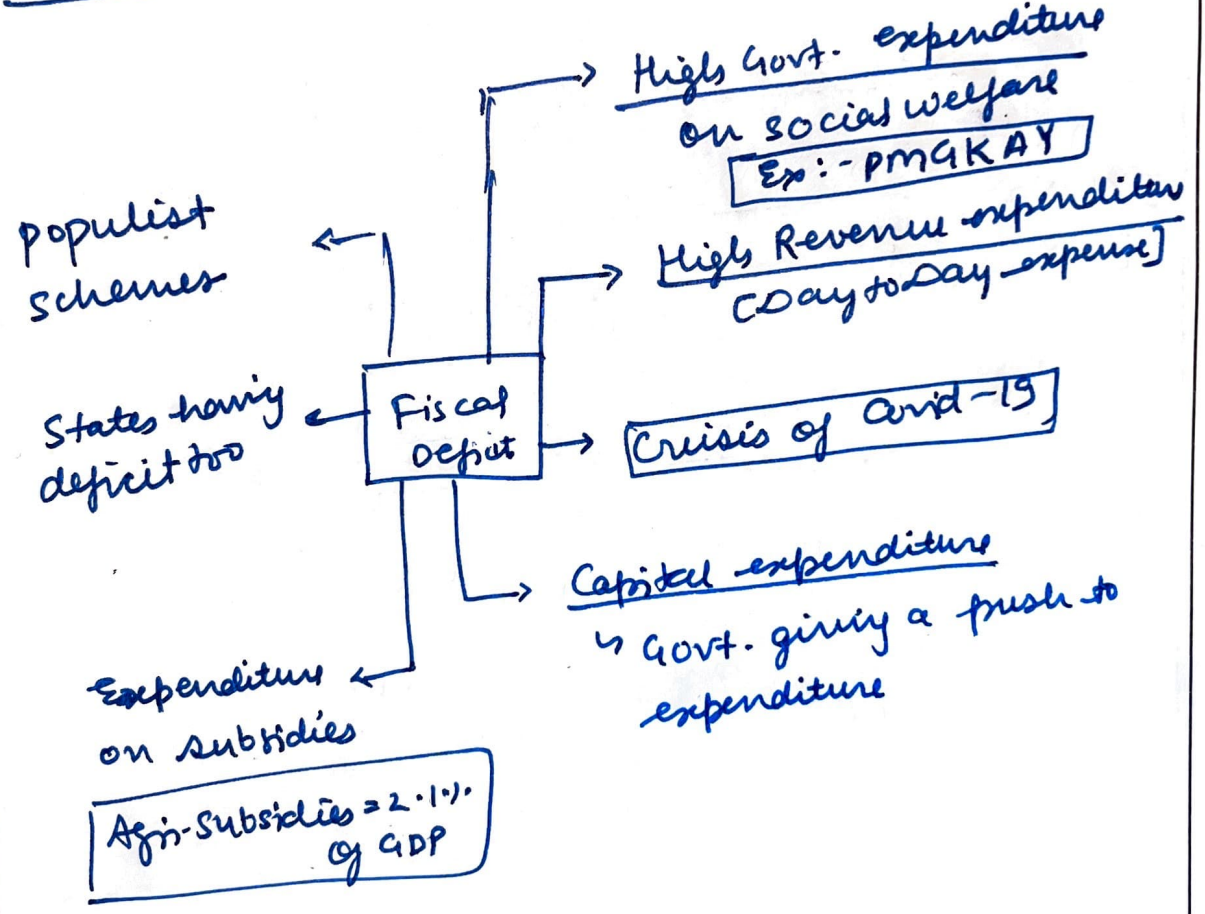
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Q.1

India has clocked a fiscal deficit of 5.6% of the GDP which is much higher than FRBM act target of 2.5%.

Factor behind high fiscal deficit



Consequences of such deficit

① High Borrowings

→ India → 84% Debt/GDP ratio

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(2) Shrinking Fiscal space for welfarist schemes.

(3) Borrowings → Intergenerational equity
↳ Put burden of payments on future generations

(4) Sovereigns credit ratings also gets affected.
Ex India (Baa3) on Moody's.
– lowest investment grade.

(5) Increases cost of further borrowing

(6) Crowding out of pvt. sector

Measures for fiscal consolidation

(1) Ensure rational govt. size
– min. govt. max governance

(2) Reduce Revenue expenditure

(3) Monetisation of unused assets

(4) Rationalisation of subsidies

(5) Plug leakages from schemes

(6) Ensure no delays in project completion

Indian Govt. must follow fiscal consolidation as primary aim according to NK Singh Committee.

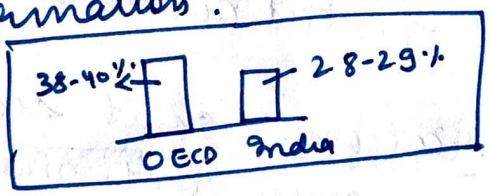
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Q-2

India aims to be developed @ 2047 and have atleast more than 18000 $ GPP per capita in today's terms.

significant capital investment for the vision —:

- Ensuring High Gross fixed capital formation.



- Ensure high investment from Pvt. sector
- Creation of Employment
- Multiplier effect
  - Development of other industries
- Reduce logistics cost - to 8% of GDP
  National logistics policy
- Increase exports of India
  Aim: 2T$ by 2027

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Challenges faced in this regard

1. Low Investment Grade ratings
   ↳ by Credit rating agencies (blasness)
2. High cost of borrowings
   Ex Due to Fed Tapering by Central Banks
3. Low Level of Pvt. sector involvement in Capital expenditure
4. High delays in project completion
5. Slow uptake of National Monetisation plan → Ex Pvt. sector not interested in assets below 4 lane roads.
6. Protectionism around the world.

In this regard, ODAs from like minded Countries like Japan and UAE and increasing funding from Multilateral Development banks will be crucial.

