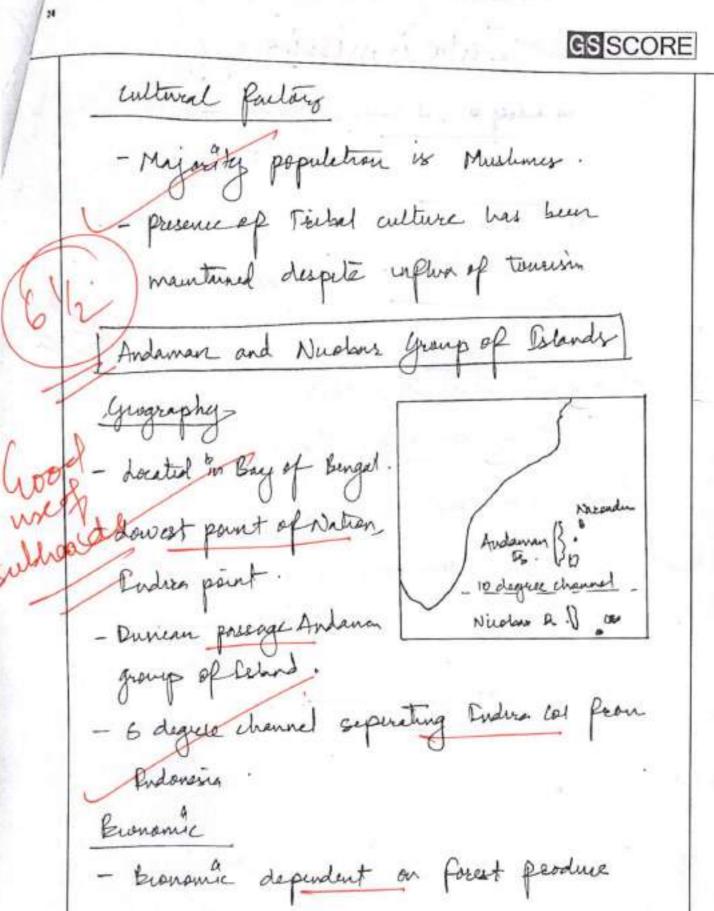


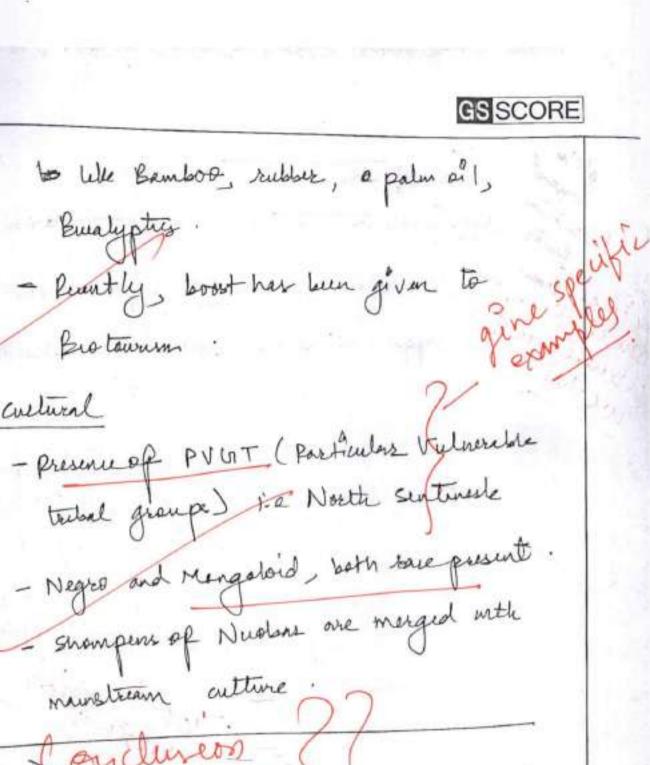


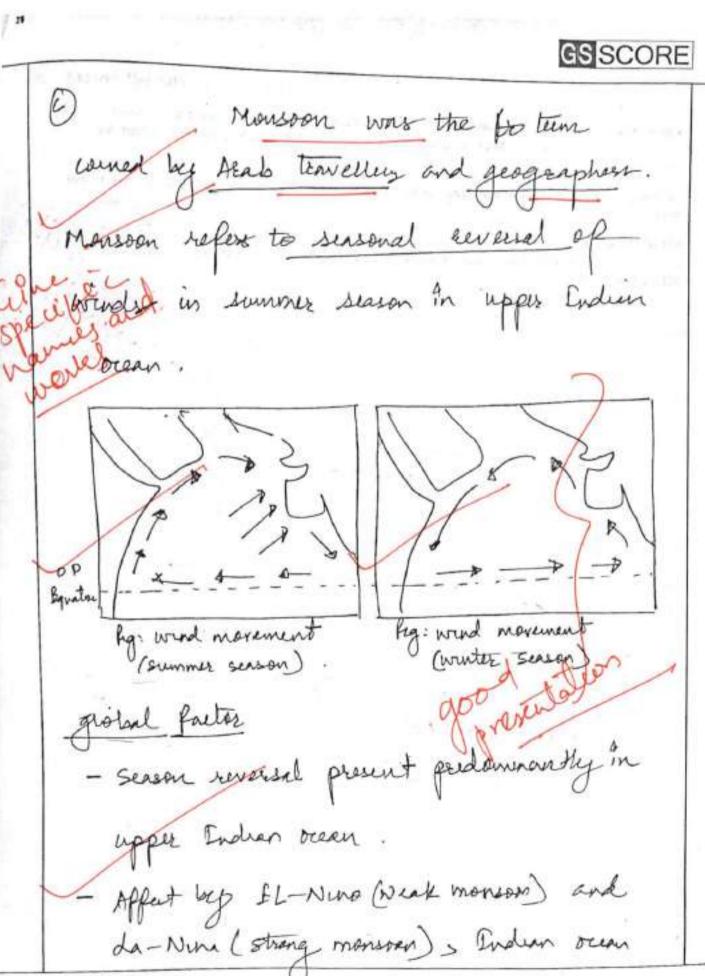


(onclusion









depole, southern oscillation etc.

legranal factory controlling monsoon

- Due to histing of land in subcontinuent

