

TEST CODE : 4 1 0 7 7

FIAS - MGP 2021 - GS paper #1

ForumIAS

GENERAL STUDIES

Name Of Candidate

AIVYA SHAKTI

Roll No.

1910040638

Date:

18-12-21

Time Allowed: Three Hours

Maximum Marks: 250

INDEX TABLE			INSTRUCTION
Q. No.	Max. Marks	Marks Obtained	1. Please do furnish Name, Email, Roll No and Mobile in the answer sheet.
1			2. There are TWENTY questions printed in ENGLISH & HINDI, all questions are compulsory.
2			3. The number of marks carried by a question/part is indicated against it.
3			4. 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.
4			5. Word limit in questions, if specified, should be adhered to. Any page or portion of the page left blank in the Question-Cum Answer Booklet must be clearly Struck off.
5			<i>Any specific messages for ForumIAS Mentors/Evaluators with respect to your copy? Write it here.</i>
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Total:	250		
Evaluator's Discretion:			For Student Only
			Start Time 9:20 AM
			End Time 12:24 PM
Total Marks:			Mode Of Examination: Online <input checked="" type="checkbox"/> Offline <input type="checkbox"/>
Evaluator's Discretion: This is the marks awarded at the discretion of the evaluator based on your overall impression, on the basis of (but not limited to) your handwriting, presentation, use of diagrams, flowcharts, facts and figures or absolutely anything that he/she liked in your copy.			For Office Use Only
			ECN CODE:
			EG:
			Evaluation Date:

Note: You can discuss your evaluated copy with the Mentor. Raise a ticket from your portal to schedule a mentor call or visit the offline centre to meet mentor (all 7 days, Timings - 11 AM to 6 PM). Further if you are unsatisfied with the evaluation, you can seek re-evaluation of the copy.

Parameters	Excellent	Very Good	Good	Average	Poor	Very Poor
Language						
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Presentation						
Handwriting						
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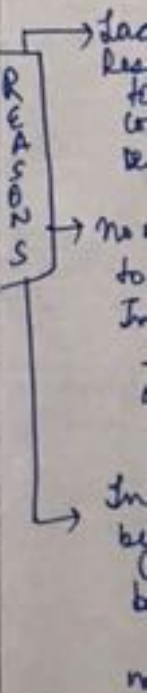
ADDITIONAL REMARKS

Q.1) The indivi
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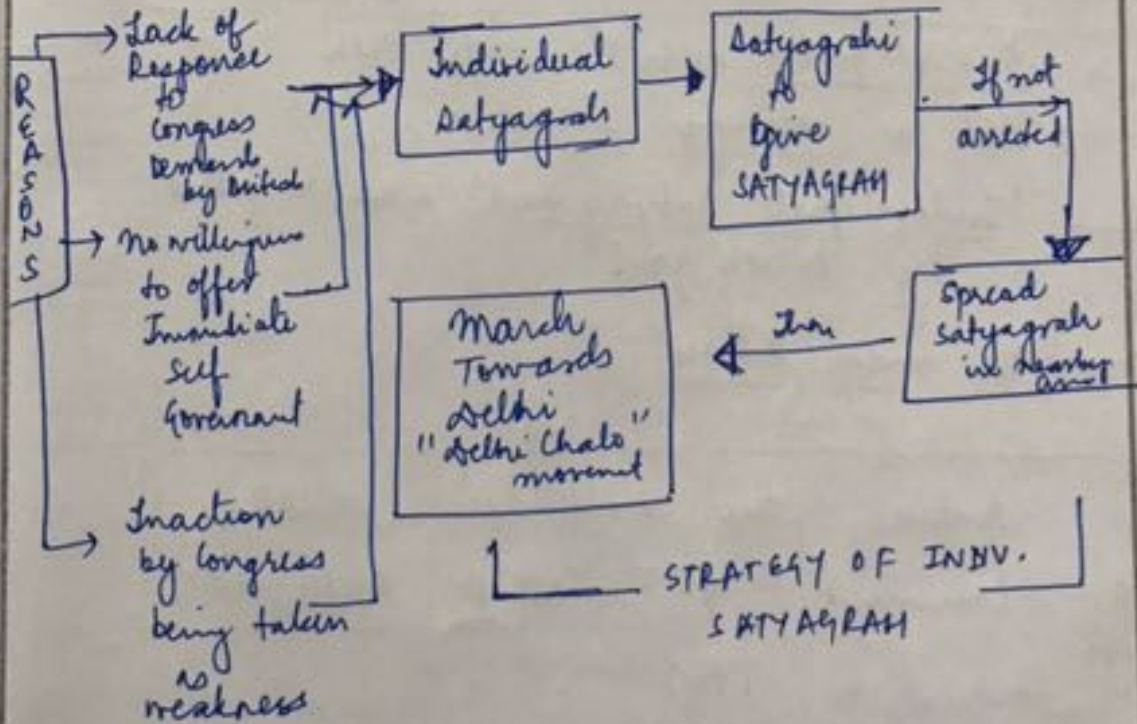
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Q.1) The Individual Satyagraha was not only a well thought out strategy by Mahatma Gandhi given the social and political conditions of that time, but it also set the stage for the Quit India Movement. Comment. (10 Marks, 150 words)

उस समय की सामाजिक और राजनीतिक परिस्थितियों को देखते हुए व्यक्तिगत सत्याग्रह न केवल महात्मा गांधी द्वारा एक सुविचारित रणनीति थी, बल्कि इसने भारत छोड़ो आंदोलन के लिए भी मंच तैयार किया। टिप्पणी करें। (10 अंक, 150 शब्द)

In the tumultuous backdrop of World War II, Gandhi launched Individual Satyagrah in 1940 and J.L. Nehru was the first one to offer Individual Satyagrah.

FIG 1: INDIVIDUAL SATYAGRAH: A WELL THOUGHT OUT STRATEGY

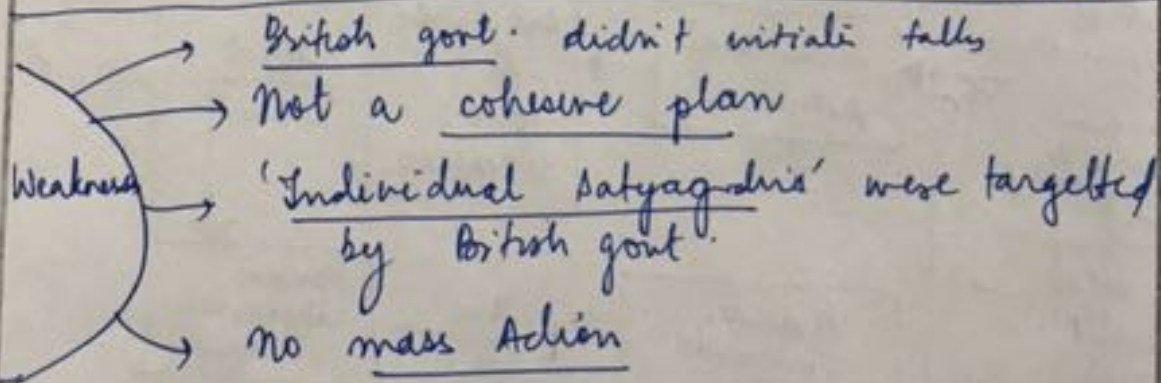


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It sets the stage for Quit India Movement

- 1) It gave immediate 'action point' to the eager nationalists who were frustrated by Congress inaction.
- 2) It gave a warning to the British of upcoming movement
- 3) Offered a chance for negotiation on issue of SELF GOVERNMENT and SWARAJYA.
- 4) Mobilised and enthused masses for upcoming revolution



Realising the weaknesses, Gandhiji finally launched QUIT INDIA RESOLUTION on August 8, 1942.

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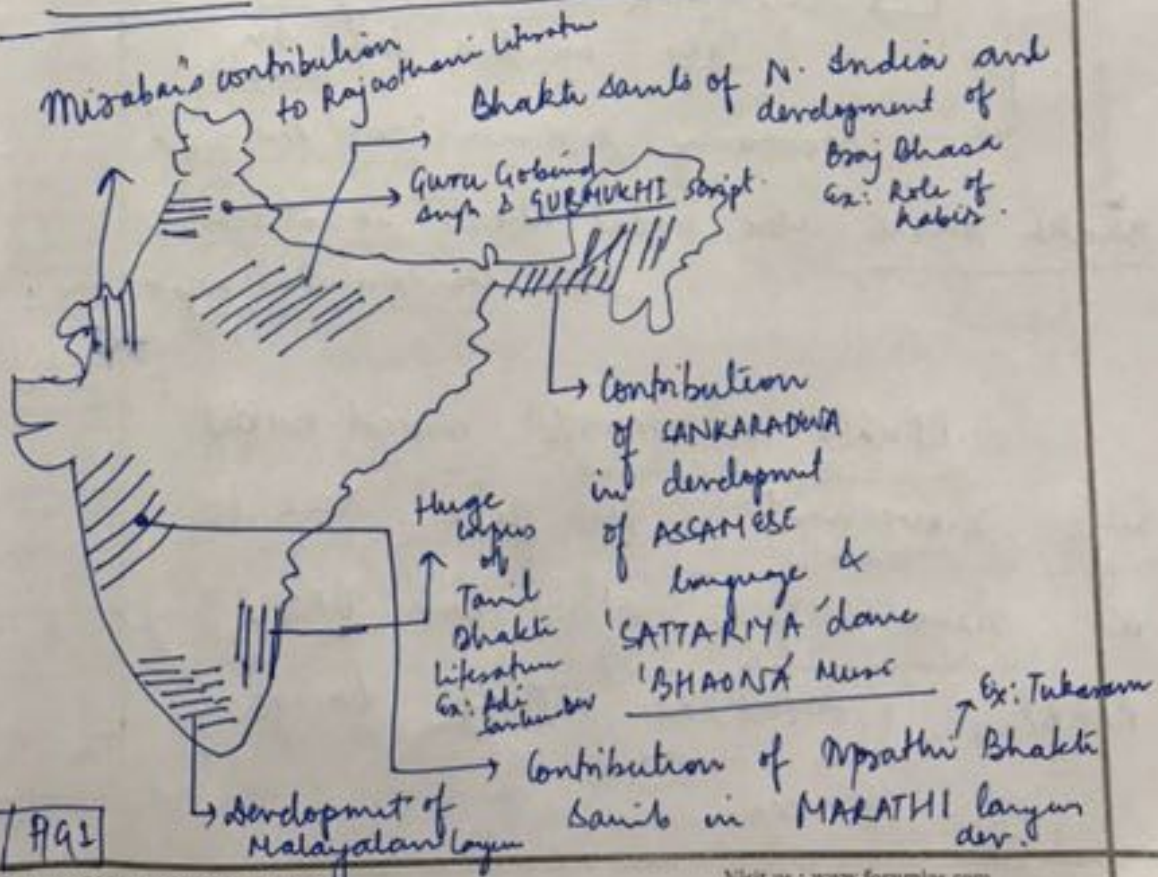
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Q.2) The contributions of Bhakti movement towards the development of a body of devotional literature in vernacular languages is as significant as its liberal social-religious teachings that had a moderating influence on medieval history. Discuss. (10 Marks, 150 words)

भक्ति आंदोलन का योगदान स्थानीय भाषाओं में भक्ति साहित्य के एक निकाय के विकास की दिशा में उतना ही महत्वपूर्ण है जितना कि मध्ययुगीन इतिहास पर इसकी उदार सामाजिक-धार्मिक शिक्षाओं का एक संयमित प्रभाव था। चर्चा करें।

(10 अंक, 150 शब्द)

The first and second phases of Bhakti Revolution played not only an important role in fighting social-religious evils plaguing Hinduism but also contributed immensely in literature and LINGUISTIC development



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VERNAEULAR languages

- development of Marathi language
- development of Braj Bhasa
- development of Malayalam

Literature

→ Kabir's 'Dohs'
 → 'Guru Granth Sahib' has teachings of Bhakti saints

Socio Economic Impact

- Emancipation of 'Lower Castes' for ill-practices of Hinduism
 - Increased accessibility to Gods by less focus on ritual
 - Decreasing Brahmanical stronghold
- Bhakti Saints: also vocal about social ills like untouchability.

