

WOMEN

Political

- Pol represent in LS - 14% seats in Parl.
- 9% - State legislative assembly
- Legal → Love jihad - inherently patriarchal
- → Lack of coparcenary rights
- Local bodies - 'sarpanch pati' problem
- Represent in police ~ 12% (2020) Higher ranks (8.7%)
- Judiciary 80/1100 SC/HC Judges Bihar 25% J&K 3.3%

Internet Use (NFHS 5)
 < 3/10 - Rural India - ever used internet
 4/10 women - urban India

Economic

Centre for Land Governance
 12.9% Indian women - agri land
 A/c for 32% of agri labour contribute 55-66% to farm production.

Economic

- FLFPR WB: 30.27% (1990) → 20.8% (2019)
- IMF - 27% Gender pay gap
- Nature of work - Informal sector Care work, pink collarisation
- NSO Time Use Survey 84% time - unpaid work
- Obstacles at work → Glass ceiling
- → Sexual harassment

Violence

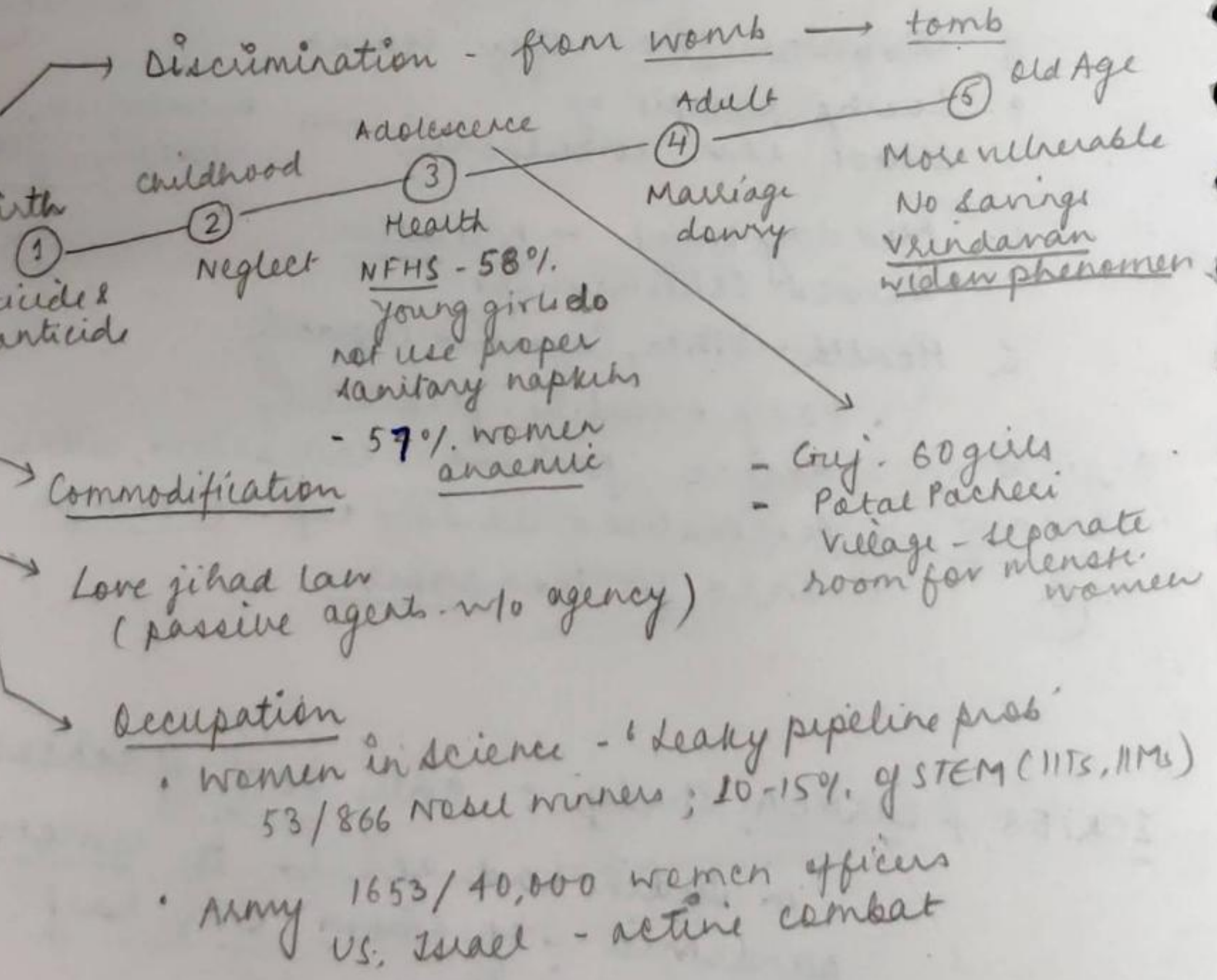
- NCRB 2018: Rape every 15 minutes (reported)
- NFHS 15-29 yrs - 30% domestic violence
- Acid attacks
- Psychological violence → dowry demands
- → Trolling

Social

UNICEF ✓ Child brides - highest in India (1.5mn/yr)

Hegemonic patriarchy

Lack of agency
 Madhya case



WAY F - Gender based surveys,
 Intersectional feminism
 Hegemonic patriarchy
 Gender Dividend → Demographic dividend.