onstro have pressure aceted

- words blow from high pressure wounds of white

Mozambique towards low pressure over order

subcontinent

- This concept was replained by halley.

but could not explain the break in

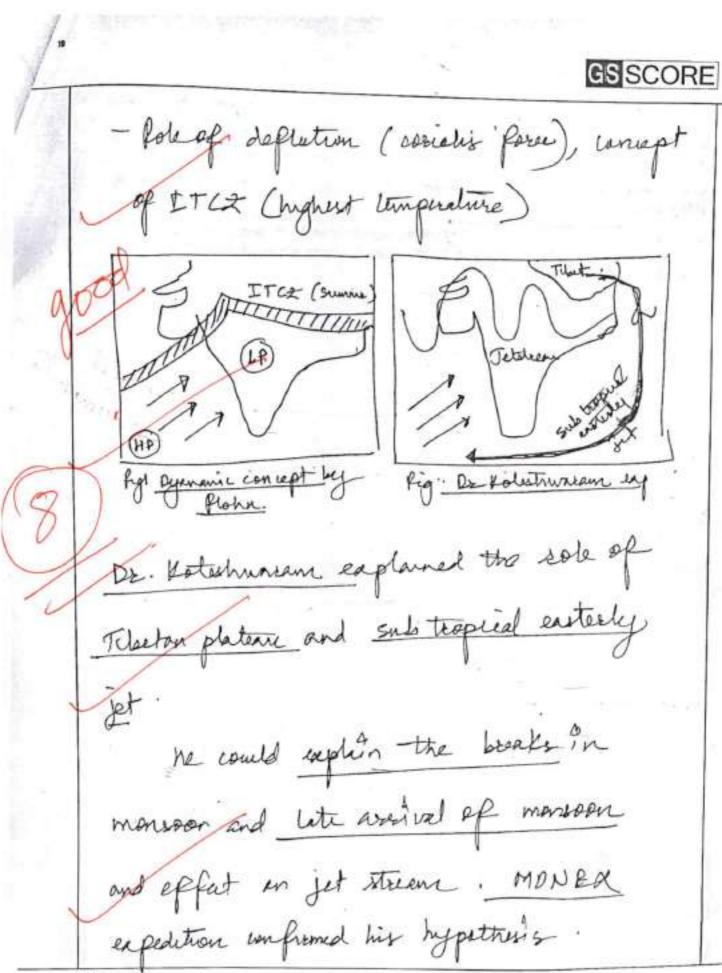
monsoon and late orrival of mensoon.