Bhakti movement mixed with Sufi movement to give rise to a new corpus of Rekhta URDU (Rekhta) literature and language of masses.

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Q.3) Operation flood gave credence to Gandhian ideas of production by masses and village swaraj with far reaching impact for post independent India. Discuss the statement and highlight various reasons for success of operation flood. (10 Marks, 150 words)

स्वतंत्रता पश्चात भारत के दूरगामी प्रभावों के साथ दुग्ध क्रांति या ऑपरेशन फ्लड ने जनसमूह और ग्राम स्वराज द्वारा उत्पादन के गांधीवादी विचारों को बल दिया। इस कथन की चर्चा कीजिए तथा ऑपरेशन फ्लड की सफलता के विभिन्न कारणों पर प्रकाश डालिए। (10 अंक, 150 शब्द)

Operation Flood by Mr. Kurien was based on the Gandhian principles of cooperatives, also enshrined in Article 43B of our constitution.

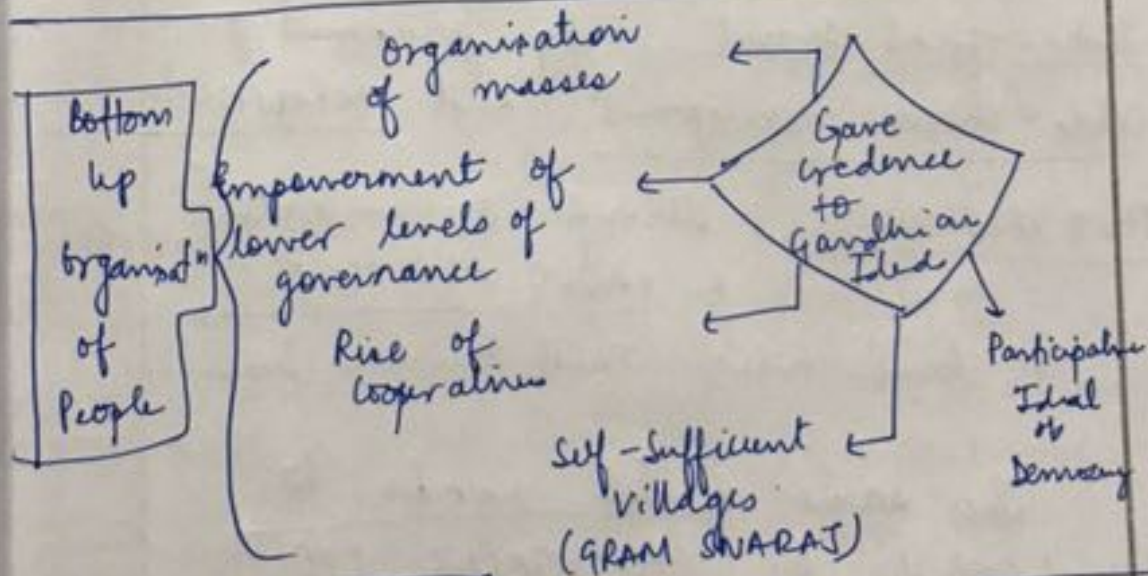
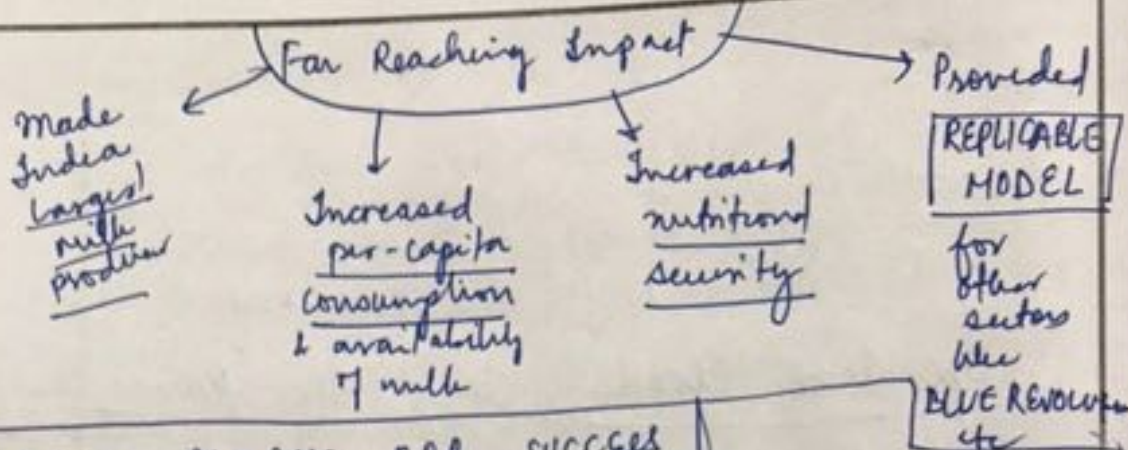


FIG 2 : OPERATION FLOOD AND GANDHIAN IDEALS

It immensely increased MILK PRODUCTION making India LARGEST MILK PRODUCER globally

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VARIOUS REASONS FOR SUCCESS

- 1) Involvement of milk producers
- 2) Elimination of MIDDLEMEN
- 3) Participative decision making: Ensured benefits accrue to them.
- 4) Technological support: By government for Cold-chain development and BREEDING
- 5) FOOD PROCESSING: Through various products & VALUE ADDITION
 ex: Anul cheese, Milk Powder, Icecream

The same model needs to be replicated by **EMPOWERING FPOs** in agricultural sector to double farmers Income as per **ASTOK DALWAI Committee**,

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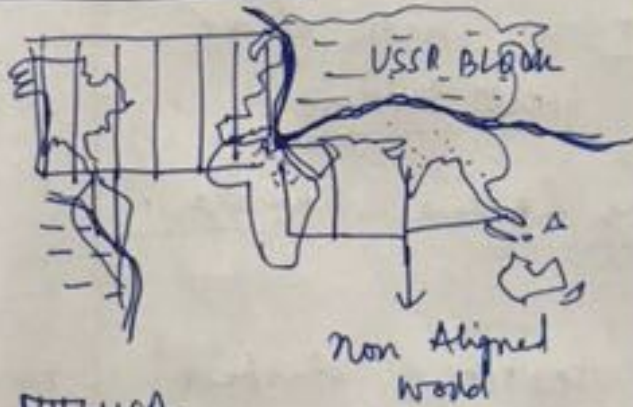
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Q.4) Cold war started after the second world war; however, its seed were sown right after the Russian Revolution 1917. Do you agree? (10 Marks, 150 words)

शीत युद्ध द्वितीय विश्व युद्ध के बाद शुरू हुआ; हालाँकि, इसके बीज 1917 की रूसी क्रांति के ठीक बाद बोए गए थे। क्या आप सहमत हैं? (10 अंक, 150 शब्द)

Post world war global order saw the world divided into two power groups, one led by USA and the other by USSR.



- USA
- ▭ USSR
- ▣ NAM

1947

POST WORLD WAR II GLOBAL ORDER

Worker class

② Rise of Anti Capitalist feeling in Russia as well as Globally.

Reasons were sown right after Russian Revolution:

① Rise of Communism

(1.1) Overthrow of Tsar by

③ POST REVOLUTION RUSSIA ANNOUNCED
COLONIALISM: renounced colonialism and
granted freedom to its colonies, against
the interests of Western Capitalistic world

However WWI intensified this

- ① USA & USSR rose as two
prominent powers with clear
decline of Great Britain.
- ② Rise of Strong Leaders like STALIN
in Russia
- ③ COMMUNISTIC IDEOLOGY started
spreading in newly Independent
nations alarming the Western
Capitalists

The seeds of Cold War sown in
1917, bore fruits post WWI
but died with COLLAPSE OF
USSR

Q.5) How does plate tectonic theory help in explaining the causes of earthquakes and volcanoes? Discuss and give an account of various volcanic landforms. (10 Marks, 150 words)

प्लेट विवर्तनिकी सिद्धांत किस प्रकार भूकंप और ज्वालामुखियों के कारणों की व्याख्या करने में सहायता करता है? विभिन्न ज्वालामुखीय भू-आकृतियों की चर्चा कीजिए और उनका विवरण दीजिए। (10 अंक, 150 शब्द)

Plate tectonic theory which developed post 1960s explains the origin of volcanoes and earthquakes through plate movements.



- PLATE BOUNDARIES
- - - DEEP ORIGIN EARTHQUAKES ACROSS MOR
- ... Shallow Earthquakes along plate boundary

FIG 1: PLATE BOUNDARIES & LOCATION of volcanoes & earthquakes

As per plate tectonic theory, the plate margins cause earthquakes by release

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of tension accumulated by plates pushing across each other.
Volcanoes are caused at plate boundary by submerging plates and their melting around BENIOFF WADATI zone. (FIG 2)

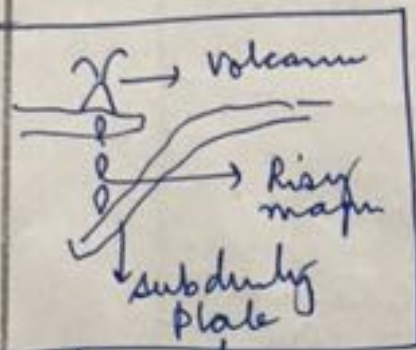


FIG 2

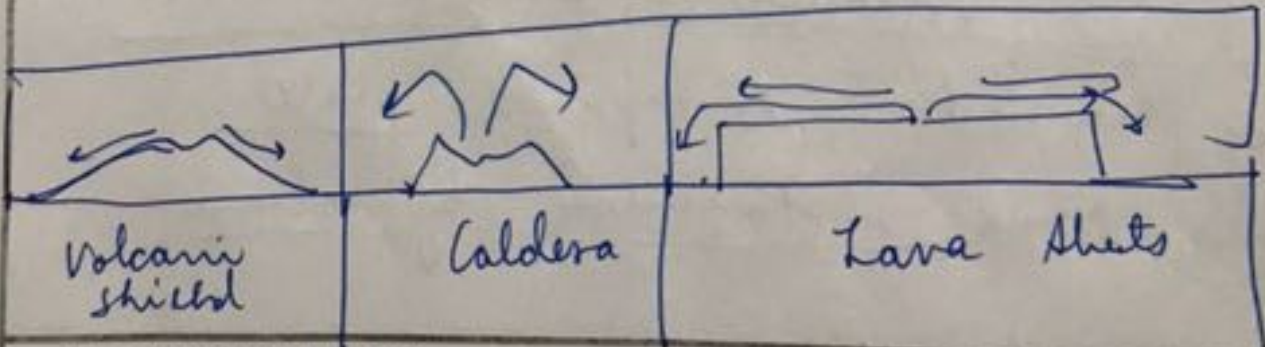
Different Volcanic Landform

(1) Volcanic shield: Formed by smooth flowing lava

(2) CRATERS & CALDERA: formed by explosive eruption of volcano
 breaky mouth

(3) Lava sheets: By very smooth flowing lava across kilometers

(4) Hotspots and related Lava Flow



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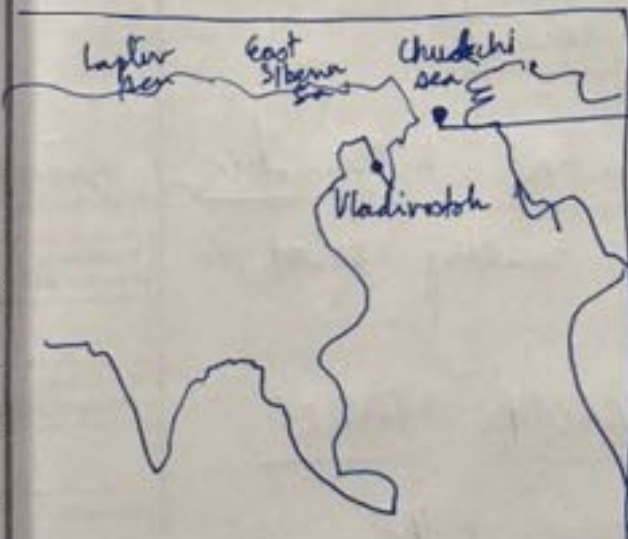
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Q.6) The growing interest of India in Russian Far East is not only economic but also strategic. Examine. (10 Marks, 150 words)

रुस के सुदूर पूर्व में भारत की बढ़ती दिलचस्पी न केवल आर्थिक है बल्कि रणनीतिक भी है। परीक्षण करें। (10 अंक, 150 शब्द)

India recently Invested \$1 billion in Russian Far East Region of Vladivostok through Eastern Economic Council

FGI Economic Interests in Far East



- ① Huge Natural Gas Reserves
- ② Huge Oil Reserves on Bering Strait continental shelf
- ③ Fishing Resources with much Arctic
- ④ Huge Uranium Reserves of Kuznetsov

However interests are strategic as well

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(1) Melting Arctic Ocean!