INITIATIVES - empowerment

- ① Deccan Dev Society - 'anna swaraj'
Salit women farmers revived dry land, millet centred farming
- ① Punjab resolution for Sikh women
- sing hymn in sanctum sanctorum
- ① Maharashtra State Commission for Women
- digital training of tribal and rural women → self sufficiency in digitization
- ① DST + IIT Delhi - Women Entrepreneurship & Empowerment

① Ujala
Samoochs
① IDRC data

Facilitation

- Travel - Pink Saurthi buses (Karnataka), free travel in Delhi
- Tomato - menstrual leave
- All women Nimbhaya Squad (Jaipur Police) - women constables trained in martial arts. - deployed @ schools, colleges, malls.
 - would also impart skills training
 - free distribution of sanitary napkins.

WAY FORWARD

- Cooperatives + Training IDRC data (93% v/s 57%)
eg Shreeja Mahila Milk Producer Company.

① Bhanwari Devi case (1995)

① Patan Jamal vali case - addressed intersectionality of caste, gender & disability - victim of sexual assault - 22yr blind old Salit woman.
↳ how multiple sources of oppression operated cumulatively to produce a specific experience of subordination.

Art 15(3) - Empowers state to make special provisions for women & children.

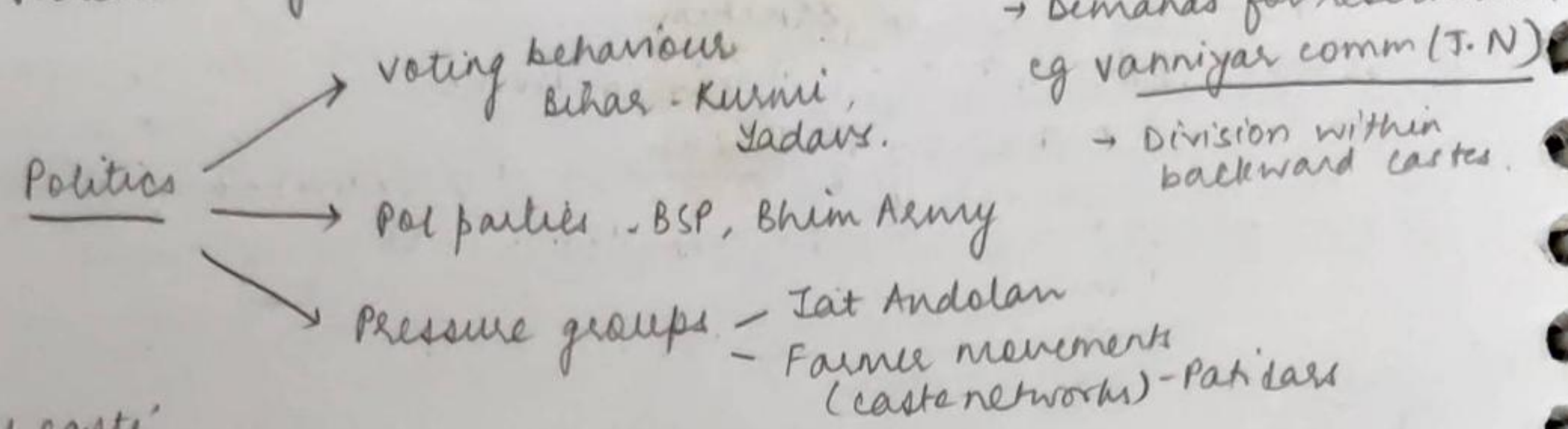
Art 42 - Just & humane conditions of work & maternity relief.

SDG 5

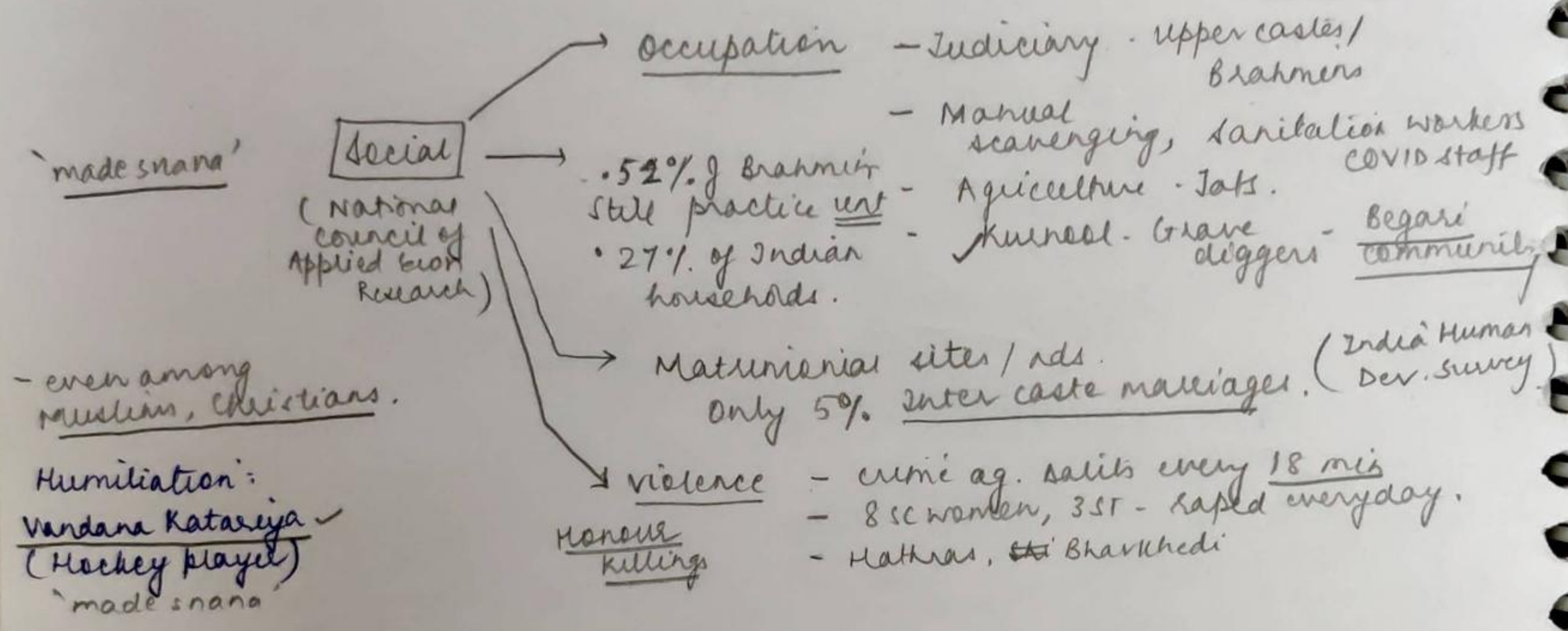
Ambedkar - Hindu society - tower w/o staircase