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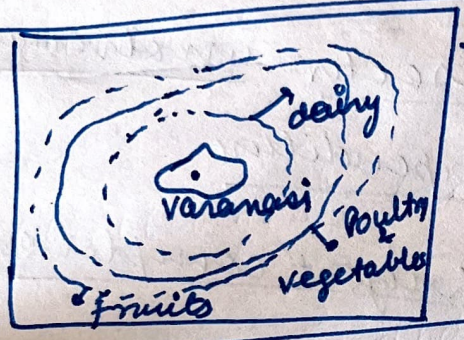
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Q. 3

Periurban Agriculture refers to Market gardening or agriculture done to provide for the city centre.



→ R. L. singh study on periurban agriculture around varanasi

Opportunities of peri-urban agriculture

↳ High quality farm produce

↳ High demand as urban centre grows

Ex Urban areas → 65 % of India GDP

↳ Increased Middle Class
↳ high consumption

↳ Urban sprawl and Rural Urban fringe development

Ex Due to migration → Increased Consumption

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↳ Source of Employment for the adjoining areas

↳ Development of cold storage, warehouse transportation etc.

↳ Achieving Farmer Income Doubling Target

Challenges → Land use competition
↳ Rising urbanisation outside

→ Urban Heat Island effect
↳ on crops

→ High **Speculation** → Increasing Land costs

→ Pollution and falling yield.
(Ex) Tropospheric Ozone due to NO_x, PANs.

→ lack of awareness

→ quality standards grading

Way Ahead

- grocO e-commerce → direct farm to consumer
- Improve **Post harvest** Infrastructure
- Institutional **Capital** to farmer

To achieve growth of peri-urban farming, recommendation of Market led approach of **Ashok Dalwai** committee can be explored.

Q.4

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India despite being one of the largest producer of pulses and vegetable oils is dependent on imports to meet its demand.

- Challenges faced by India in self sufficiency

(1) Open ended procurement for Rice, Wheat

(2) Biasness in MSP - wheat rice prefer

(3) Green revolution focus on Rice & wheat

(4) Shrinking Acreage under pulses and Oils

(5) Lack of funding and remunerative prices for produce

(6) Lack of Govt. procurement on Pulses and Oils

(7) Climate Change and dryland farming crop losses

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measures to adress challenges

- **MSP support** increase to these products
  - (Ex) Govt. under **NMSA - OP&OS**
    - increased MSP to Oil seeds by **8%**
- increase Warehouse and storage infrastructure to areas of pulses & oils
  - (Ex) Currently mostly in **N.W India**
- **Agri-diversification** → support through HYV seeds, awareness generation
  - (Ex) Rashtriya Krishi Vikas Yojana
- Marketing Support (Ex) → e-commerce, contract farming
- **SHGs & Cooperatives** — value additions & infrastructures

Govt. of India through N.M. for sustainable agriculture trying to ensure Agriculture diversification and meet self sufficiency in pulses & oilseeds.

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Q. 5

Recent BIO E3 policy was accepted by Cabinet highlighting role of Biotech in various fields.

- Biomanufacturing
  - Development of Biofuels to meet demand of industry
  - Development of Biosimilars for drug development
  - Biotechnology in Development of Vaccines
- In Agriculture sector
  - Biofertilisers, Biopesticides
  - Bioremediation for soil pollutent removal

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In Waste to energy sector

→ Biotechnology to ensure sustainable waste management

→ Million 3R's — Recycle, Reuse, Reduce

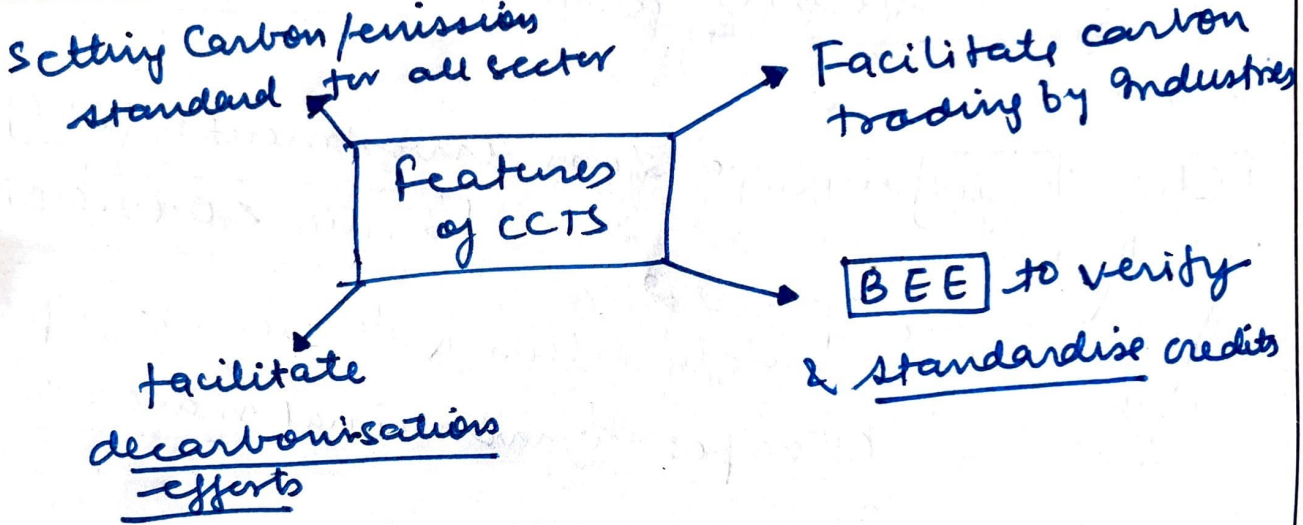
In Fisheries sector
- Solutions for ensuring high fish catch
- Development / preservation of shoals and coral reefs

Challenges
- Less investment to R&D
  India 0.6% GDP
- Information & Awareness gap
- Cheaper conventional materials

To ensure a sustainable economic development, Biomanufacturing & Biofoundry can help in achieving Climate Change adaptation and mitigation.