bocatural factors

- Dyanamic concept of monsoon was explained

Remarks

by Flohn 1951



SECTION-B

Attempt all questions:

5. Comment on the following into 150 words:

 $(10 \times 5 = 50)$

- (a) Discuss the mitigation strategies against the tropical cyclone in India.
- (b) Koeppen's Classification of Climatic Regions of India
- (e) Discuss the gender specific interventions in agriculture taken by India.
- (d) Discuss the Jet Stream and Kootishwaram theory of Monsoon.
- (o) Discuss the challenges in agriculture of the north-east region of India and suggest some measures.
- (a) Tropual yelones affect the entern const of India more severly than theonth western coast.

 Metgation stealergy: grandardian

 Metgation stealergy: grandardian

 - peralogings early warning datestion systems

using satellite technology, DOPLER

- Developing applone resustance humans

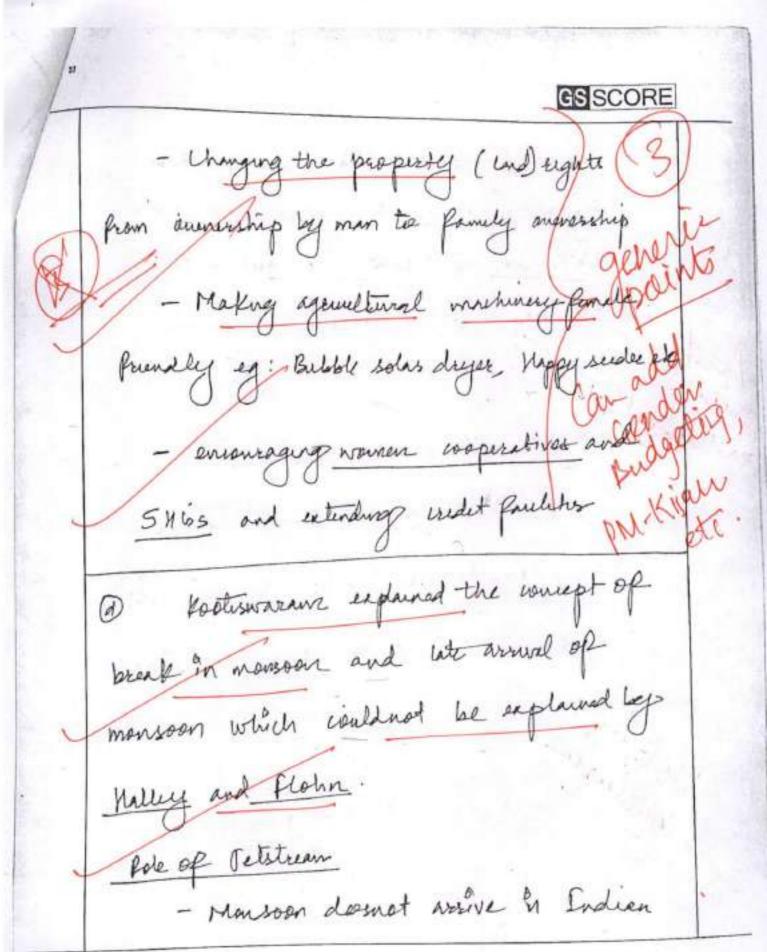
Remarks

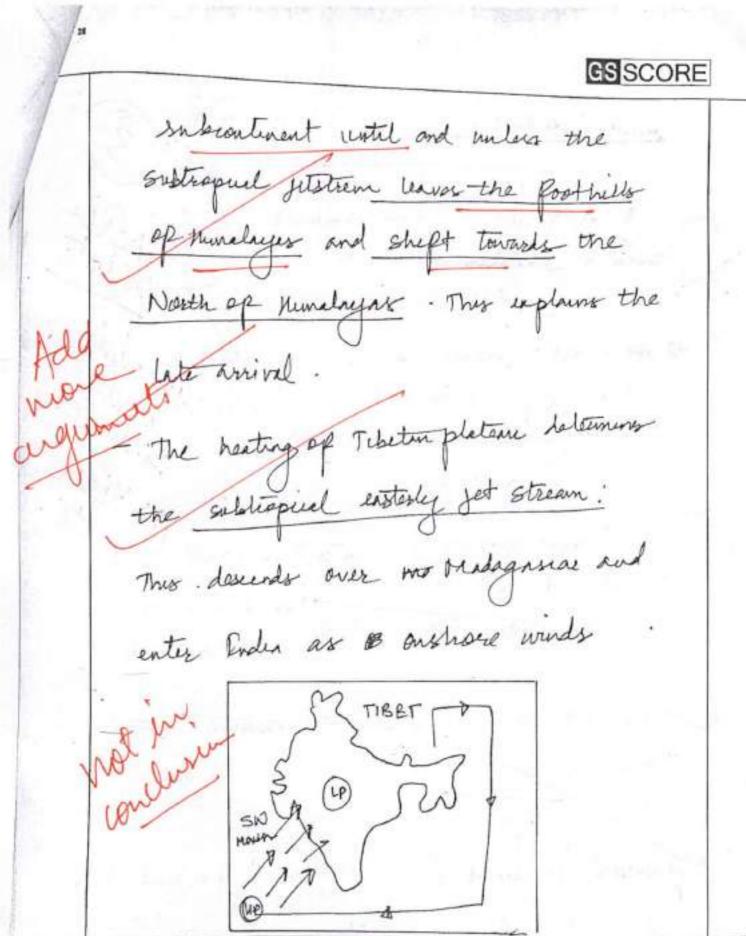
Coast effort by odusha.

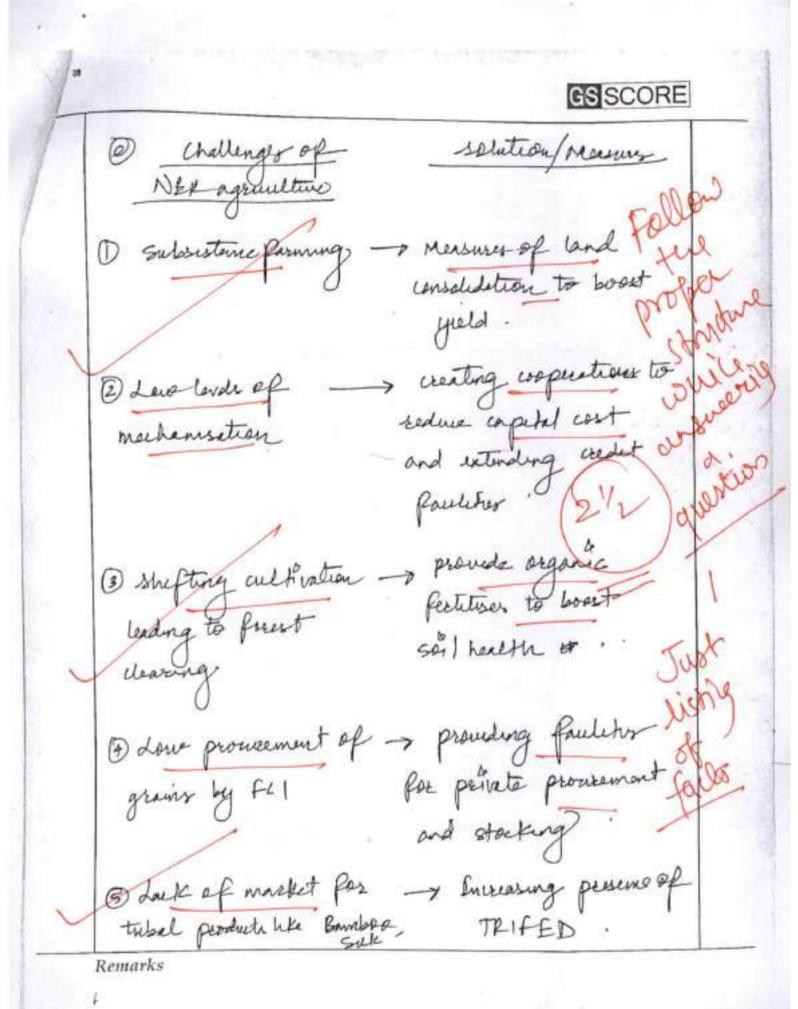
- setting up seperate cycline metigalian find amongst NDMF and SDMF.

- Enterational magnetium to conduct humanitarian efforts. generally to dad with yellones in valuerable districts with yellones in valuerable districts yender roles in valuerable districts yender roles in valuerable districts was generally yearly stand. Women are after and employed in minul tasks.