CASTE

- ⊕ Education
- ⊗ Poverty
- ⊗ Violence - egs ; crime statistics.



'secularisation of caste'



Steps

- ⊕ Karnataka Anti Superstition Law. (16 practices) - including made snana - selling steel in leftovers.
- ⊕ Ayodhya temple Comm - 1 Dalit member.
- ⊕ SC - Intercaste marriages - Act 21: Mahatma Gandhi 'Personal Liberty', Puttaswamy, Hadiya case.
- ⊕ Davinder Singh v/s S of Punjab (SC) - Subclassif. of reserved classes - 'weakest of the weak' eg TN - Arunthathiyar comm.

Tirupati Tirumala Devasthanam

↳ decided to train Dalits as priests.

Schemes

- Pre Matric & Post Matric Scholarship Scheme.
- National Fellowship Scheme - OBC Students.
- PM Adarsh Gram Yojana.
- Dr Ambedkar Medical Aid Scheme - treatment for EWI among SC popu.
- VISVAS, ASIM → promote entrepreneurship among these sections.
 - ↳ Ambedkar Social Innovation & Incubation Mission.
- Stand Up India
- National SC Finance & Dev. Corporation

Inter caste marriage.
↳ Dalit youth
death in Kanniyar
Kumari (TN)

(TVS)

GLOBALISATION

Set of social processes multiplying global interdependencies - btw ppl, regions, countries encompassing the social, economic & political.

- Global econ growth - jobs China, ASEAN LPG
- Pol - democracy, human rights
- social egalitarian, liberty

Global is Local - increasing homogenization

- Corporate work culture - Airtel, MNCs
- Culture of consumption
- Creation of cities around manufacturing activity → around malls, market places, malls.
- Idea of beauty - cosmetics - Miss World, Miss Univ.

- Language - Hinglish - Intro of Eng in Hindi
- Dress - Jeans, shirts & trousers.
- Family - Individualism & Nuclear family
- Entertainment - Netflix, OTT platforms.
- dying arts → Sambal circus comm → Nats → Kutiyattam.
- Culture - dying out 14 extinct lang (UNESCO) Tribal culture.
- TV shows: Who want to be M → KBC ✓
PUBG → FAULTI ✓

CHANGE IN FORM

How global is further strengthening the local

- Sharat Matrimony - caste marriage - NRI brides/grooms.
- Institution of family → 'Family' groups on whatsapp.
- Religion - virtual worship e-darshan
- MCA - Navratri menu.
- Anchies - cards on Sivali

LOCAL IN GLOBAL

Ayurveda.

- * Yoga
- * Iikoon, religion - Krishna Consciousness
- * Art - Madhubani
- * Bollywood
- * Fusion Music - Anoushka Shankar
- * Dress - sari, Justin Trudeau - kurta pyjama.
- * Diaspora - Caribbean: doubles - chhole - shakere - Canada - Tikhe - VAE - 3rd off. lang - Hindi - British Columbia - Punjab
- * Tatas - acquired Jaguar ONCE videxh.
- * ISA
- * Political - Kamala Harris - India's rep in US Senate

UNITY IN DIVERSITY

Diversity - difference

- Racial
- Religious
- Linguistic
- Caste

कोस - कोस पर पानी बढ़ले,
चार कोस पर बानी

DIVERSITY DATA

- > 1652 lang (1961 census)
- 5 major climatic groups
- Racial groups
- Religion - sub sects
- Caste
- > 700 tribes

India as a thali

diversity dividends

GLOBALISATION

Effects

- ^{EW} Farm suicides,
Agrarian rural distress
- Casualisation of workforce
Growth of street
shops.
- Weakening of labour laws.
- ^{SOL} Tribal communities come
under pressure - land
acquisition
- migration, urban implosion
- Feminisation of poverty
- Increasing inequality
(P. Saini)

Unity - integration

A socio-psychological condition - //

Connotes a sense of oneness.
- bonds that bind a society together

Unity born out of uniformity → Mechanized
Solidarity

Unity born of differences

→ organic unity
(modern society) solidarity

Bonds of Unity

- Geo political → Geog - Rivers, plains, mountains
- Cultural factors → Pol - Const, Laws, govt.
- Tradition of accommodation
- Historical - Hindu Muslim Unity (1837, Gandhi)
- Tradition of interdependence.

Phoolwalon Ki
Sair

What we often call tolerance is
not tolerance, it is indifference

- Nehru

- Not uniformity, not homogeneity
- not premised on lang of
similarity
- should not be in retaliation to
an identified other

⊕

- social mobility - subjugation
of caste, community identities
- cultural exchange.
- Globⁿ & LPG - ↓ in poverty
- Technology, service sector
- women empowerment

Anthony Giddens - Globalisation
is a process that transcends
economics to affect social
relationships & milieu in
a society.