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CCTS 2023 scheme has been brought to ensure carbon credit trading in India in line with other such trading mechanism based on Kyoto protocol



Potential in mitigating GHG :-

1. Reducing emissions from industries
2. Promote decarbonisation efforts
3. Source of Income → selling of carbon credits
4. Achieving Target of PANCHAMRUTA

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(5) Achieving Net zero target by 2070

(6) Reduce GHG emissions

Eg: India currently 3rd largest

Challenges

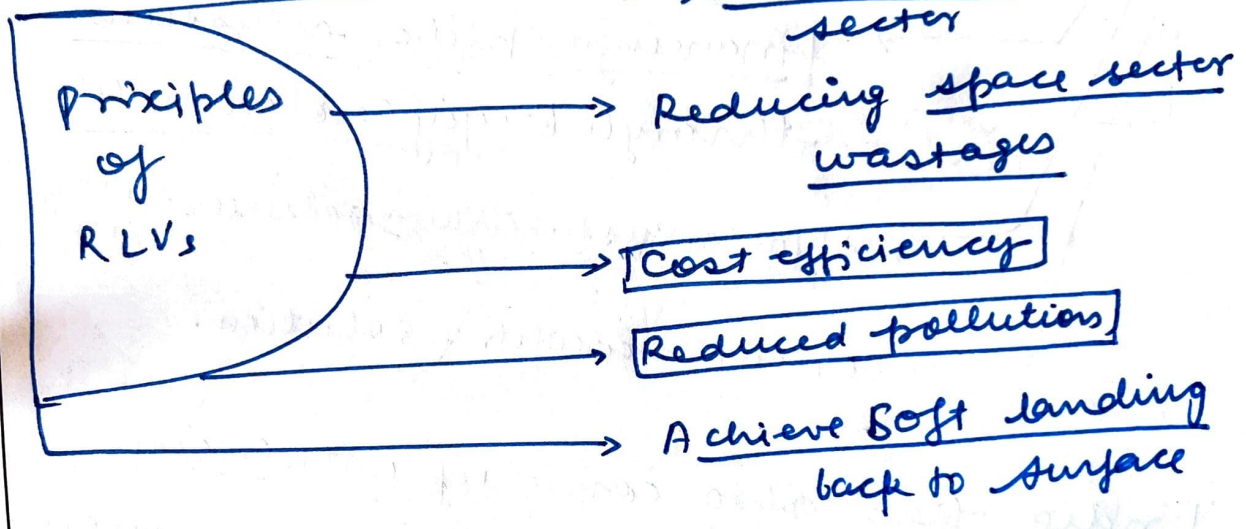
- low Industry awareness in carbon trading
- Uptake will take time
- financing higher emissions through buying carbon credit
- Not a Sustainable solution in long run
- Not an ecocentric solution.

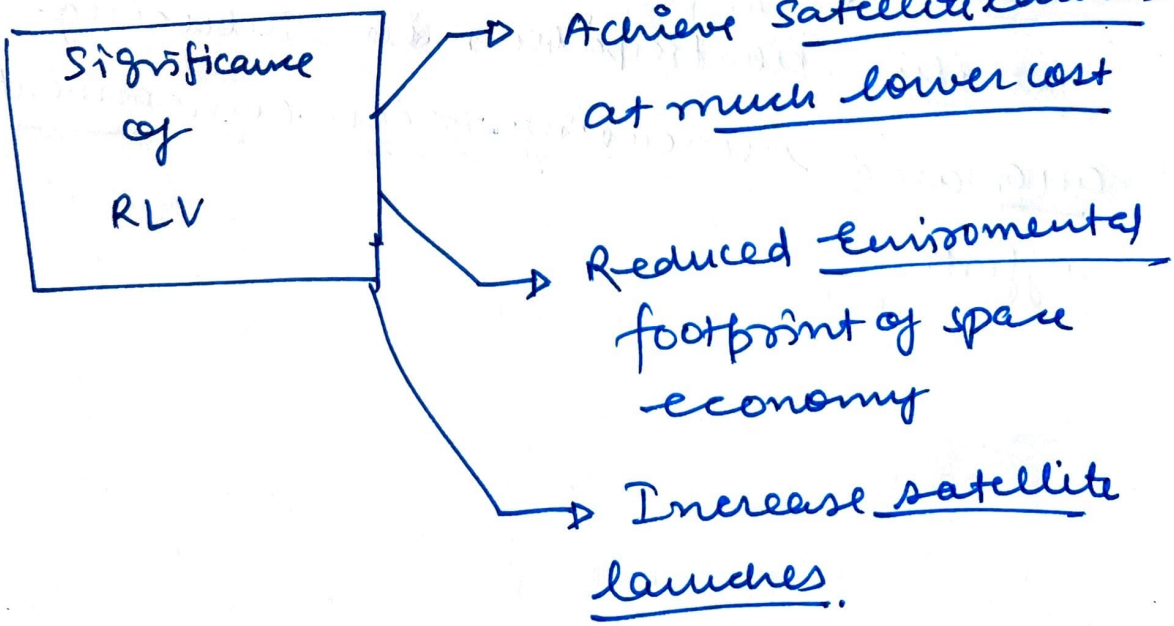
India has also come up with Green credit program to enhance common public participation in reducing GHG and increasing green environmental efforts.

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Q. 6

Reusable launch vehicles are launch vehicles which can be reused after each launches.