- New Sea Routes
- TERRA NULLIUS.

(2) China's POLAR SILK ROUTE:

- ↳ Indian presence to counter that

(3) INCREASING RUSSIAN Engagement:

- ↳ To balance Russia's engagement with China.

(4) Increasing global interest in Arctic Region and Arctic Council.

(5) Important environmental & climate impacts as well, on melting polar ice

India's OBSERVER STATUS
in Arctic Council since 2008,
also strengthening its role in
ARCTIC REGION

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Q.7) It was not till the 1990s that stubble burning practices emerged as a widespread practice in the farming community. Elaborate on the factors for the same. Evaluate the effectiveness of the government measures that have been taken to contain the practice. (10 Marks, 150 words)

1990 के दशक तक पचासी जलाने की प्रथा कृषक समुदाय में एक व्यापक प्रथा के रूप में सामने नहीं आती थी। इसके लिए उत्तरदायी कारकों का विस्तृत वर्णन करें। इस प्रथा को नियंत्रित करने के लिए उठाए गए सरकारी उपायों की प्रगतिशीलता का मूल्यांकन करें। (10 अंक, 150 शब्द)

The annual paddy stubble burning has become a major environment concern with Supreme Court mandated EPA launching a GRADED ACTION PLAN for it.

Reasons for Rise post 1990s

① Green Revolution's Impact
↳ wheat - paddy cycle promoted.

② Declining Labor
↳ Increasing labor cost post 1990s due to increasing living standards.

③ Punjab Government Act on Water Usage: restricts

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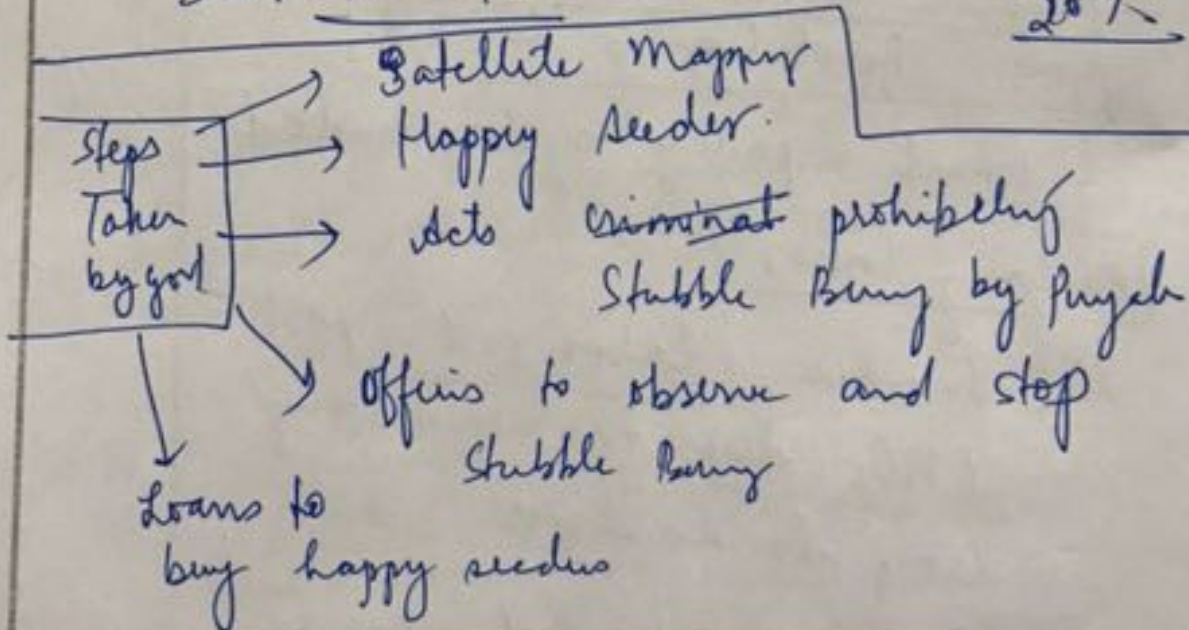
sowing of wheat paddy before announced date.

This shortens ^{inter} cycle ^{time} available to farmers.

④ Declining government support to agriculture post liberalisation.

↳ Less resources, cheaper to burn

⑤ Declining productivity in agriculture.
Share in GDP declined to less than 20%



Further technological innovation must to solve the

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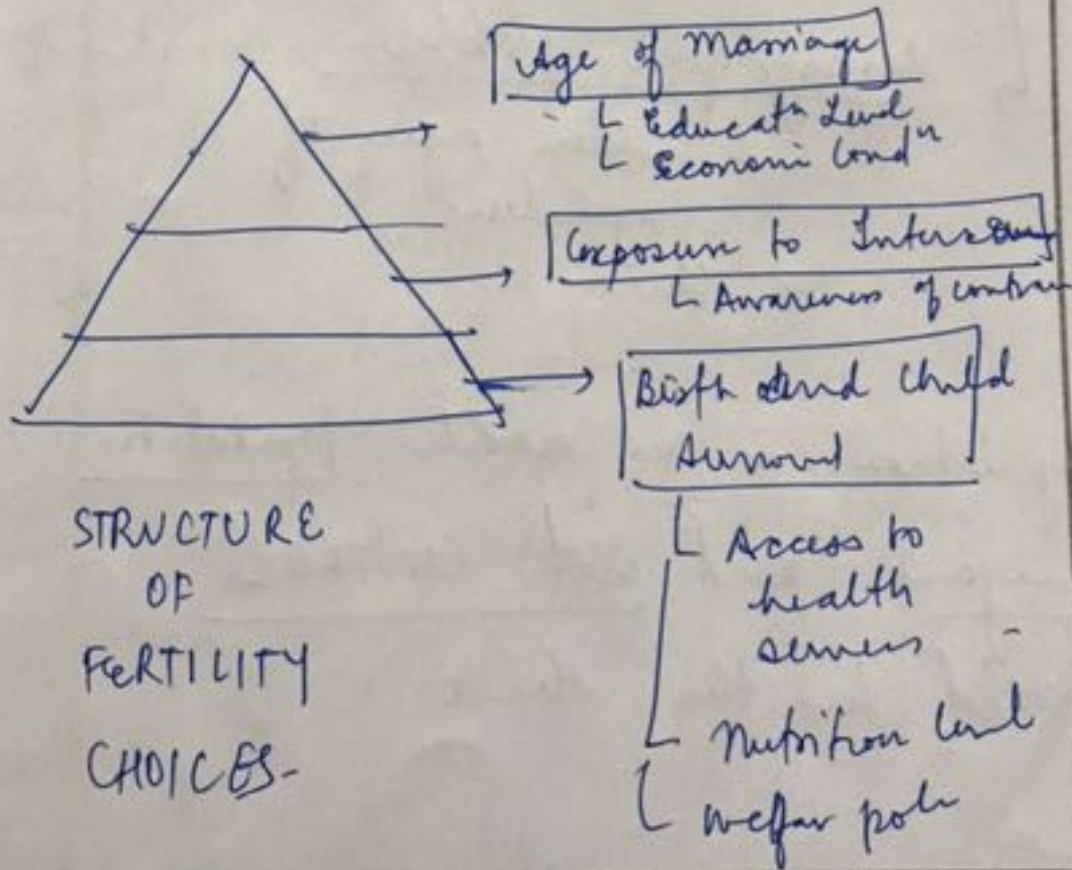
Q.8) Fertility behavior of couples is a calculus of conscious choices; hence, solution to population control lies in expanding choices and not in coercive state policies. Give your opinion.

(10 Marks, 150 words)

दम्पतियों का प्रजनन व्यवहार संघटित विकल्पों की गणना है, इसलिए, जनसंख्या नियंत्रण का समाधान विकल्पों के विस्तार में निहित है, न कि राज्य की दमनकारी नीतियों में। अपना तर्क दीजिये। (10 अंक, 150 शब्द)

Fertility is a socio-economic choice guided by a mix of factors as per Ther Jones & as as NFHS & shru

Fertility Behaviour a conscious choice



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Thus, as above figures show host of factors contribute to fertility change

Legal Coercive Actions not a solution

- Sex Selective Abortion
- Compromises Reproductive Rights
- Compromise Bodily Autonomy
- Demographic problems
 - ↳ sudden aging of population
 - ex: China

Population is an asset, Population Management and not CONTROL should be the thrust.

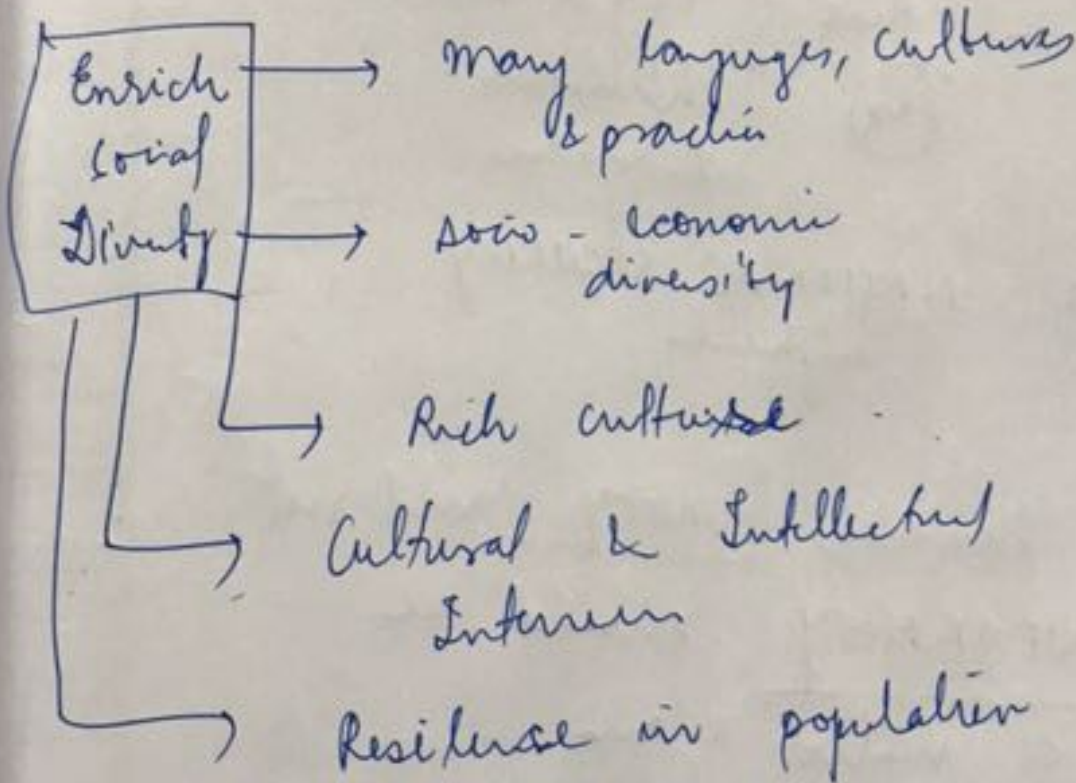
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Q.9) In your opinion, whether regional identities enrich the societal diversity or dilute national identity? Justify (10 Marks, 150 words)