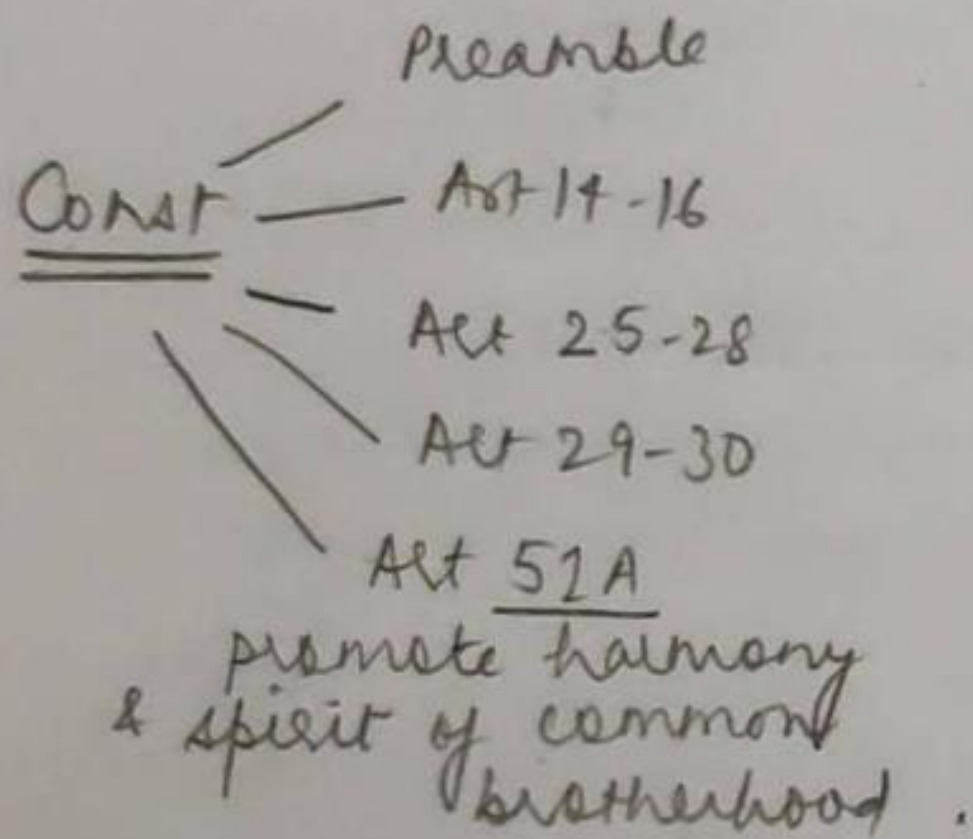
SECULARISM

Achoka 12th Rock Edit Appeal not only for toleration of all religious sects, but also to develop a spirit of great respect towards them

- Muiruddin Chishti, Kabir, Nanak., Akbar

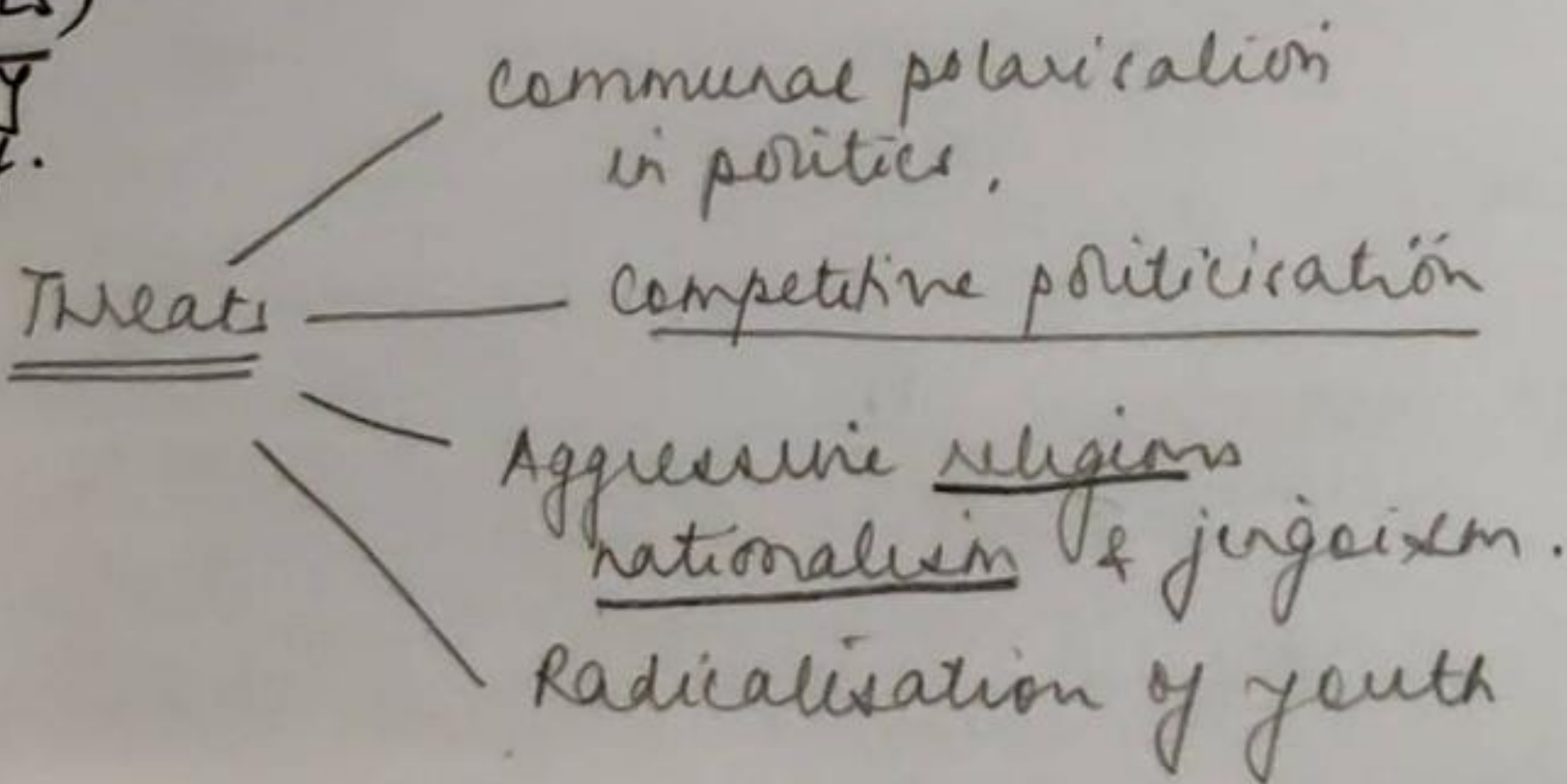
- Indian philosophy of secularism - 'Sarva Dharma Sambhava'