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Benefits

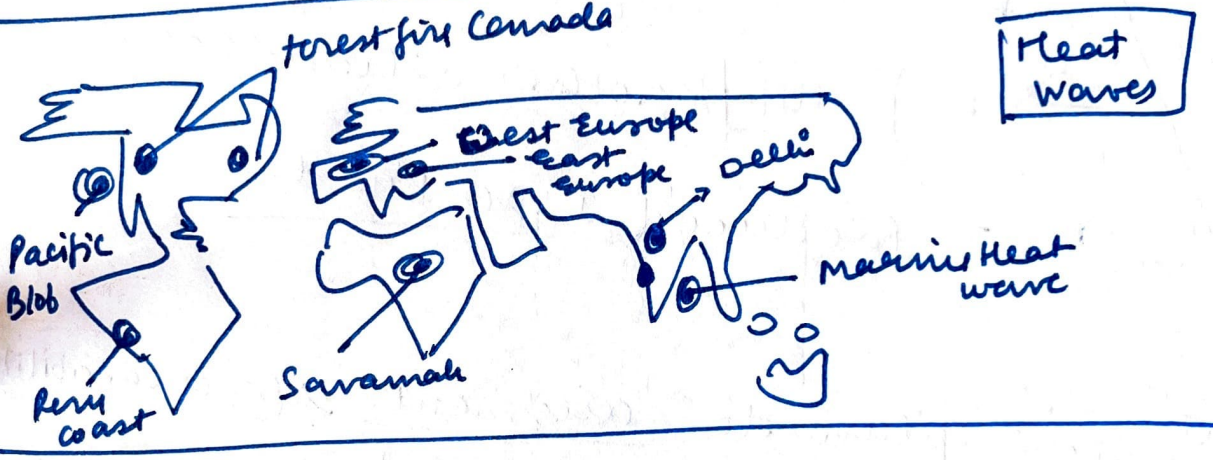
- Low cost launch → Max startups in the sector.
- Gain large Share in the Global space economy. [currently 2-3%]
- Large forex opportunity
- increasing exports of services
- Filip to other allied sectors
- Reduced ISRO Burden

India's plan to augment space capabilities under India's space policy can be achieved through development such as RLVs like Pushpak.

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Q. 8

Heat waves have been increasing in intensity and prolonging evident from the Heat wave of Delhi, one of the longest Heat wave in record.



Causes of Heat waves

- Prolonged dry / hot weather
- Anticyclonic conditions
- Heat dome effect due to Urban heat Island
- Meandering jet steams and Induced High pressure
- Rising Global temperatures due to climate forcings

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such as CO_2, methane emissions.

Impact of Heat waves

- → loss of lives
- → damage to crop, falling yield
- → facilitation of pest attack
- → Informal Construction workers
- → Cig / Platform workers

damage to health.

(Ex) Heat stroke.

- → Increased cost on cooling
- → positive feedback cycle → keeps on increasing heat.

Need to notify as disaster

- → To prepare specified plans to manage
- → To provide preventive and precaution measures
- → To develop ability for Micro level Heat wave early warning system
- → To create disaster relief infrastructure

Declaring Heat waves as disaster will enhance Govt. & local bodies efforts towards mitigating Heat waves.

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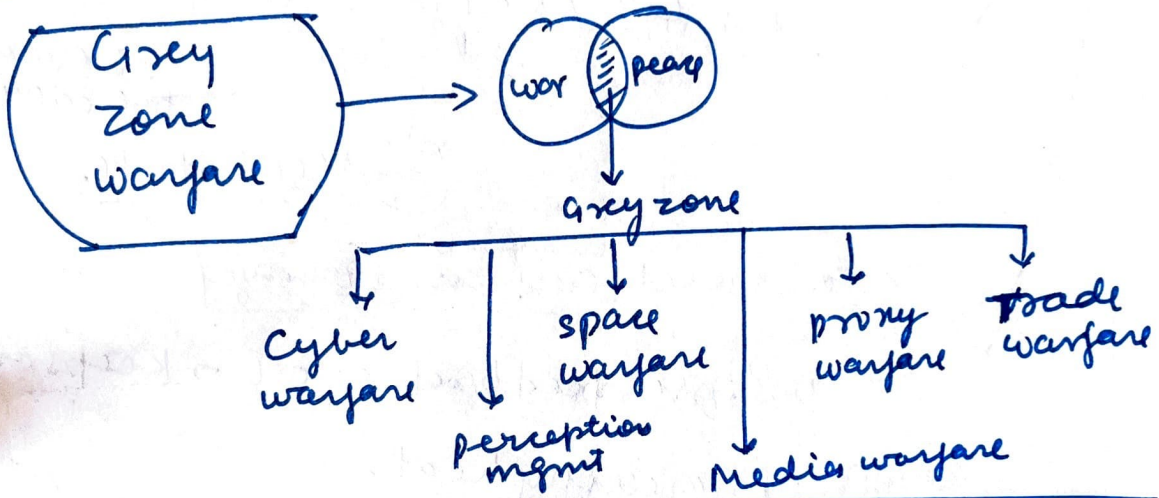
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Q. 9

In rising trend of Grey zone warfare, India's doctrine of cyberspace will help better secure itself.



Grey zone warfare = Not at overt war but efforts to destabilise and damage other actor.

Joint doctrine of cyberspace

Conventional operation security → security against Malware attacks. (India - 53% risk)

→ security against State sponsored DOS or Snooping attacks on Govt.

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website. [

- Ensuring security of Critical Infrastructure
  - Eg: Red Echo attack on AIIMS.
- High class security of financial system
  - Eg: Rising cyber frauds.

Grey zone warfare

- security against Misinformation
- security against fake news
- security against voter & election manipulation
- perception management through cyberspace
- Money laundering & Terror financing

Indoctrination of youth

India's effort to counter Grey zone warfare must ensure high cybersecurity Standards as recommended by Gulshan Rai committee.

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Q.10

Border security Forces are the Central Armed police forces given the task of managing borders of Pakistan and Bangladesh.

- Extension of BSF Jurisdiction
- Necessity
  - Increasing Border violations
  - support through Over Ground workers OGW
  - Better protect Borders sanctity
    - checkpoints deep into territory
  - Enhancing Border Villages protection
  - Smooth operations without delays and Bureaucratic interference
  - Rising cases of Militants border crossing
  - Enhance layers of protection

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Challenges

- Federalism : state's territory and State police jurisdictions
- Issues of misuse of powers
  - Eg. Assam rifles
  - BP Jeevan Reddy committee
- Challenges in defining role and coordination with State police
- Public in these areas is mismanagement in law & order and governance.

Due to rising proxy war supported by Pakistan and fear of increased illegal immigration from Bangladesh, for the time being, BSF's jurisdiction can be increased to ensure high level of security and Border protection.

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Q.11

India's economic growth post LPG reforms of 1991 has been overshadowed by lack of job creations and unemployment

Structural Unemployment

→ Unemployment due to structural issues in economy.

India and structural unemployment

→ Services led growth post LPG

→ Lack of enough job creation by services sector.