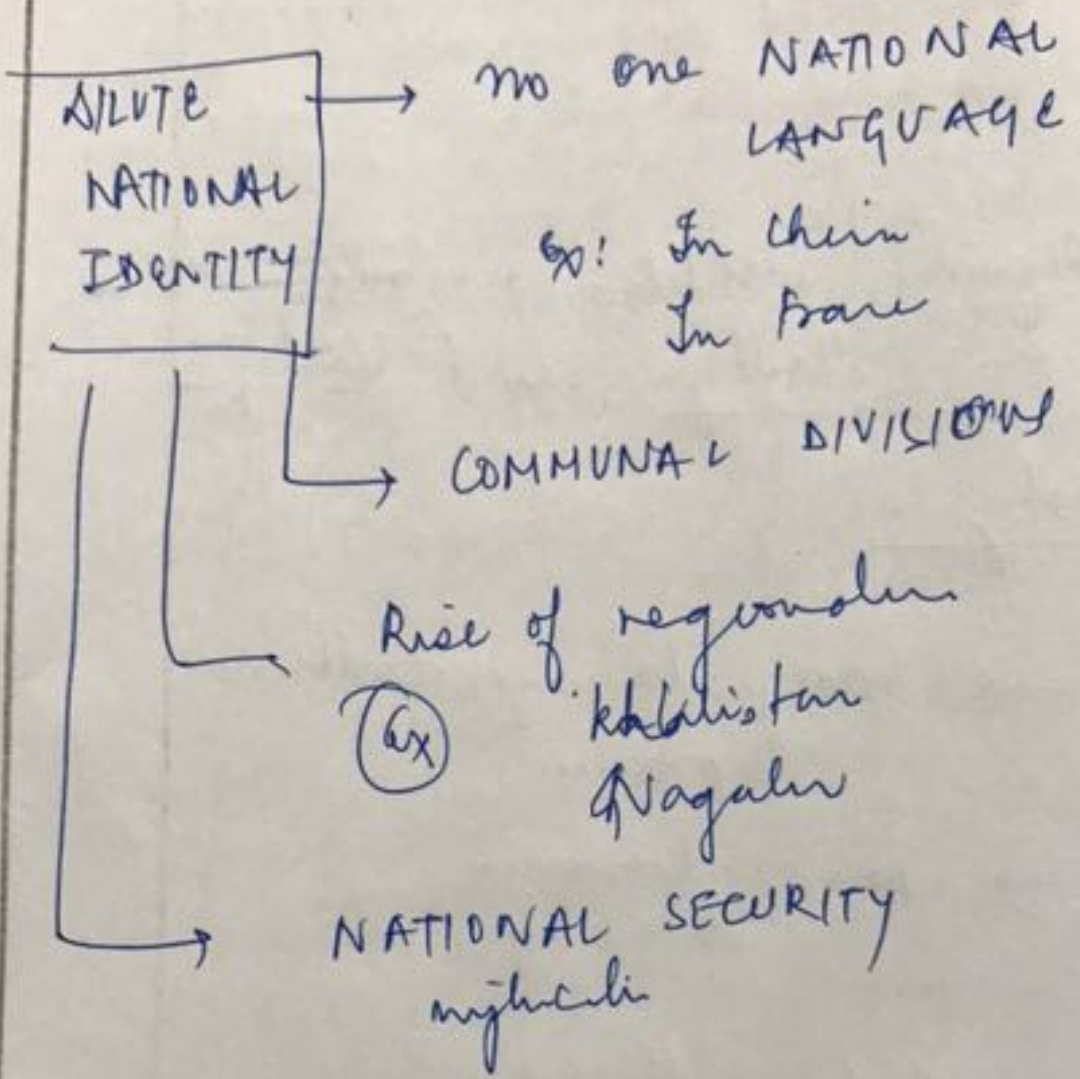
आपकी राय में, क्या क्षेत्रीय पहचान सामाजिक विविधता को समृद्ध करती है या राष्ट्रीय पहचान को कमजोर करती है? औचित्य सिद्ध करें। (10 अंक, 150 शब्द)

Regional Identities provide diversity in Unity and Unity in Diversity



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However, UNITY and not UNIFORMITY should be a nation's aim

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Q.10) Explaining the concept of patriarchal bargain, discuss how patriarchy denies opportunity for development to women in overt and covert ways. (10 Marks, 150 words)

पितृसत्तात्मक सोदेबाजी की अवधारणा की व्याख्या करते हुए, चर्चा करें कि पितृसत्ता प्रकट और गुप्त तरीके से महिलाओं के विकास के अवसर को कैसे नकारती है। (10 अंक, 150 शब्द)

Patriarchal setup gives
birth to and ingenders
women subversion

COVERT
WAYS

→ Limited autonomy

→ Roles based in
name of culture

Cultural Subjigati

ex: Tameles fasting for
boys

Propensity for male
child

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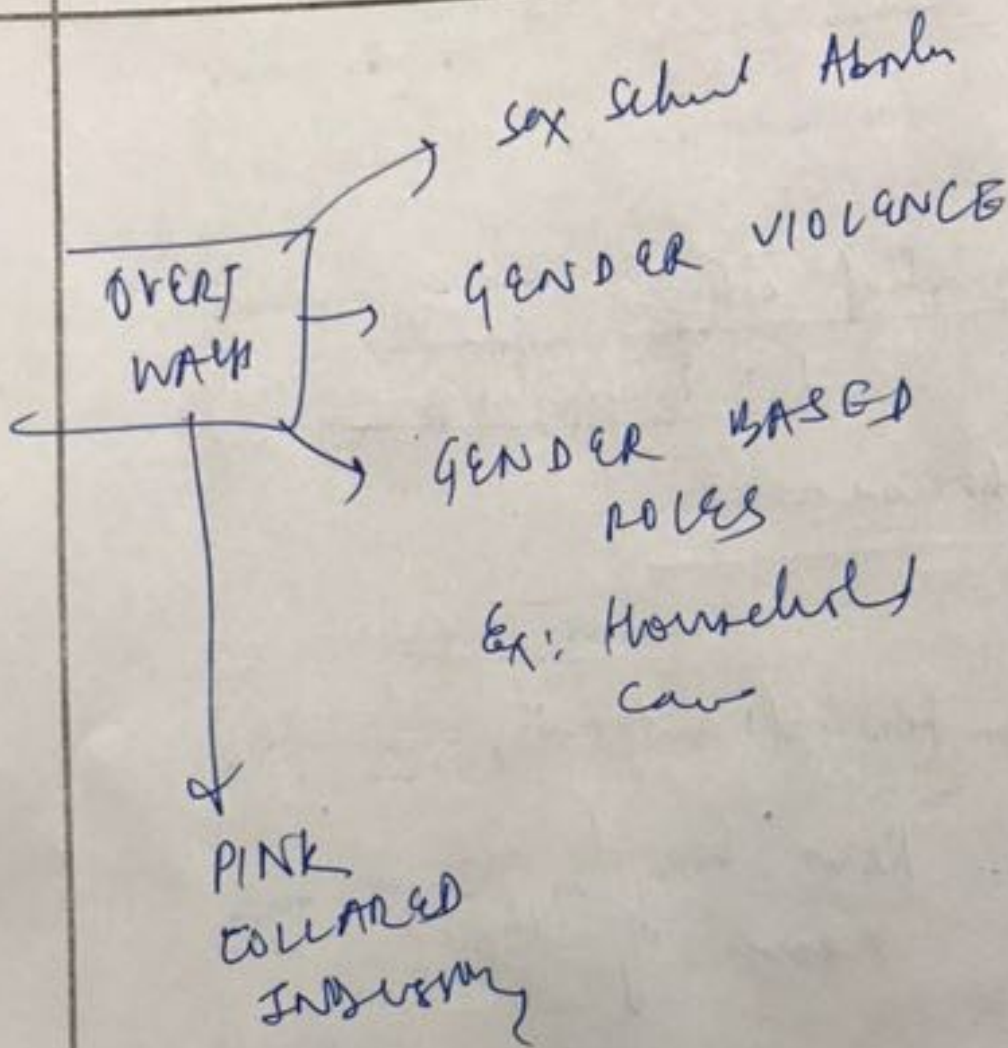
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Q.11) Indian nat
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Q.11) Indian national movement was not only a domestic affair of the Indian subcontinent, rather it was an international affair that extended beyond her shores. Elaborate. (15 marks, 250 words)

भारतीय राष्ट्रीय आंदोलन न केवल भारतीय उपमहादीप का घरेलू मामला था, बल्कि एक अंतरराष्ट्रीय मामला था जो उसकी सीमा के परे भी विस्तारित था। विस्तृत वर्णन करें। (अंक 15, शब्द 250)

Indian National Movement was an international affair that was shaped by international forces and in return it shaped international politics - economic scenario.

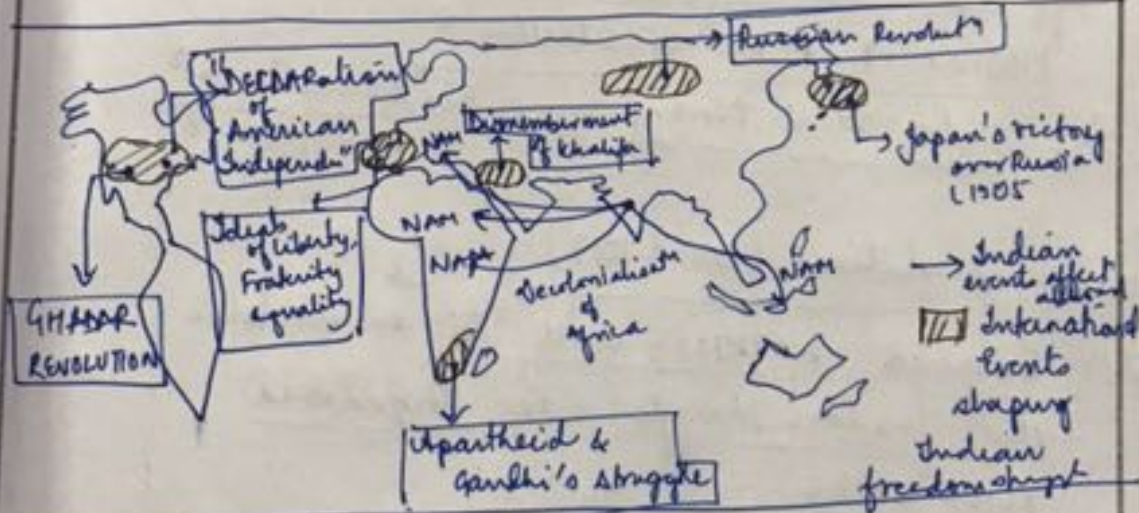


FIG 1 INDIAN NATIONAL MOVEMENT & INTERNATIONAL AFFAIRS

Fig(2) shows various events of modern history (18th century onwards) that made Indian Independence an international affair.

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International Events Affecting Indian Struggle

(1) American War of Independence and French Revolution: (1765-1773) and (1779) respectively

1.1) affected the socio-religious reformation movement. Ex: Raja Ram Mohan Roy

1.2) Ideals of "liberty, equality, fraternity" affected Indian middle class and

MODERATE PHASE OF STRUGGLE

Ex: Dada Bhai Naoroji and his "Drain Theory"

(2)

(2) Russian Revolution (1905 & 1917):

(2.1) Inspired WORKING CLASS to ^{set} involve in the freedom struggle. Ex: Ahmedabad MILL STRIKE.