CONCLUSION Indian secularism not an end in itself - but a means to address religious plurality, achieve peaceful coexistence of diff. religions. (equal respect to all religions)



• Housing Discrimination Project (Jindal GLs)
- extensive housing discrim. in country.

• Pew Research Centre Report
- substantial no. do not want neighbour from other religious commu.



Sachar Comm. 2006 - Need for anti-discrimination law.

SALIENT FEATURES OF INDIAN SOCIETY

- Socially stratified
- Predominantly agrarian (55%) and rural (~70%)
- marked by diversity (racial, religious, linguistic, caste)
- unity in diversity ('Ganga-Jamuni tehzeeb')
- Imp social institutions - caste, kinship, family
- Endogamy
- social exclusion - w.r.t SC, ST, women
- ✓ Rural Urban (Bharat-India) divide is pronounced.
- Inequality
- Employment (overwhelmingly informal & increasingly casualized)
- ✓★ Coexistence of modernity & traditional beliefs

POPULATION

2.4% of land, 17% of world popu.

1.226n (Census 2011)

Lancet: India's popu to peak around 1.66n in 2048

Median age in India 28 in 2011, 23 v/s 37 (China) & 45 (Western Europe)

Demographic transition

- A) 1901 - 1921 Stagnant popu.
- B) 1921 - 51 - Steady growth
- C) 1951 - 81 - Population explosion
- D) 1981 - 2011 - High growth rate w signs of slowing down

SEX RATIO

India 940 World 986

Child SR 914

Literacy — Gen - 74% (1951) 16.67%
 Men - 82% 25%
 Women 65% 9.45%

Associated prob w Popu

- 1) Social - Malnutrition, Health, Edu, Poverty, Inequality, Juvenile delinquency, slums
Breeds tension - communalism, regionalist tendencies
- 2) Economic - Unemployment, migration, Std. of living, Slow growth of industry, pressure on agri sector
- 3) Environment: Degradation, slums, choked for space reducing carrying capacity.
- 4) Cultural
- 5) Political

Demographic dividend
↓
Demog. disaster

Census 2011

✓ Less than 21 yrs - 47.9%

Religious demo - Hindus (80%), Muslim (14%), Christianity (2.3%), Sikh (1.7%), Buddha (0.7%), Jain (0.3)

1st Language Hindi (43.6), Eng (0.02), Bengali (8.3), Marathi (Total Speakers 57%, 10.6%)