→ Surplus labour in Agriculture not absorbed by services

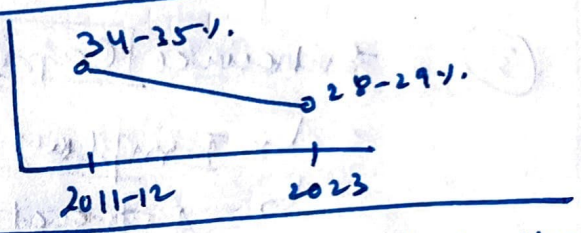
→ lack of growth in Manufacturing sector GVA. [Hovering around 16-18%.]

→ Reducing govt. jobs proportionately.

→ Increasing Automation and Capital lead Industries.

Other reasons of unemployment

- Low skilled population = 5%.
  - Ex: Compared to china - 25%.
- High logistics cost — (14-15% GDP)
  - ↳ Uncompetitive exports
- lack of infrastructure Creations.
  - Gross Fixed Capital formations = 28-29% only.



- Disguised unemployment in Agriculture
- High population Growth

Relevance of structural unemployment in current scenario

- ↳ lacking of efforts to tap Demographic Dividend.
- ↳ Decreased economic growth potential
- ↳ Women LFPR → much lower.
- ↳ High Migrations

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Policy Measures for inclusive job growth :-

1. **Skill development**
   - ↳ Enhance skill level to improve employment prospects.

2. **Academia - industry linkage**
   - ↳ Increase employability of Graduates
     - Ex Skills India report only 80% employable

3. Enhance **Capital expenditure**
   - ↳ Employment creation
   - ↳ Attract further investment
     - Ex 3.4% of GDP - Budget 2024

4. **Exports lead growth**
   - ↳ to improve value addition in India
     - Ex District of Export Excellence under Foreign trade policy

5. **Healthcare & social security**
   - ↳ creation of formal employment
   - ↳ increase GDP expenditure on Healthcare

India's vision of Viksit @ 2047 will be possible through meaningful job creation and inclusive growth.

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Q.12

MSMEs are important sectors in India's growth industry. They are managed by Ministry of MSMEs.

Role in fostering Regional growth

- Role in employment generation
  - Ex: 45% of manufacturing employment
- Less Capital intensive
  - ↳ Regionally distributed
  - ↳ Rural development
- Labour intensive sector like Textile, Food processing
- Exports lead growth
  - Ex: 35-40% of India's exports.
- Rural - Urban divide
  - ↳ Tries to minimise it
  - alternative employment in rural areas
- Value addition in Agriculture
- Women empowerment
  - women SHGs
  - employment to women

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Industrial diversification through MSMEs

- Food processing development
  - Ex: Currently only 2-3%.
- distribution of industries into Eastern India
  - Ex: low industrialised area



- Development of local resource based industries
  - Ex: One District One product
- Promotion of Traditional Industries
  - Ex: Traditional toy industries - Channapatna toys
- in newer/frontier areas
  - Ex: Startups in Agri-Tech, Startups in space sector.

Technological Advancement through MSMEs

1. Through supporting innovations
   - Seedfunding
     - Ex: Govt. of India seedfunding scheme.

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(2) Connecting startups to investors

(Ex) : Startups enclave
: Startup India portal

(3) Facilitate investment into technology - startups / MSMEs.

(Ex) Recent Abolition of Angel Tax.

(4) Creation of high-end technology products through MSMEs

(Ex) Skyroot in space sector.

(5) Tapping knowledge economy of India.

(6) Reducing Brain drain from India.

Govt. through steps such as Credit guarantee fund for MSMEs, Formalisation of MSMEs and regularly changing definition of MSMEs tries to promote the sector to compete in Global value chain.

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Q. 13

MSP was brought in to ensure Farmers can get fair price for their produce in market through nudging the market.

Legalisation of MSP

- Ensure protection to farmers from Distress selling
- Reduce Cartelisation and influence of middlemen
- Reduce Indebtedness and poverty among farmers

- Swaminathan Committee
  - "MSP acts as insurance"
- Fair prices for their produces
  - ↳ Reduce Cobweb of poverty
    - produce → high prices → absorbed by middlemen

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Issues with Legalisation of MSP:

- Uncompetitive food prices [decline in exports]
- Higher Cost for private sector
  - might reduce their procurement
- Increased burden on Govt.
  - high fiscal deficit already (5-6%)
- lack of Storage capacity
  - Eg: FCI → shortage of 20-30% Food capacity

Other Measures to make MSP effective

- Price deficiency payment scheme
  - recommended by Niti Aayog
- Encourage Pvt. sector participation in MSP led procurement
- MSP be set according to Swaminathan committee recommendations
- Diversification in procurement
  - Current open ended procurement of Rice-Wheat
- Increase MSP for Millets, Oilseeds etc.

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↳ Alternative to MSP

↳ minimum selling price [Niti Aayog]

↳ Encourage direct Farmer - Retail connections (Ex) Contract Farming

↳ Encourage Cooperative development

(EA) FPOs

↳ increase bargaining power

↳ Involve in Value-addition

Better remuneration

Ex: Rayalseema region - Poultry cooperative - Venky

↳ Increase Infrastructure investment

(Ex) cold storage, scientific warehouse

Ashok Dalwai committee recommendations

Can be looked into to enhance Farmer's income

(Please do not write anything except the question number in this space) कृप्या इस स्थान में प्रश्न संख्या के अतिरिक्त कुछ न लिखें।

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Q.14

Food Corporation of India is the major agency involved in procurement and storage of food grains for Public distribution system.

- Role in ensuring food security
  - (1) Procurement of food grains at MSP
    - ↳ Farmer's fair income
    - ↳ Development of cold storage & warehouse infrastructure
  - (2) Storage & distribution of Food grains
    - ↳ Under PDS to Fair Price Shops
    - ↳ Buffer stock for Crisis period
  - (3) Price Stabilisation measures
    - Eg Bharat brand rice.
  - (4) Centrally issue price food grains
    - ↳ Food security

(Please do not write anything except the question number in this space) कृपया इस स्थान में प्रश्न संख्या के अतिरिक्त कुछ न लिखें।

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(5) Important role in National Food security Missions

↳ Antyodaya yojana

↳ PM Garib Kalyan Anna yojana.