(2.2) Also inspired REVOLUTIONARY PHASES of (1905-1909) and (1920-1930)

(3) Japan's victory over Russia (1905-1907)

(3.1) Inspired PRIDE and BELIEF among Indian to rally against WESTERN power

(PTO)

(1)

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(Don't Write anything in this Area)

(4) APARTHEID IN SOUTH AFRICA

(A.1) A large Indian DIASPORA was impacted -

(A.2) GANDHIJI rose up with his SATYAGRAM that shaped entire Indian freedom struggle

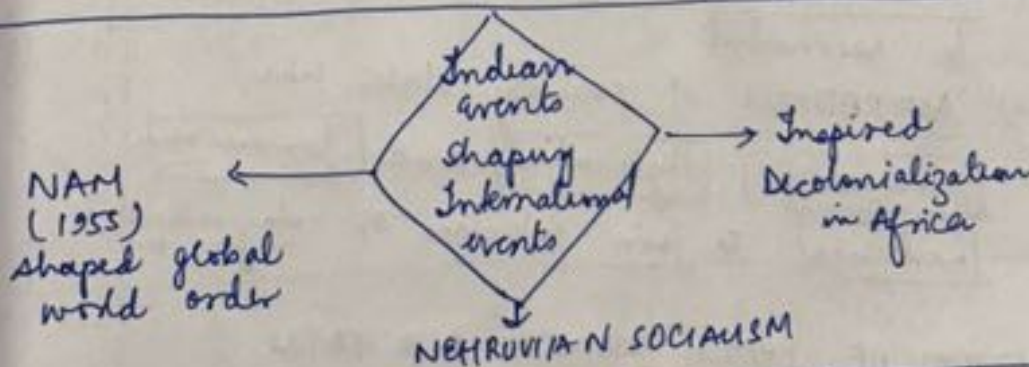
(5) WORLD WAR I & DISMEMBERMENT OF OTTOMAN EMPIRE

B.1) Hindu - Muslim unity

- Congress Muslim League pact (1916)
- Congress Khilafat - Non Cooperation movement (1919-1921)

(6) INDIAN FREEDOM STRUGGLE SHAPED BY INTERNATIONAL ASSOCIATIONS & ZIMMERMAN PLAN

- ↳ BERLIN HOUSE -
- ↳ GHADAR PARTY (USA) - Madan Lal Dhingra etc
- ↳ INDIA HOUSE (LONDON) - Shyamji Krishna Verma



This international interaction in freedom struggle has MADE INDIA A KEY GLOBAL PLAYER in CONTEMPORARY GLOBAL ORDER

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Question Interpretation
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Value Addition
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Q.12) The reconciliation of divergent voices and visions was the greatest challenge for emergence of a united India after the independence. Discuss. How were these challenges resolved? (15 marks, 250 words)

आजादी के बाद अखंड भारत के उदय के लिए अलग-अलग आवाजों और दृष्टिकोणों का मेल सबसे बड़ी चुनौती थी। चर्चा करें। इन चुनौतियों का समाधान कैसे किया गया? (अंक 15, शब्द 250)

British ruled India with the policy of 'DIVIDE AND RULE' and left this legacy in the form of a divided India.

DIFFERENT VOICES AND VISIONS POST INDEPENDENCE

(1) NUMEROUS PRINCELY STATES

(1.1) India on eve of Independence had ~550 princely states that needed to be reconciled.

(1.2) ASPIRATIONS of princely states like Junagarh, Hyderabad and Jammu and Kashmir to join Pakistan or stay independent.

(2) INTEGRATION OF BRITISH PROVINCES AND STATES

(2.1) Consolidation into viable ADMINISTRATIVE Units

(PTO)

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(Don't Write anything in this Area)

(Don't Write anything in this Area)

(3) DEMAND FOR LINGUISTIC STATES:

β.V Arise soon after independence especially from 'ANDHRA PRADESH'

(4) COMMUNISM AND COMMUNIST PARTIES:

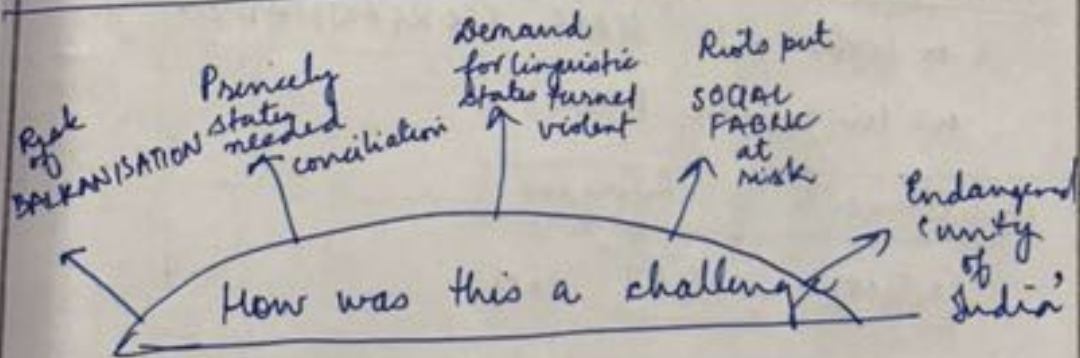
(4.1) The CPI expanded its reach through farmer rebellions in Andhra region

(4.2) Refused to accept the 'elected government'

(5) RELIGIOUS & COMMUNALISM

(5.1) Bitterness in HINDU & MUSLIM VOICES

(5.2) HINDU-MUSLIM RIOTS



It was in this backdrop the SARDAR PATEL'S STATEMANSHIP and NEHRU'S VISION helped overcome them.

RESOLUTION OF THESE CHALLENGES

① Sardar Patel's Role

Unification of all princely states
 → (PRIVY PURSES)
 Through Reconciliation, military
action (HYDERABAD), PLEBISCITE
 (Jammu & Kashmir)

② NEHRU'S SOCIALISM

Nehrvian socialism to replace
capitalistic economy and CONCILIATE
WORKING CLASS

③ FAZL ALI COMMISSION, JVP COMMISSION

to look into STATE REORGANISATION
 on linguistic basis

④ Resettlement of Refugees

[NEHRU-LIAGAT] pact

Some of the challenges were
resolved instantly, while others linger
on even now like the "Communist-
-Marxist" Revolution in form of
 NAXALISM

ForumIAS

(Don't Write anything in this Area)

Q.13) Real-politick of Bismarck was a result of dogged pursuit of national interests with an objective evaluation of the political situation of the time. In the light of the given statement, discuss the strategies employed by Bismarck to leverage the prevalent conditions in favour of German unification. (15 marks, 250 words)

बिस्मार्क की वास्तविक राजनीति उस समय की राजनीतिक परिस्थिति के वस्तुनिष्ठ मूल्यांकन के साथ राष्ट्रीय हितों की हठधर्मिता का परिणाम थी। दिए गए कथन के आलोक में, जर्मन एकीकरण के पक्ष में प्रचलित परिस्थितियों का लाभ उठाने के लिए बिस्मार्क द्वारा नियोजित राजनीतियों पर चर्चा करें। (अंक 15, शब्द 250)

The first half of 20th century saw rise of real-politicks in WESTERN EUROPE in the likes of HITLER, MUSSOLINI and BISMARCK.

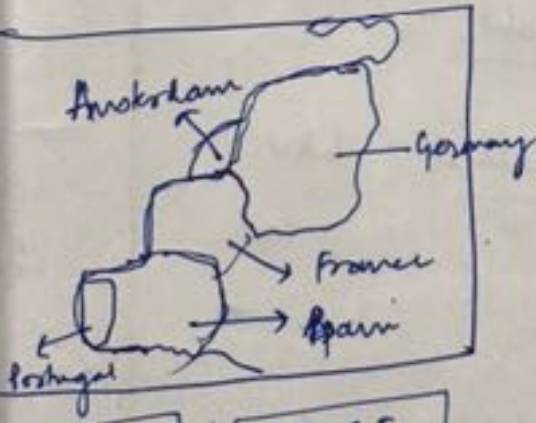


FIG 1 MAP OF GERMANY

BISMARCK'S REAL POLITIK as a result of NATIONAL INTERESTS

→ Rise of concept of 'Nation State'
 → adversarial relations with neighbours France, Great Britain etc.

Feedback (For OFFICES)
Structure/Presentation
Question Interpretation
Content
Value Addition
Total

Political Situation

- Rise of FASCISM.
- International instability through
repeated wars among
EUROPEAN POWERS.

Strategies Employed

- Real - Politik
- Military conquests
- Treaties with allies like
Italy,
- Aggressive (HAWKISH) policies
 - attacks on France
and UK.

These policies earned BISMARCK the title of IRON MAN of the world -

Feedback

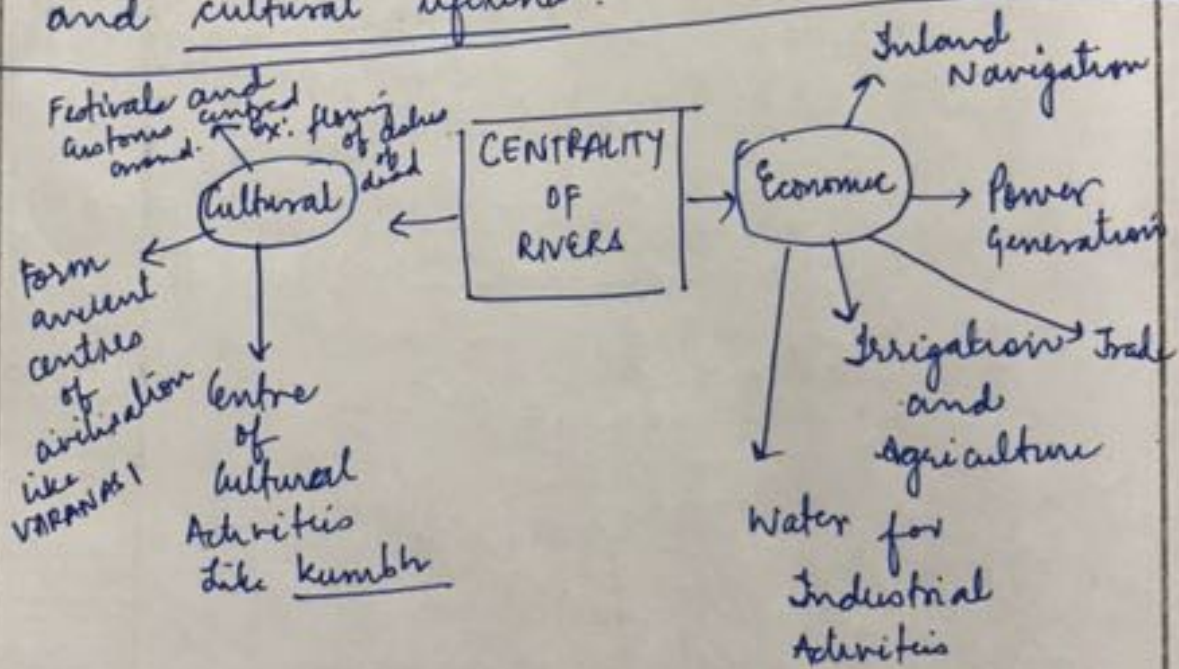
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Structure/ Presentation
Question Interpretation
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Value Addition
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Q.14) Centrality of rivers to cultural and economic activities also make them vulnerable to pollution and overexploitation. Enumerate various reasons for river pollution in the country. Why have successive government efforts failed to make significant dent in river pollution problem? (15 marks, 250 words)

सांस्कृतिक और आर्थिक गतिविधियों के लिए नदियों की केंद्रीयता भी उन्हें प्रदूषण और अत्यधिक दोहन के प्रति संवेदनशील बनाती है। देश में नदी प्रदूषण के विभिन्न कारणों का उल्लेख कीजिए। नदी प्रदूषण की समस्या में महत्वपूर्ण संघ लगाने में सरकार के लगातार प्रयास क्यों विफल रहे हैं?

Rivers 10,000 rivers crossing
Indian Subcontinent form its economic
and cultural lifelines.



(Fig 2) : CENTRALITY OF RIVERS IN CULTURAL & ECONOMIC ACTIVITIES

VARIOUS REASONS FOR POLLUTION(1) Industrial waste Discharge: (POINT SOURCE)

(1.1) Main reason for pollution of Ganga around Kanpur, Yamuna around Delhi, MITHI RIVER, (Mumbai)

(2) Solid waste from Cities: (NON-POINT)

(2.1) ~80% of sewage water flows into Ganga untreated around Kanpur stretch

(3) Cultural Activities (NON POINT SOURCE)

(3.1) Idol submergence post GANPATI etc. festivals.

(3.2) Discharge of wastes ashes of dead, flowers, clothes etc.