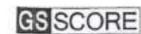
Enterentions by government me?-





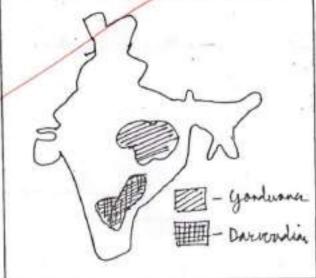


GS SCORE Answer the following questions: Give an account of energy resources in the country Comment on the need for developing and harnessing alternative energy sources support with appropriate arguments. (250 Words) (20) What are minor forest produce? Discuss their significance to rural and tribal economy. (200 Words) (15) (c) Discuss the importance of animal husbandry and also discuss socio-economic and environmental aspect of animal husbandry in India. (200 Words) (15) Account of Energy resources in country July coal (45%) > Biomass and waste (20%) o Petroleum & other liquids (20%) - Natural yes (5%) -> hydroelectric (2%) other renewables 129.) As evident, mejority of energy source is obtained & Indea has from coal.



potential coal reservoire of 300 million tonner .

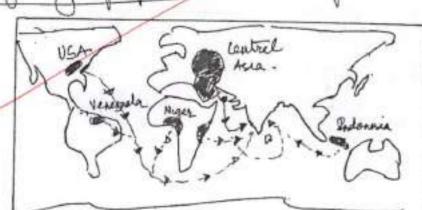
Major coal produuraje areas are :-



Status :-

- Karnataka - Tamil Nadu

fig: cool produing areas imported:



🕅 - petidou

Remarks



Need for developing and harnessing alternative inergy;

Endu's commutement in 1912 Pur Burth

summet, Kyoto protrol target, INDCS. Ender's geography pravides huge potated

for tensuables. Fig. Penewable energy (andis) - potestiel of

- Total energy along western zonst ": - wind energy along guyneat and Tarril

Natu coast vi - potental solar

facure in Rayaethan, dobradakli, vidhashar fegra

Bisethanal (production of Tatropha (2005)

GS SCORE

Measures to & boost allimete energy

- providing Land to Set up tidal forms

and wind farm (epfect of nggloweration)

- subsidizing initial capital on it is a

capital intensive industries - Constant

- providing proper power purchasing opposite

to boost power power providently

by DISCOM

- changing building today to live FSA to

canditional islan reoftop potential. While

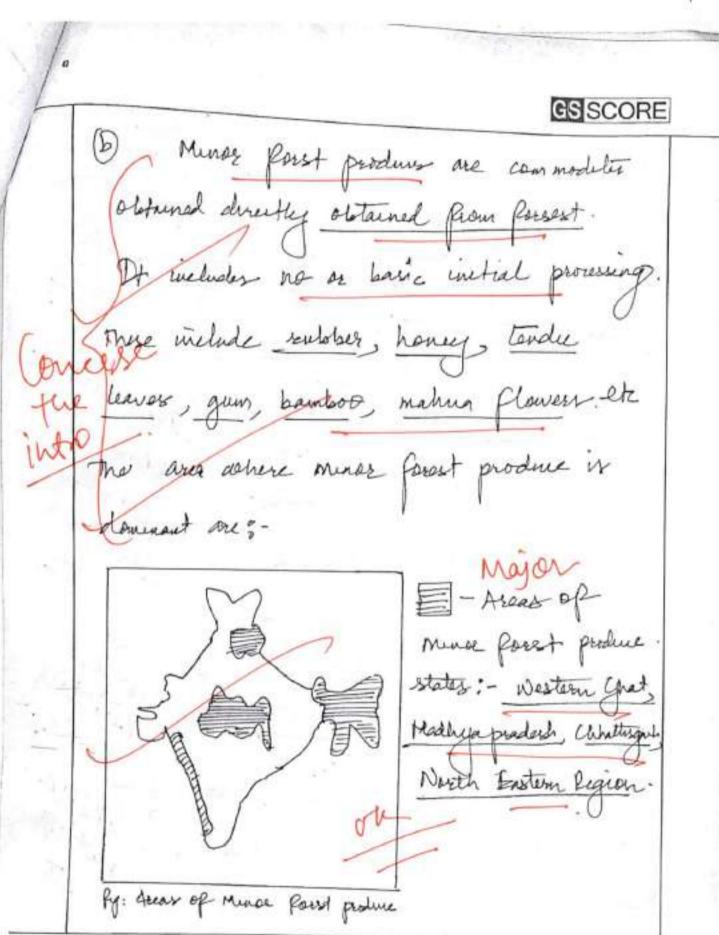
Contin has transmoders potential

for remarks, providing people policy with

from the standard people people policy with

from the standard people pe

Remarks



Inquificence;
7 provider source of livelehood to good

tutools living in forest area

eg: Gonds of MP depends an Methods

Plowerr

Nagas of North East depend you sale

of Bamboo.