└ ensuring food security

Challenges & Issues with FCI

↳(1) Lack of **storage capacity**

└ FAO → 20-30% less than required.

└(2) High **food wastage**

└ Shanta K. Committee → 30-40%.

└(3) Overburdened **FCI** with procurement

└(4) Lack of Regional distribution of FCI storage infrastructure

└(5) lack of scientific storage.

└(6) lack of Supply Chain Management principles.

(Please do not write anything except the question number in this space) कृप्या इस स्थान में प्रश्न संख्या के अतिरिक्त कुछ न लिखें।

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Reforms needed

- Shanta Kumar Committee
  - Procurement to other organisation such as State Govt. Central warehousing corporation.
- Increase Centrally issued price
  - fiscally unsustainable.
- Reduce NFSA beneficiaries [67% → 40%]
  - focus on Antyodaya and BPL families.
- PPP in enhancing storage infrastructure
- Enhance FCI godown presence in other states.
- diversify procurement
- Biotechnology to improve Food storage and management
- Adoption of First in First out (FIFO) principle

FCI's capacity augmentation is a sine qua non to achieve SDG-2 of zero hunger

(Please do not write anything except the question number in this space) कृप्या इस स्थान में प्रश्न संख्या के अतिरिक्त कुछ न लिखें।

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Q.15

Nanotechnology can play a vital role in enhancing Agriculture productivity through increasing Input efficiency and technology.

Nanotechnology and Agriculture productivity

- Development of Nano fertilisers
  - Ex: Nano Urea
- Development of Nanopesticides
- Enhancing Irrigation technology
- Nanotechnology → Sensors
  - Soil sensors
  - moisture sensors.
- Weather & radar technology
  - improve precision

(Please do not write anything except the question number in this space) कृपया इस स्थान में प्रश्न संख्या के अतिरिक्त कुछ न लिखें।

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Nanotechnology & food security

→ Enhancing productivity of Agriculture

→ Enhancing fertiliser response ratio :-

	1980s	2020
India fertiliser response	13 kg/kg of fertiliser	3 kg/kg of fertiliser

→ Reduce crop losses due to pest attack

Eg 20-25% crop loss due to pest attack.

→ Better Agromet services to farmers

- Enhance protection to weather events
- Better preparedness to extreme weather
- Planning irrigation accordingly.

→ Managing soil fertility and yield prediction

→ Recent developments —:

① Nano urea
- 30% more effectiveness
- less water/irrigation intensive
- less total cost
- Reduces soil salination
- Better soil protection

(Please do not write anything except the question number in this space) कृपया इस स्थान में प्रश्न संख्या के अतिरिक्त कुछ न लिखें।

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(2) Nano pesticide → Silver Nanoparticles in pest management

→ Better pest control.

Ex: Annadata company

Risks & Benefits of Nano fertilizers & Nano pesticides

Risks
- Nanoparticle pollution in soil & water
- Hard to remove from environment
- Creation of superbugs
- Increased control on Agriculture by Agritech companies / MNCs.

Benefits
- Enhance soil fertility
- Reduce input intensive techniques
- Sustainable Agriculture

Govt. through supporting agriculture research institutions must enhance development in Nanotechnology sector in Agriculture.

(Please do not write anything except the question number in this space) कृपया इस स्थान में प्रश्न संख्या के अतिरिक्त कुछ न लिखें।

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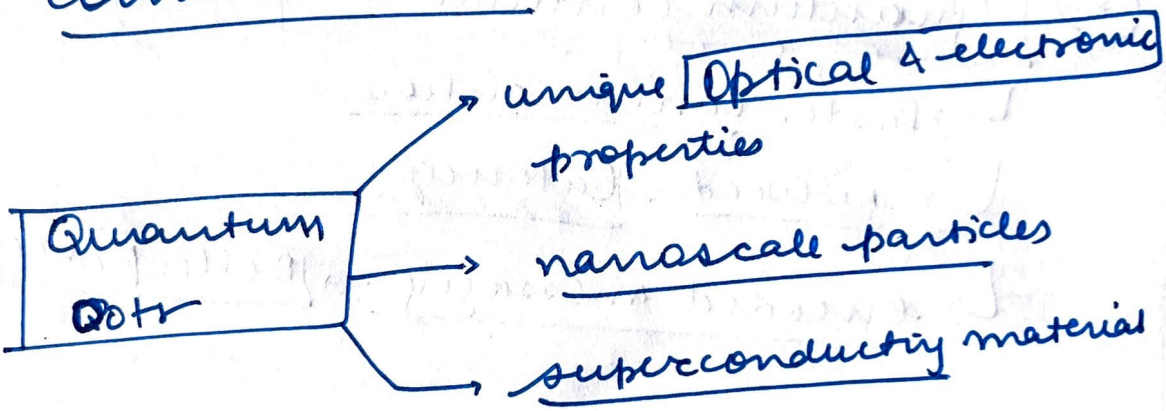
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Q. 16

Quantum dot technology aims to ~~the~~ develop Quantum dots and enhance Quantum computing and communication.



Applications

1. Quantum computing
   - ↳ enhance computing powers
   - ↳ help in Scientific Research
2. Development of Vaccine and drugs.

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(2) Quantum sensing & metrology

- sensors development
- environmental monitoring
- diagnostic tools

precision in tools
↳ manufacturing drugs & devices development

(3) Quantum Communication
↳ faster communication
↳ Reduced latency
↳ encoded messaging → Better privacy

(4) Quantum devices
↳ devices on Quantum dot technology

↳ Data storage infrastructure
↳ Medical devices
↳ 3D-printing precision
↳ QLED displays
↳ Solar cell manufacturing: Enhanced Solar energy

(Please do not write anything except the question number in this space) कृपया इस स्थान में प्रश्न संख्या के अतिरिक्त कुछ न लिखें।

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↳ Quantum Key Distributions & secured networks.

↳ Quantum computers — much faster than Supercomputers.