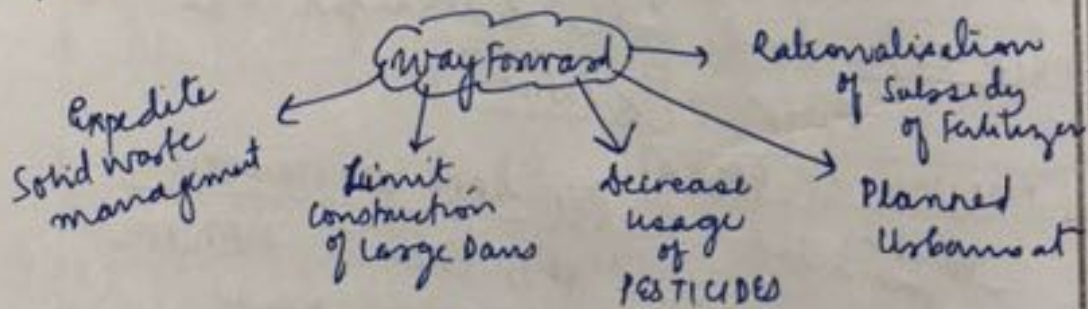
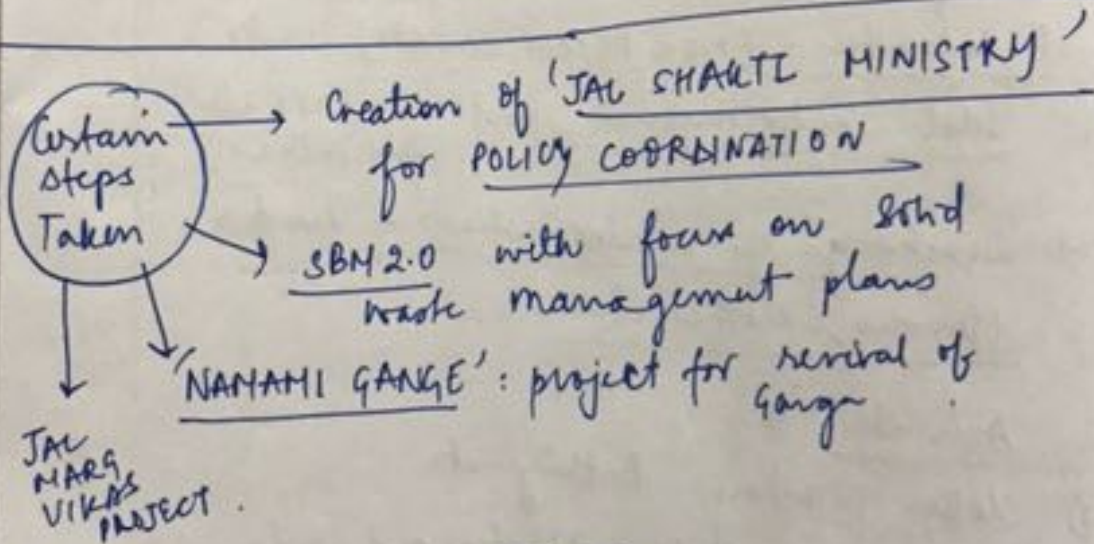
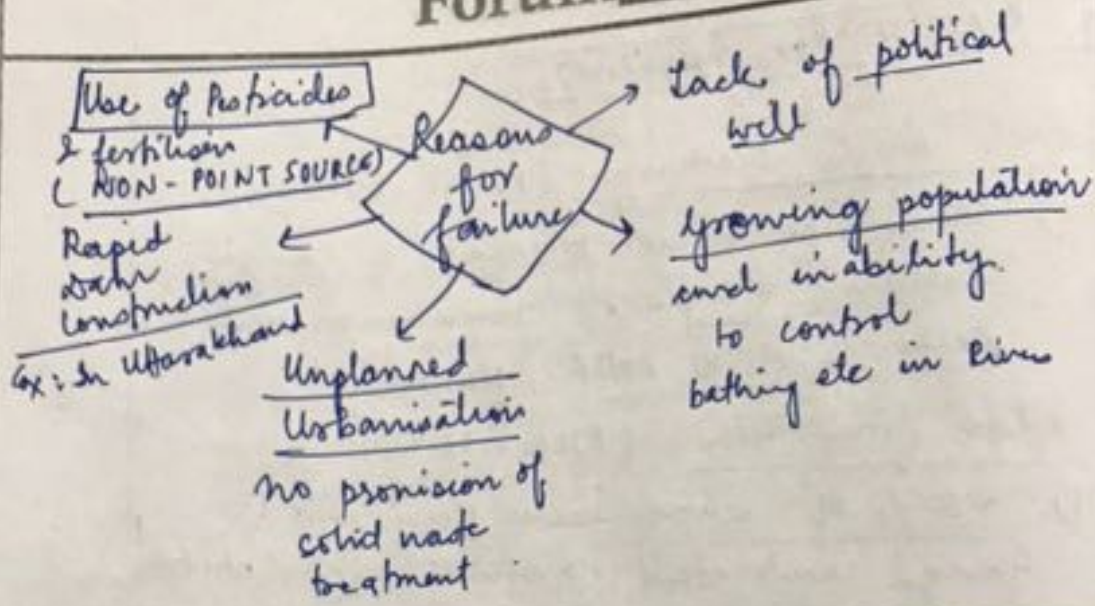
(4) Daily Activities &

(4.1) cloth washing, Bathing etc.

COVID-19: dead bodies discharged into Rivers - Gx Patna

FIG 2 POLLUTION OF GANGA(5) DAM CONSTRUCTION:

(5.1) Obstructs NATURAL FLOW and NATURAL CLEANING CAPACITY of water



This will help India meet its SDG - 17.

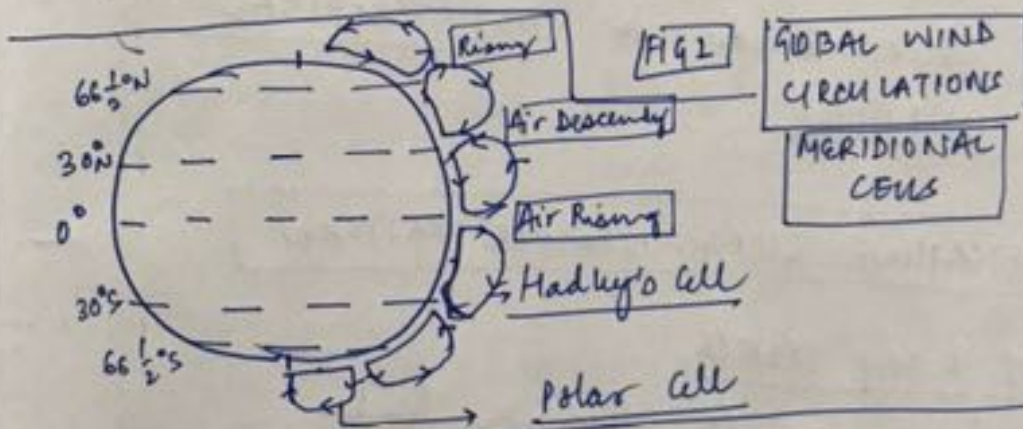
Feedback (For OFFICE)
Structure/ Presentation
Question Interpretation
Content
Value Addition
Total

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Q15) Closed wind circulations in the form of cells aid and abate transportation of heat in atmosphere as well as determine the global weather pattern. Explain. (15 marks, 250 words)

कोशिका या सेल के रूप में बंद वायु का परिसंचरण वातावरण में ऊष्मा के परिवहन में सहायता और उसको न्यून करने के साथ-साथ वैश्विक मौसम पैटर्न को भी निर्धारित करता है। वर्णन करें। (अंक 15, शब्द 250)

The global wind circulations have been found to occur as closed cells. Many geographers like HADLEY have studied such cells and their impacts.



They aid Transportation of heat

- ① Help in Transportation of heat from Equator to Poles
- ② Help in maintainig OVERALL HEAT BUDGET of the earth

(3) Transportation of Heat from Equator makes it less warmer than it would be otherwise

They ABATE Transportation of heat

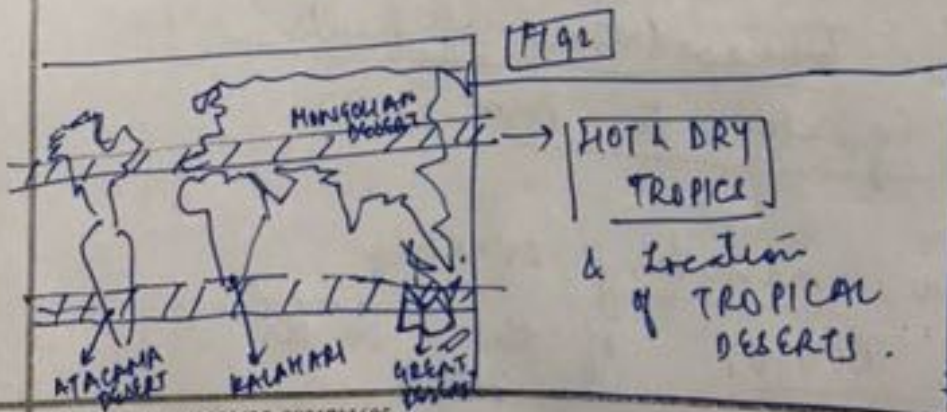
(1) DESCENDING LIMBS of cells obstruct rising of air by creating ANTI-CYCLONIC conditions.

(2) This leads to HOT TROPICAL CONDITIONS.

They DETERMINE GLOBAL WEATHER PATTERN

(4) HOT & DRY TROPICS

- (1) Due to descending limbs.
- (2) No rainfall (E(92))



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(Don't Write anything in this Area)

(2) These upper air circulations : generate polar VORTEX & JET STREAMS and affect UPPER AIR ATMOSPHERE as well as weather on EARTH

(ex:) Upper air WESTERLY JET STREAM bringing WESTERN DISTURBANCES from Mediterranean.

(3) TROPICAL EASTERLY JET STREAM
↳ Affect S. Asian Monsoon Cycle and MONSOON TROUGH

(4) TRADE WINDS : The lower part of HADLEY CELL impact tropical weather conditions by causing ONSHORE RAINS

(5) WESTERLIES of subtropics impact water masses
ex: WEATHER PATTERN of UK with year-long rains

Thus these wind circulations impact and heat distribution & WEATHER PATTERN can impact CLIMATE CHANGE these too.

Feedback
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Structure/ Presentation
Question Interpretation
Content
Value Addition
Total

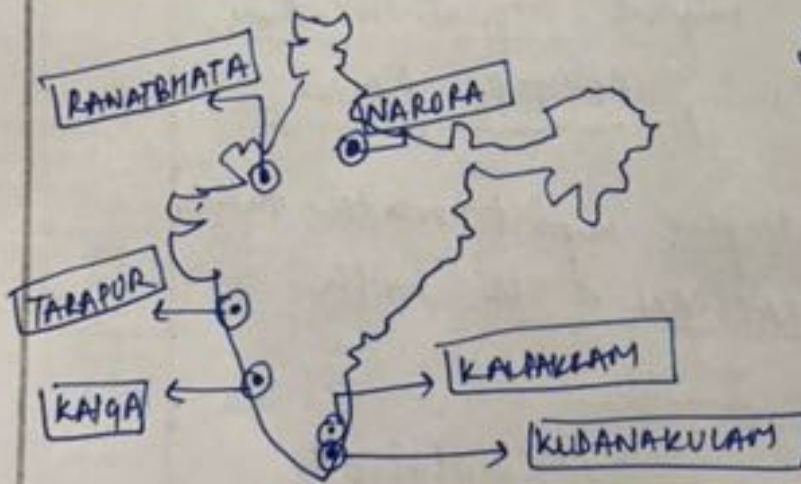
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Q.16) Highlight the factors that determine location of nuclear power plants. Also, discuss the challenges and significance in development of nuclear energy in the country, keeping in mind India's climate action commitments at COP 26, Glasgow. (15 marks, 250 words)

परमाणु ऊर्जा संयंत्रों के स्थान का निर्धारण करने वाले कारकों पर प्रकाश डालिए। इसके अलावा, सीओपी 26, ग्लासगो में भारत की जलवायु कार्यवाही प्रतिबद्धताओं को ध्यान में रखते हुए, देश में परमाणु ऊर्जा के विकास में चुनौतियों और महत्व पर चर्चा करें। (अंक 15, शब्द 250)

Currently, India's NUCLEAR POWER PRODUCTION is around 79W and constitutes less than 1% of its power mix.