-> provide an a way for sweel women

empowerment

eg: women cooperative call income

stells from temple plowers in Kaupus.

-> provide a opportunity, to sweel youth

who have lost faith in agriculture and

want to myrete to cities.

Remarks

the activity of young feed wends to
provide additional products like milks
eggir, meat leather etc.

Aucoling to Prof Tables Single,

arinal hudiendary accounts for more than
50% of aguilture income

Emportune:

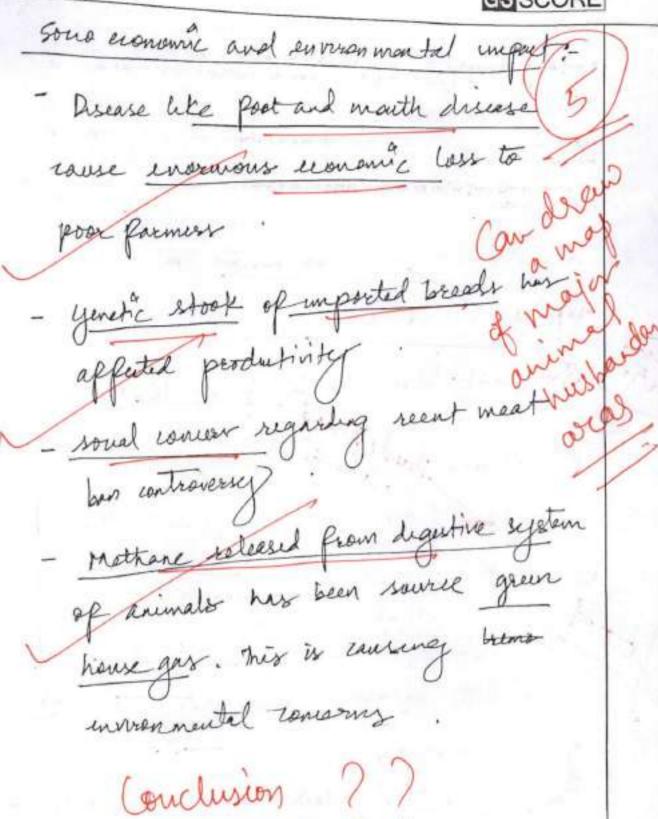
- supplement tonome constant vicame

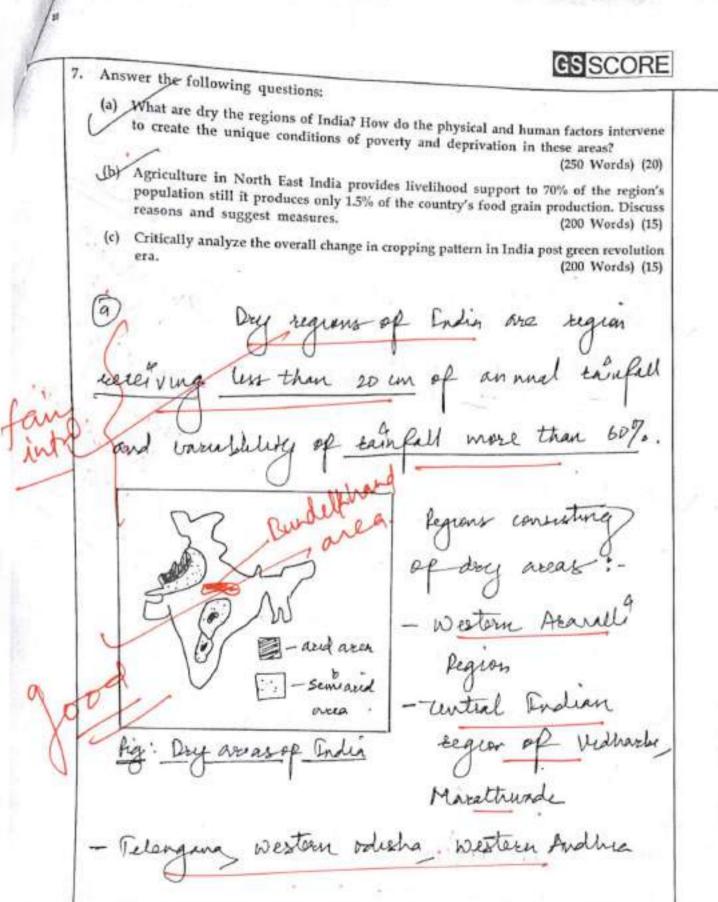
can transf to except mensoon.