↳ Help in Space technology
- Satellites
- Landers & Rovers

India Steps → National Quantum Mission with (4 T-hubs)
- ↳ 10,000 crore + Outlay of scheme
- ↳ Enhancing Industry-Academia linkage

Quantum technology is considered as the next frontier in development of next generation devices, fast computing and precise equipments.

(Please do not write anything except the question number in this space) कृपया इस स्थान में प्रश्न संख्या के अतिरिक्त कुछ न लिखें।

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(Q. 17)

Protected areas are established under Wildlife protection Act to ensure areas for wildlife preservation.



Effectiveness of protected areas

↳ Tiger conservation a success



- 3600+ Tigers (2023)
- 2967 Tiger → 2018

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(2) Protection of species according to WPA, 1972 act

(3) Indigenous plants and flora preservation
Eg: Red Sanders in Sheshachalam

(4) India One of the Mega Biodiverse countries

(5) ESA → for protection of protected areas

(6) Core Buffer Strategy under Biosphere program



(7) Wildlife Illegal trade control

Challenges

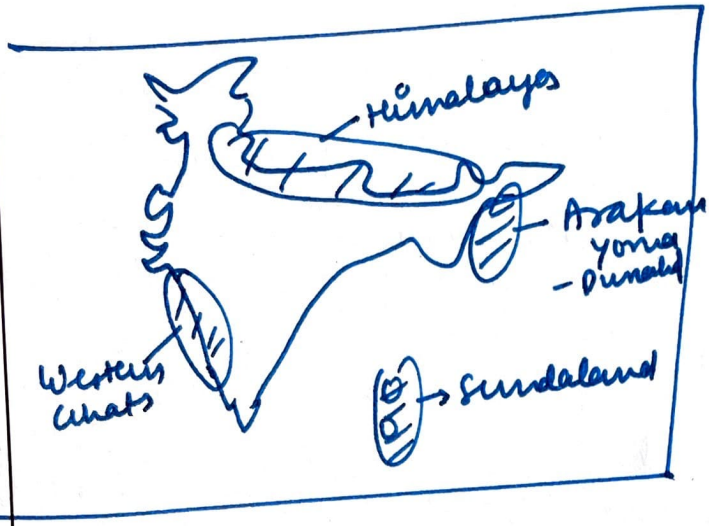
(1) Continued Illegal smuggling and Wildlife Trade

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Examples → Rhinoceros, Tarpans, elephant Tusks etc.

② Development of Biodiversity Hotspots

└ more than 75%. Biodiversity loss areas



- 4 Biodiversity Hotspots Regions.

Way ahead

↳ More Marine Protected areas
└ conservation of coral reefs.

↳ Protection of mangroves and estuarine ecosystem - Act as shock absorbers

↳ Border management → To ensure curbing Wildlife Trade

↳ Technology, UAVs, sensors to curb poaching illegal tree felling

↳ Kasturirangan committee recommendations to ensure protection in Western Ghats

Traditional forest dwelling Communities must be involved in ecological conservation efforts as they have lived in equilibrium with nature for centuries

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Q.18

India is facing high levels of PM pollution and Tropospheric Ozone formations due to rising pollution levels especially in metropolitan areas

Causes of High PM pollution

- Vehicular pollution
  - containing PM in fuel exhaust
- Industrial pollution (Ex) Iron & Steel
- Power generation
  - (Ex) Thermal powerplants
- Household pollution
  - fossil fuel burning
    - (Ex) coal, log, wood.

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Causes of High Ozone Pollution

- Formation of Ground level ozone
- Primary pollutants : NOx and PANs
- secondary pollutants : SOx

Breakdown of Oxygen in presence of UV rays → formation of O molecule

↓ + NOx

O_3

Brown Haze

NO_x pollution

Steps by Govt.

- National Clean Air program to reduce Particulate matter pollution by 30-40%.
  - National Ambient Air Quality Standards
  - CAQM for Delhi-NCR region
  - BS-IV to BS-VI grade transfer.
  - Emission Standards for Thermal power plants → Electrostatic precipitators

write anything except the question number in this space) कृपया इस स्थान में प्रश्न संख्या के अतिरिक्त कुछ न लिखें।

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नहीं लिखना चाहिए Candidates must not write on this margin

Effectiveness of the steps

- Ineffective in mitigating pollution
  - 9/10 polluted cities of world in India
- Improvement in 50+ cities ambient Air quality standards due to NCAP.
- Reduction in vehicular pollution due to BS-VI, Odd-even and GRAP policy.
- flue gas desulphurisation

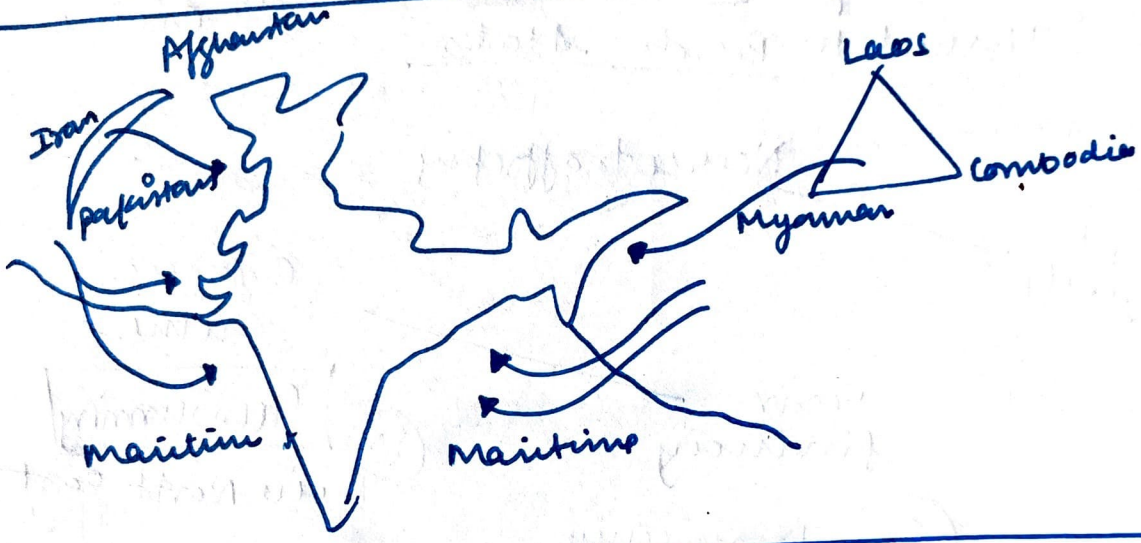
India to achieve a healthy citizenry need to improve liveability in cities as population going to reach 60% by 2050.