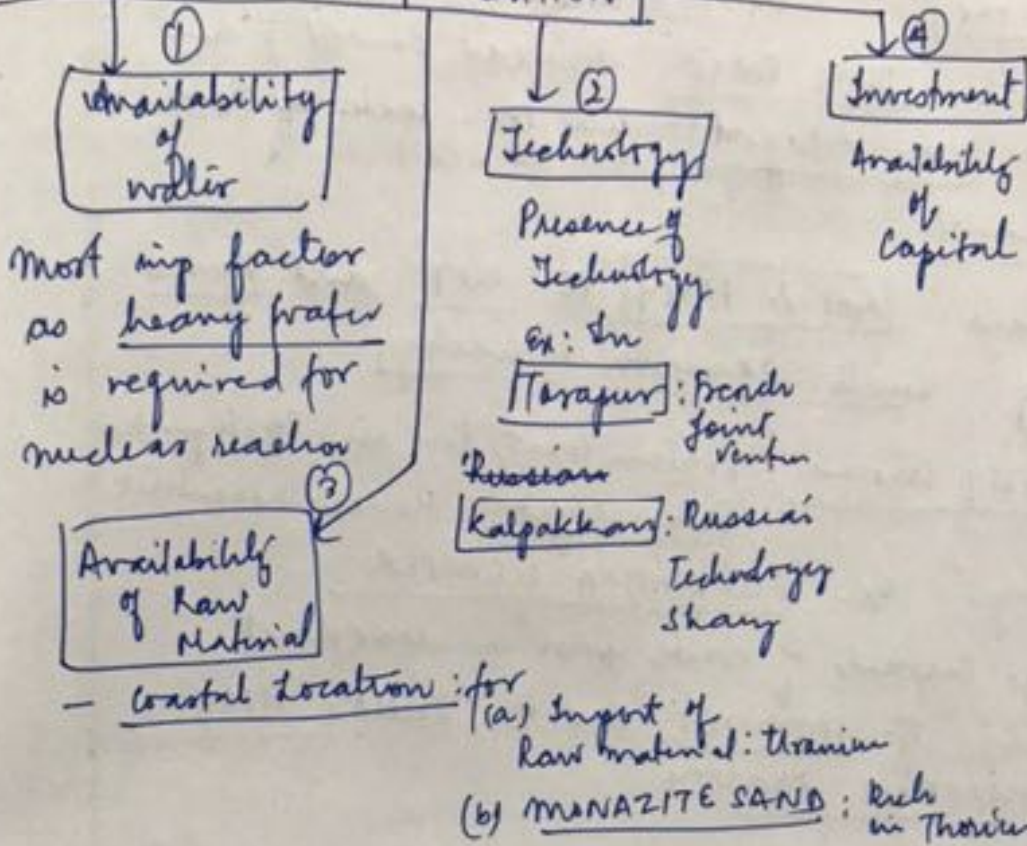
FIG 1 Location of Imp. Nuclear Power Plants in India



The distribution of nuclear power plants in India is skewed towards western coast.

Several factors impact the distribution of nuclear power plants.

FACTORS IMPACTING LOCATION

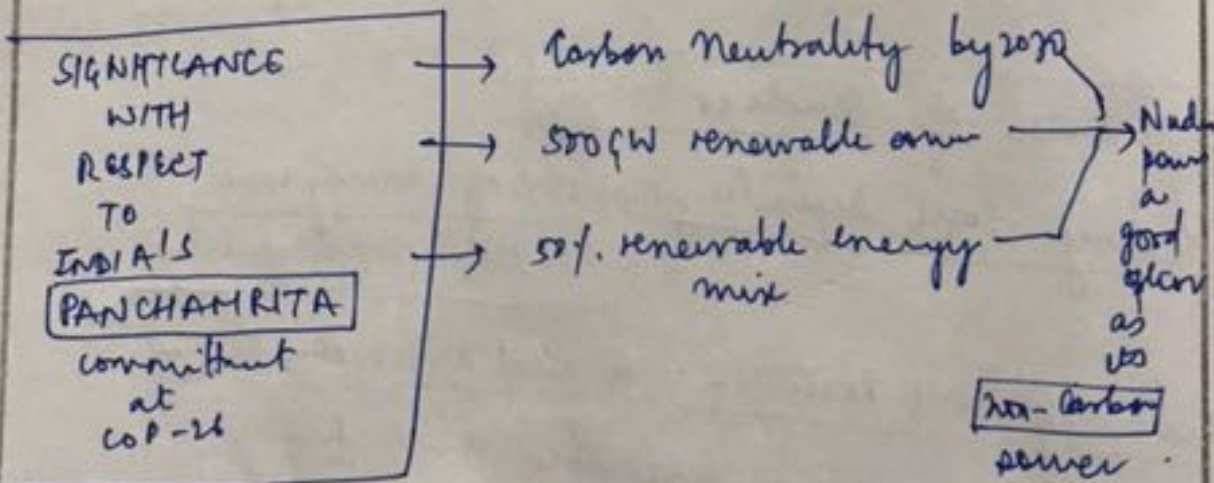


Significance of Nuclear Energy

- ① Heavy Coal Dependency (1.2) 750% of energy met
750% of power generated
- ② Declining Coal Reserves: a NON RENEWABLE Resour.
- ③ Nuclear Energy: a Renewable and highly energy dense source.
- ④ Increasing pollution: India's COAL: HIGH PLY ASH content.
- ⑤ Dependence on Coal Imports & impact on BOP:

Challenges

- (1) India's THREE STAGE nuclear power plan has been delayed due to lack of Raw material.
- (2) India NOT A PARTY to NPT and hence NSG : limits access to technology.
- (3) SAFETY concerns: western coast lies in Earthquake prone region, hence accident charges - Ex: FUKUSHIMA DISASTER
- (4) Safe Disposal of waste from nuclear plant
- (5) Safety of CITIZEN'S due to INDIA'S HIGH POPULATION DENSITY



India must increase its use of NUCLEAR TECHNOLOGY to meet COP-26 obligation and try for access to NSG.

Feedin (For OFFICE)
Structure/ Presentation
Question Interpretation
Content
Value Addition
Total

Q17) The Covid-19 crisis has highlighted the need to broaden public discourse for mainstreaming the so far neglected issue of mental health. Discuss this statement and highlight the role of family and society in dealing with mental health issues.

(15 marks, 250 words)

कोविड-19 संकट ने मानसिक स्वास्थ्य के अब तक उपेक्षित मुद्दे को मुख्यधारा में लाने के लिए सार्वजनिक शायद को जागरूक बनाने की आवश्यकता पर प्रकाश डाला है। इस कथन की रचना कीजिए और मानसिक स्वास्थ्य के मुद्दे से निपटने में परिवार और समाज की भूमिका पर प्रकाश डालिए।

(अंक 15, शब्द 250)

In India <1% of Total HEALTH BUDGET is spent toward mental Health (Source: National Health Accounts data).

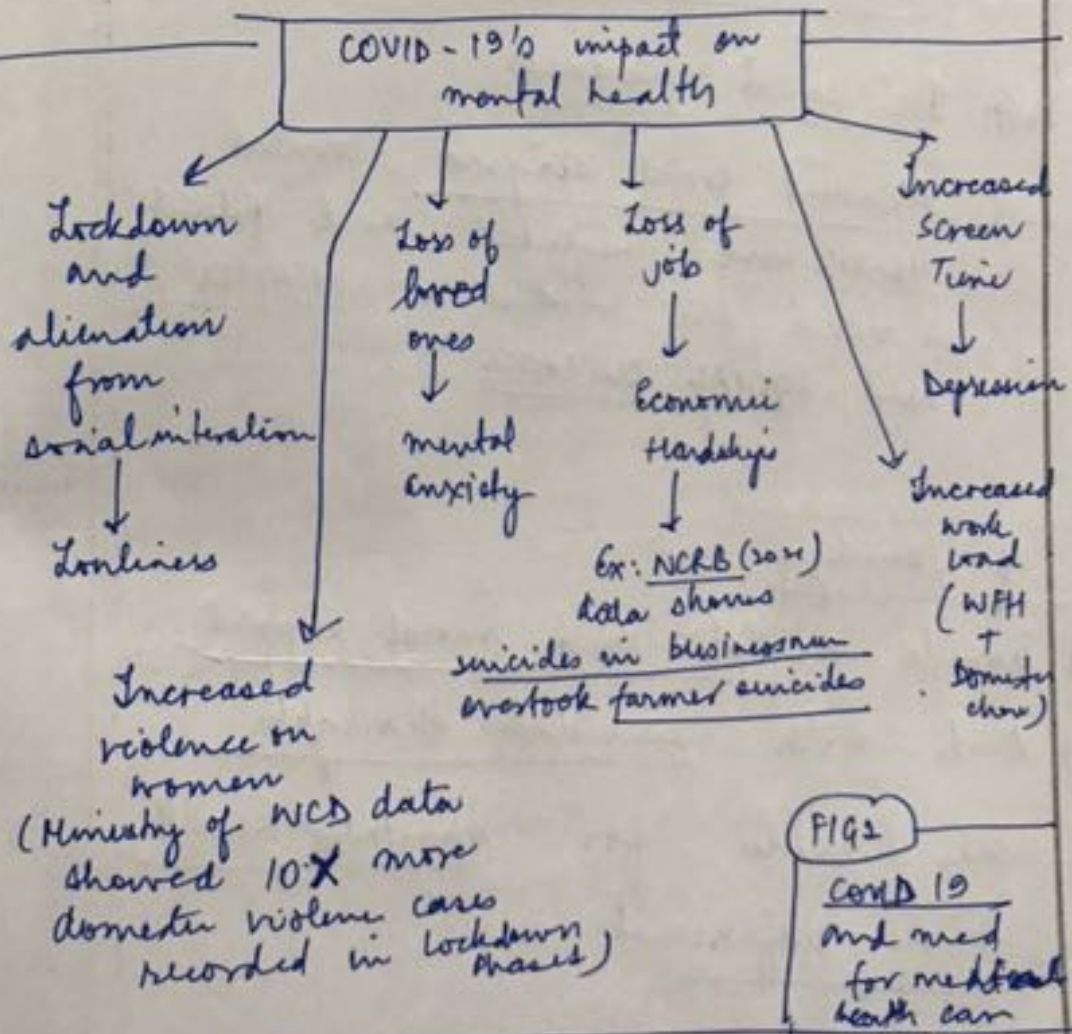


FIG 2
COVID 19 and need for mental health care

Feedback (For OFFICE use only)	
Structure/ Presentation	
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Value Addition	
Total	

Mental Health remains neglected issue

- ① < 1% expenditure on mental health out of total health budget
- ② Only 6 : national mental health institutions
- ③ Low number of psychiatrists and mental health professionals
- ④ No social awareness
- ⑤ Attached social stigma : mental health care neglected and patients in need are treated as LUNATICS and SOCIAL OUTCASTS

Role of Family

- (1) Provide mental and moral support
- (2) Deal with suicidal thoughts
- (3) Take / guide for mental health to a professional

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- (4) Help deal with anxiety and loneliness
- (5) Provide Economic support aiders.

Role of Society

- ① Mainstream discussions on mental health
- ② Stop treating mental health patients as lunatics
- ③ Integration of Mentally Ill people in society
- ④ COMMUNITY BASED SUPPORT: according to WHO guidelines

Mental Healthcare Act 2017

lists right to medical help a statutory right. This must be implemented in spirit with increased financial allocation

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Feedback

(For OFFICE use only)

Structure/Presentation

Question Interpretation

Content

Value Addition

Total



Q.18) Secularism, as a basic structure of the constitution, will hold value only as long as it remains a basic structure of the society. Comment, highlighting the importance and challenges to secularism in Indian society. (15 marks, 250 words)

संविधान की एक मूलभूत संरचना के रूप में, धर्मनिरपेक्षता तभी तक मूल्य धारण करेगी जब तक यह समाज का एक बुनियादी संरचना बनी रहेगी। भारतीय समाज में धर्मनिरपेक्षता के महत्व और चुनौतियों पर प्रकाश डालते हुए टिप्पणी करें। (अंक 15, शब्द 250)

The Supreme Court declared SECULARISM a BASIC FEATURE of Indian Constitution in Kesavananda Bharati Judgement. (1973).