Kerala

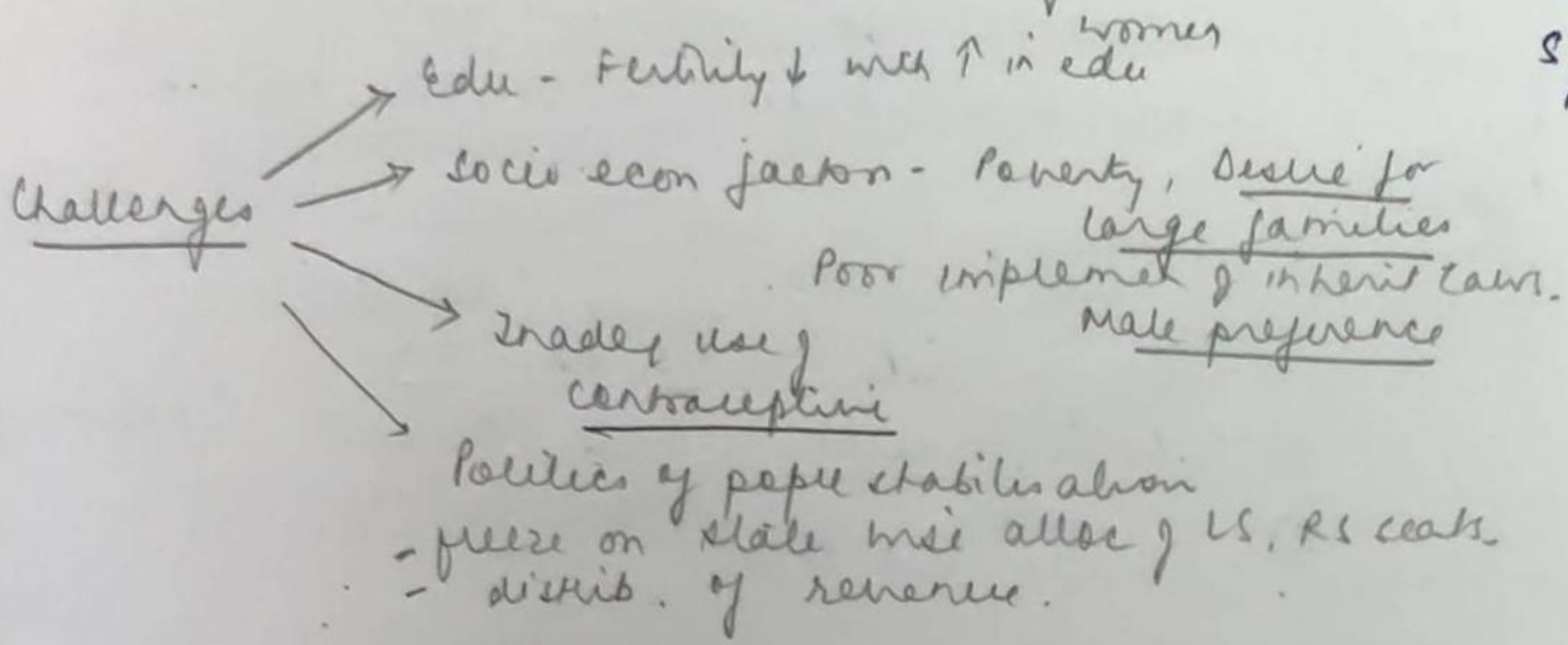
Fertility 1.8

IMR 7/1000.

Highest literacy rate 94%.

Sex ratio 1084 fem/1000 males.

National Population Policy 2000 - achieve
 replacement levels of fertility (2.1 by 2010)



SRHR Sexual & Reprod. Health & Rights

Popul control approach

- deflects attention from emerging need to invest in edu, health, skill dev.
- Emph on coercive methods - undemocratic rights ^{women}
- skewed sex ratio
- Inter state variation

Steps

- ICT ↑
- Decentralised planning convergence.
- Health exp & info
- Strengthening Anganwadis, ASHA work
- Sex edu in school curriculum.

Popul development approach

- Sex edu
- Contraceptiv.
- Sex, Repr. health infra.
- HRD

Need to underst. dynamic migration flows to address issues of housing, infra, health care

- ↑ particip of men in planned parenthood.
- Collab w NGOs & prt sector.

Development is the best contraceptive

- ⊗ 1994 Cairo Conference
- ⊗ National Popul Policy 2000 - target free approach, focus on edu, maternal & child health

UP Population Bill, 2021

- Suchita Srivastava case (2009) woman's freedom to make reproductive decisions - Art 21.
- Puttaswamy (2017)
 1. rooted in statute
 2. legitimate govt aim
 3. no alternatives
 4. rational connection btw limitation & aim.
- UP - lowest child sex ratio 903
- disproportion burden on vulnerable section correlation btw poor socio-econ status and family size.

Lack of mobility in slums - 66% of ppl. in slums have lived in same home for ≥ 3 gen.

URBANISATION

Census
✓ 17% of urban India (slums)

UN Habitat 2014
→ 104 mn slum dwellers
- slums

Prob

- space scarcity, residential acco.

- No social amenities - SWM, Edu, Health water, electricity

Infra

- Transport bottlenecks, congestion

Buses 1.2/1000 Thailand 8.6, SA - 6.5 of Mumbai

- Energy crisis

④ - social tensions - crime, juvenile delinquency, security (esp women)

④ - Environment pollu

SDG 6

- CPCB, 2015: > 65% of wastewater - discharged untreated in open drains.
- water & sanitation prog of WB - Total annual econ impact of improved sanitation - ₹ 2,4 trn - (6.4% of GDP)

POI

• No big metropolitan > 10 mn - directly elected mayor
• weak capacities in finance & staffing

ASICS report Mumbai office 938/1L popn NY 5400/1L

Solu

→ Inclusive cities - bring low income groups into mainstream.

→ Urban infra - SWM, water supply, Housing

Tokyo Metropolitan govt

Egs

→ Public Transport - Common Mobility Cards.
- Unified Transport Authority
- clean energy to be incentivised

→ Positive egs → Smart Cities - 'Nurturing Neighbourhood context' - early childhood friendly neighbourhoods.

→ Hyderabad - 'urban forestry', global 'Tree City' status from FAO

→ MOHUA - Climate Smart Cities Assessment Framework.

Telangana:

Jadadri Natural Forest Estb. Model (based on Miyawaki M)
- high density plantation in small areas.

• Disaster mgmt - C FLOWS, M FLOWS

IMP

- UN World Urbanisation Prospects 2018
34% of India's pop in cities - >50% by 2051
- Cities - 65% of country's GDP (McKinsey Global Instl)
58 cities → 90% of GDP

PROB

→ Citizen participation less - absence of ward committees & area sabhas.