India must enhance effective Technology to reduce ~~toxic~~ pollutions and categorise industries to ensure depolluting measures.

में प्रश्न संख्या के अतिरिक्त कुछ न लिखें।
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Q. 19

India by virtue of its Geography in between golden crescent and Golden triangle has become the hub and transshipment location for illegal drug trade



Challenges of Drug Trafficking

① Health challenges
- Rise in Addiction
- Increased Anti Social Tendencies
- Mental & Physical health damages

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(2) Society

↳ drug related crimes on increase

↳ drug peddler and cartel formation

↳ Reducing Society cohesiveness

(3) Security & Integrity

↳ Nexus of Narcotraffickers and organised crime

↳ Threat to Border States.

Narcotrafficking

- corrupt officials
- organised crime
  - Ex: Gunrunning in North East
- Terror financing
  - Ex: Insurgency in North East, Kashmir

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(4) Efforts to eradicate Terrorism compromised

↳ Money laundering by illegal drug trade financing Terrorist agencies through Hawala networks etc.

↳ Perception against govt army local villagers

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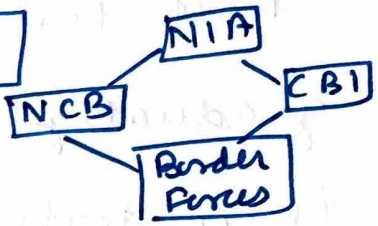
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Multi-pronged Approach

↳ Separate divisions to deal with specific issues Eg:- Fake currency cell divisions in NIA

↳ Multi Agency Coordination



↳ Financial trail
- ↳ decoding financial trail
- ↳ Eradicate financing mechanism
- ↳ Catching large drug suppliers

↳ National Drug Demand Reduction Action Plan
- ↳ Nasha Mukt Bharat,
- ↳ de-addiction & rehabilitation

↳ CIBMS for Border security

↳ Action against Corrupt officials

↳ Border Village development & cooperation in dealing with Narcotrafficking

(Eg → Vibrant Village program.)

India is on its path to become a major world power, hence need to ensure a stable Border & neighbours

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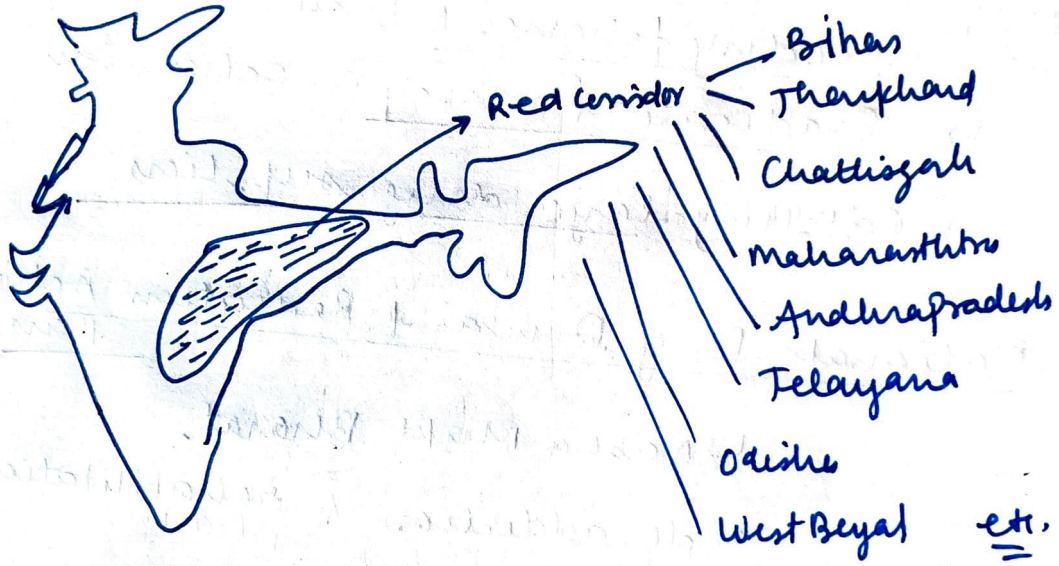
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Q.20

Left Wing Extremism have been gradually receding in India, now very concentrated majorly to 25 districts in India



Root Causes of Naxalism

1. **Developmental Deficit**
   - lack of development
   - Perception of ill treatment

   Ex Abujhmar region of Chattisgarh

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(2) Historical reasons
- Injustices through Moneylenders.
- Corrupt officials & land grabbing
- Arbitrary removal from lands.

(3) Govt.'s misgovernance
- Forest Acts and isolation of Tribals
- Development of feeling of Alienations

(4) Rise of Maoist tendencies
- Extra State support
- NGOs & foreign support

(5) Porous borders → Trapping
→ Cum smuggling
→ nexus with organised crime gangs.

(6) State borders & jurisdictions
- Fly by Night Approach
- lack of coordination among states

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Efforts → Socio economic development and Hard Security Measures

Soft measures	Hard measures
↳ Grassroots Governance development	↳ Development of special forces - (Ex) Bastariya Batallions, Greyhounds.
↳ PESA act "Constitution within Constitution"	↳ Security related expenditure (SRE) to states
↳ Connectivity measures (Ex) PM Jansman	↳ CAPF deployment
↳ Social infrastructure (Ex) Eklavya model school.	↳ Ironsand Ammunitions
↳ Benefit sharing ↳ DMF for mining districts ↳ LARR act for Rehabilitation ↳ Biodiversity Act 2002 ↳ ABS	↳ Technology and UAVs etc. for better reconnaissance

India is following SAMADHAN Strategy and Surender-cum-Force strategy to deal with LWE and its extermination