CHALLENGES TO SECULARISM

(1) SOCIETAL DIVISION ON COMMUNAL LINES.

(1) Thus, Secularism is not a basic structure of society
 ex: Hindu-Muslim colonies in Tier 2-3 cities.

(2)

(2) COMMUNALISATION OF POLITICS:

(2.1) Use of religion to seek votes.
 ex: HINDUTVA ideology and rise of communal political parties.

(Don't Write anything in this Area)

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3) SOCIO-ECONOMIC CONDITIONS OF ~~INDIAN~~ RELIGIOUS MINORITIES

(3.1) SACHAR COMMITTEE report highlighted the relative deprivation of minorities in India -

4) HISTORICAL REASONS :

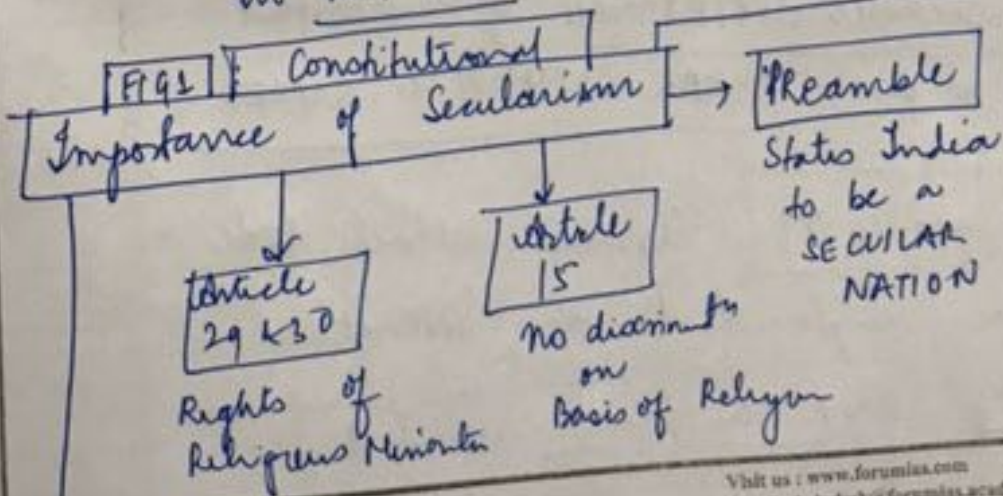
(4.1) PARTITION only religious lines and its lingering effect on Hindu - Muslim relationship -

5) Low literacy rates and lack of Scientific Temperament

(5.1) makes people prone to communal ideologies

6) Emerging Technologies :

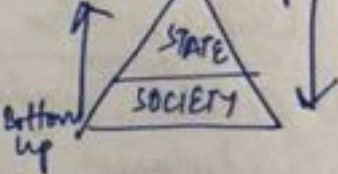
(6.1) Rise of fake news on social media in POST-TRUTH world.



Other significance

- (1) Diversity of India: need to take all religions together
- (2) Maintaining social fabric: to curb growing menace of MOB LYNCHING etc
- (3) Unity of India & NATIONAL SECURITY,
- (4) need to curb Khalistani movement

Way Forward

- (1) Bottom up Approach:
 Discourage SECULARISM as a way of life.

- (2) Top Down: Top leaders should lead by example.
- (3) ECONOMIC UPRIFTMENT of minorities as per SACHAR COMMITTEE REPORT

Article 49 Uniform civil code can be implemented to strengthen unity and uniformity in India.

(Don't Write anything in this Area)

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18) Drug abuse not only harms the user and causes distress in their family, but also, eats away the productive demographic dividend of the country. Discuss and suggest remedial measure to tackle the menace of drug abuse in society. (15 marks, 250 words)

मदक पदार्थों का दुरुपयोग न केवल उपयोगकर्ता को नुकसान पहुंचाता है और उनके परिवार में संकट का कारण बनता है, बल्कि देश के उत्पादक जनसांख्यिकीय लाभांश को भी नष्ट करता है। समाज में मादक पदार्थों के दुरुपयोग के खतरे से निपटने के लिए उपचारत्मक उपायों पर ध्यान दें और सुझाव दें। (अंक 15, शब्द 250)

As per NCB (Narcotics crime bureau) there are around ~ 6 million drug users in India.

With >50% of Indian population less than 30 years of age, rise in drug abuse impacts DEMOGRAPHIC DIVIDEND apart from personal and social losses

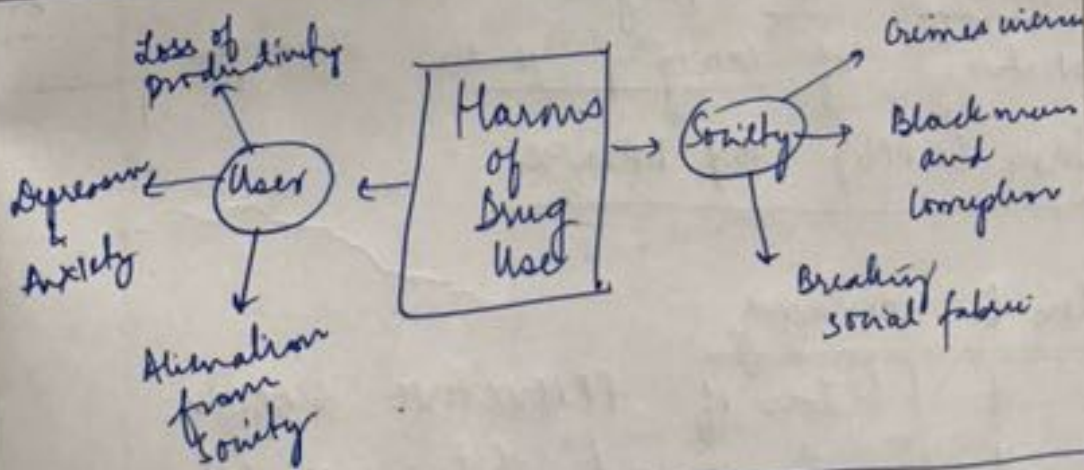
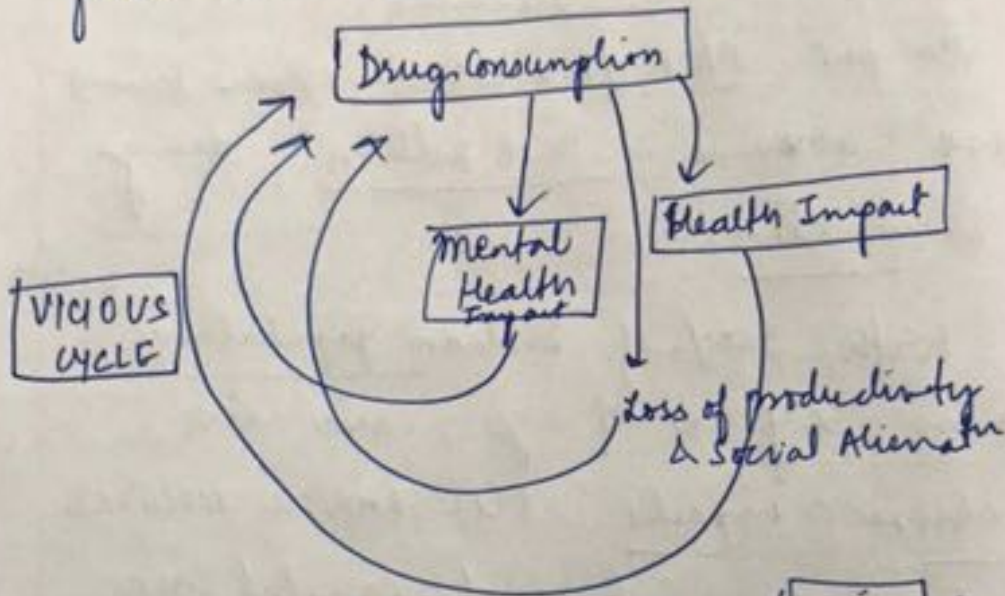


FIG 2: Impact of Drug Abuse on User and Society

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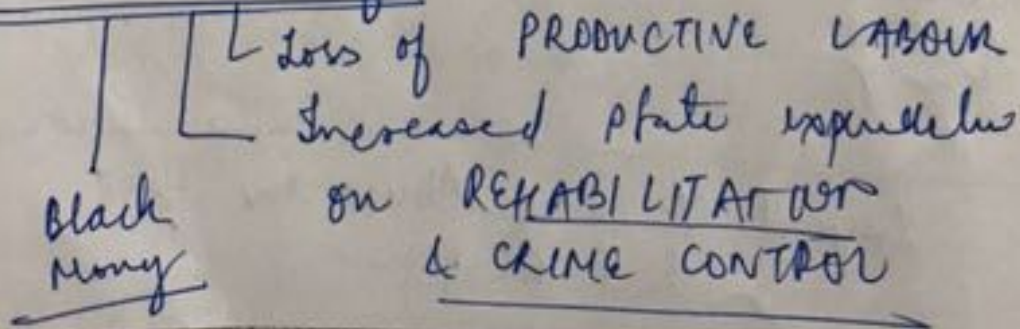
Impact on demographic dividend

(1) The youth becomes addicted and falls into VICIOUS CYCLE.



(2) chances of youth taking up heroin & heroinism ex: in Punjab: Pakistani's strategy of corrupting youth through DRUG SUPPLY BY DRONES.

(3) Loss to economy:



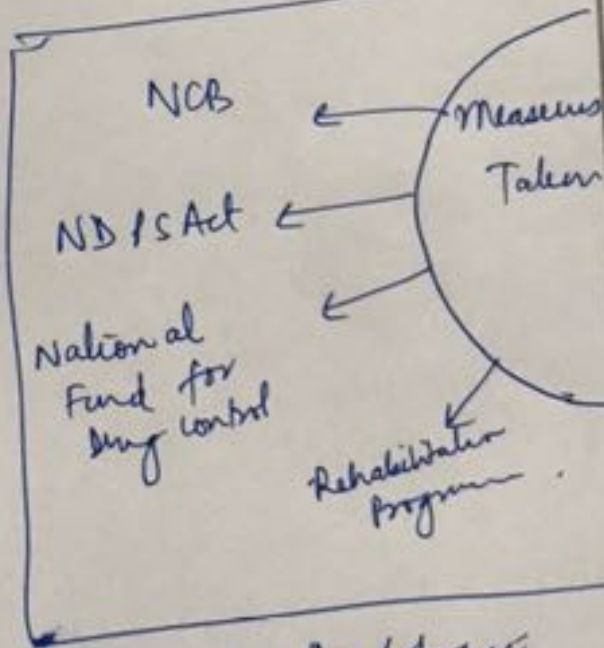
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Remedial Measures

- ① Use of National Fund for Drug Abuse
Grey Use for Rehabilitation
- ② Increase social awareness
- ③ Better Implementation of NDPS Act.
- ④ Re-integration in Society
- ⑤ SOCIETAL SURVEILLANCE

Fig 2



India a signatory to International Convention of Narcotics Drugs

& International Convention on Psychotropic Substances. Art 48 guides states to take action.

Feedback
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Structure/Presentation
Question Interpretation
Content
Value Addition
Total



Q.20) Although looked with suspicions and distrust, migration is an equalizing force that reduces regional disparities. Discuss. (15 marks, 250 words)

कारणकि इसे संदेह और अविश्वास की दृष्टि से देखा जाता है, फिर भी प्रवास एक संतुलनकारी शक्ति है जो क्षेत्रीय विषमताओं को कम करती है। चर्चा करें। (अंक 15, शब्द 250)

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Question Interpretation
Content
Value Addition
Total

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Mentor Feedback Questions

- 1
- 2
- 3
- 4
- 5

Test Goal

- 1
- 2
- 3

Outcomes

-
-
-
-

Marking Scheme

Mark	Good	Average	Below average
10 Marker	3.75 – 5.0	3.0 – 3.5	< 3.0
15 Marker	5.75 – 7.0	4.0 – 5.5	< 4.0
✓✓	Key / Relevant Point		
✗	Vague / Irrelevant		

* Subject to change without prior notice.