- provides apportunity for woman to

contribute to family income.

- therow mosts from animals can be
used as menure and feetitises.





Pradesh

- Drug regions of Endis was classified by Galina Sadsynk and prof Sen Gupta in paper Regionalisation of Endia"

Augustan Leading to poverely and

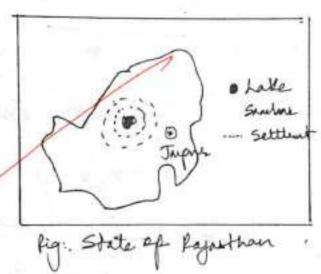
- Due to lack of ramper, sand and give vice

- extreme weather [Hot days and cooler nights] timet the divorcity of vigor only vapor like dates, figor are grown

Remarks

GS SCORE

bung compact near a water source eg Lake Pond as & seen in fajasthan



- Less graind water fruther aggresate the problem. Dry purming is practised

human freters leadings to poverty and deprevation

- people sweetings to miss Sample

GS SCORE

people living near dryland and passers are Eabsters

- Defluency of people is low in lettime weather, this futher aggresses the problem of a poverty.

opportunity for agriculture. Frether lived be practiced to allevate poverty and

Remarks

depression

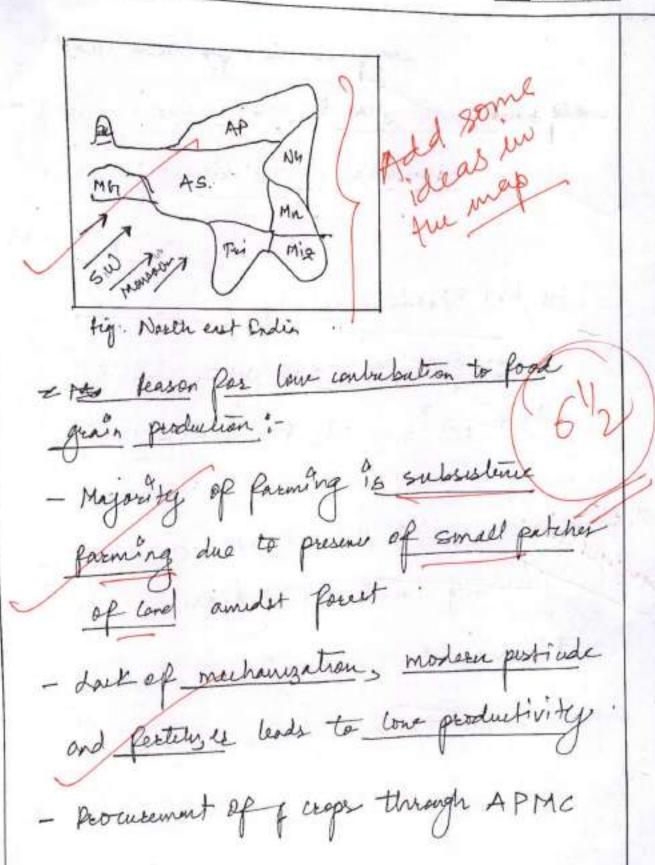
Agriculture is one of the leading professions for people of North east: Persons for such phenomenon!

B Painfed stoy agriculture can be sustained the to Bay of Bengal breach of South west Monsoon

Traditional and Tribal practices of organic facing, shifting well value still prevalent.

- Presence of market (Local population) seedine dependency on government

interventions like MSP, crop insurance etc



Mendi and by FCI is poor.

- Transportation cost of carrying grand from
NBR to main land is inormous.

Mensures:

- doed farming protesses should not be
disturbed, they should be complemented
with bamboo cultivation, so IK production

at IFIFED should work towards divelopment
of backs market for tribal produce.

Enoughing and inter tribe conflict

Should be stalubed to boost production.