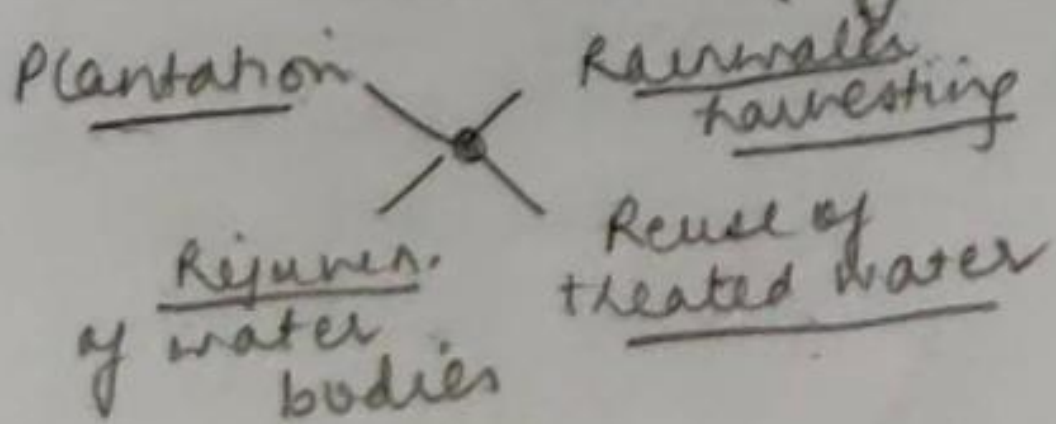
→ 'Exclusionary Urbanisation'

Census towns	2001	—	2011	more than doubled.
	<u>1362</u>		<u>3892</u>	

Residential & infra facilities - inadequate to keep pace with new activities - spilling over due to over-satur. of large urban centres.

Govt

- AMRUT - esp water supply, sewerage & septage.
- Replacement of street lights to LED.
- Municipal bonds - Indore, Hyderabad, Surat, Pune
- Jal Shakti Abhiyan



POVERTY

Centre must go beyond ₹73,000 alloc. for MNRCA for 2021-22

Data

- Pew Research Centre + WB data - ($\$2$ ^{WB} poverty line)
No. of poor doubled to 134 mn from 60 mn in a year due to pandemic induced recession.
- ✓ 2020 → India contributed to 57.3% of growth of global poor.
- National Com. for Enterprises in Unorg. sector -
✓ 77% of India was marginalised - problem of much bigger magnitude than figure of 25.7% (Tendulkar Com)
- Global MPI 2019 - India lifted 271 mn citizens out of poverty btw 2006 & 2016.

Definition

- Income consumption approach
- Psychological: In terms of deprivation & helplessness
- UN: Income poverty + Human poverty
- Sen: Capability approach.

Rural & urban poverty → diff approaches.

- ✓ 'Subculture of poverty' → Oscar Lewis - when poverty is transmitted over generations, it becomes a culture - children of poor inherit a subculture of violence (not viewed as illicit, no guilt)

Data

- ASER: Only 1/3rd of India's school children are accessing edu.
- UNDP: Addⁿ 207 mn ppl could be pushed into extreme poverty by 2030 due to severe long term impact of pandemic.

Phase I (NFHS-5) - Increase in malnutrition, underweight, anaemic, stunting, obesity.

- UNDP - HDI ~~131~~ 131/189 (2020 report)

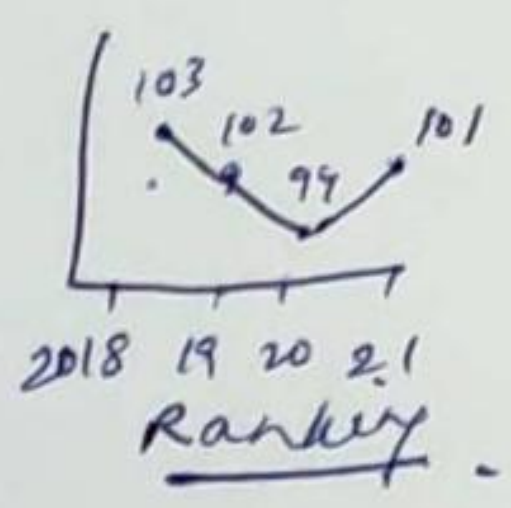
UN - denial of choices & opport., violation of human dignity
- entails more than lack of income & productive resources to ensure sustainable livelihoods

HUNGER

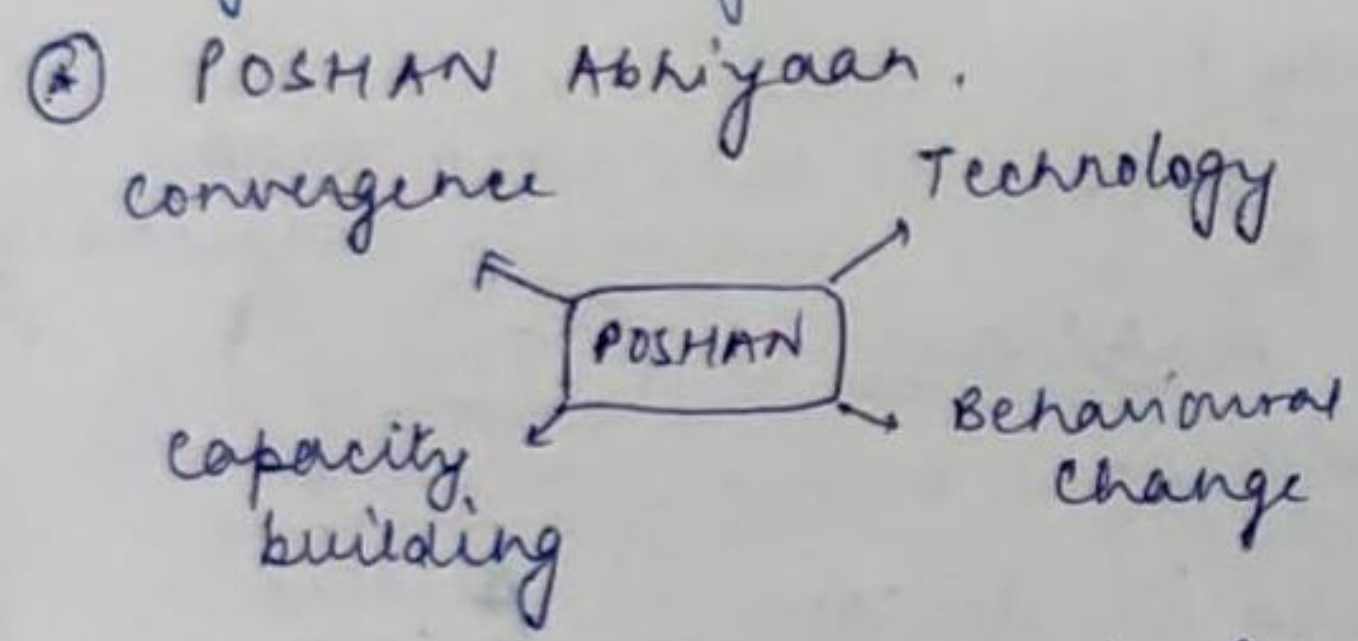
- Halting of midday meal scheme depriving ^{children} most of nutrition
- Global Hunger Index 2020 - 94/107 → 101/126 ²⁰²¹
 - behind Nepal, Pak, Bangladesh, Indonesia
- NFHS-4 wasted stunted malnourished

21	38.4	35.7
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State of Food Security & Nutr.
 1/10th of global pop undernour in 2020.



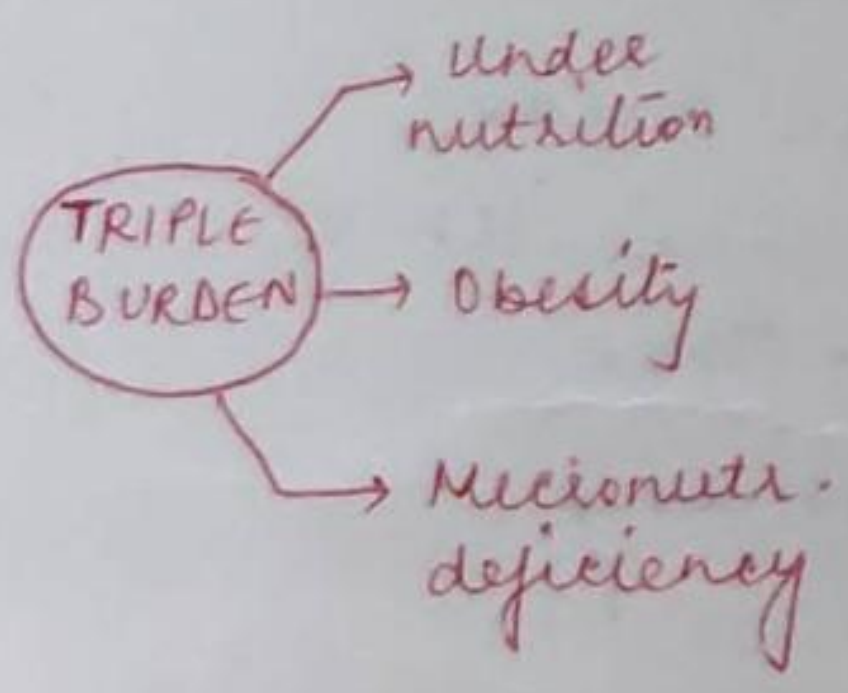
① Encourage millet
 eg Millet village scheme (Kerala)



Need to quickly graduate to POSHAN plus strategy - apart from above 4, also requires renewed focus on other social determinants

③ Food fortification →

④ FAO - Food Coalition to prevent COVID food crisis



- Gaurab Kalyan Anna Yojana
 - 5kg grain (addⁿ) pp/pm
 - 1kg pulses pf/pm
- NGOs / civil soc - buy wheat/rice @ subsid prices from FCI
- AtmanB: Migrants (8cr) 5kg pm/pp

• Natural disasters

Let food be thy medicine & medicine be thy food - Hippocrates

Project Sampurna (Bongaigaon) Assam
 Reduction of malnutrition in children using near zero economic investment.

6 Empowered mothers, healthy children

• Buddy mothers
 mother of healthy, unhealthy child (same Anganwadi)
 ↳ given diet charts

• Mothers empowered financially (SHGs) under NRLM

Malnutrition almost eliminated within 3-4 months

M.S. Lakshmi Priya (DC, Bongaigaon)

- ① hyper
- ② studies
- ③ nutri isolation for op
- ④ Harm of India
- benefit MNCs
- ⑤ dietary diversity - more healthier & cost effective way to fight malnutrition
- ⑥ PM POSHAN - even pre primary levels / Balvatikas of govt schools
- monitoring haemog levels
- Appt → nutritional experts
- Focus on nutri gardens

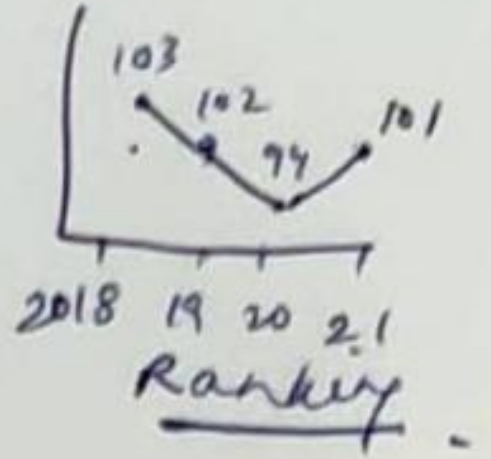
- ✓ Involving FPOs + women SHGs in implementation
- states - high prevalence of anaemia can include supplementary items
- Tithi Bhojan - Pvt school students share food.

HUNGER

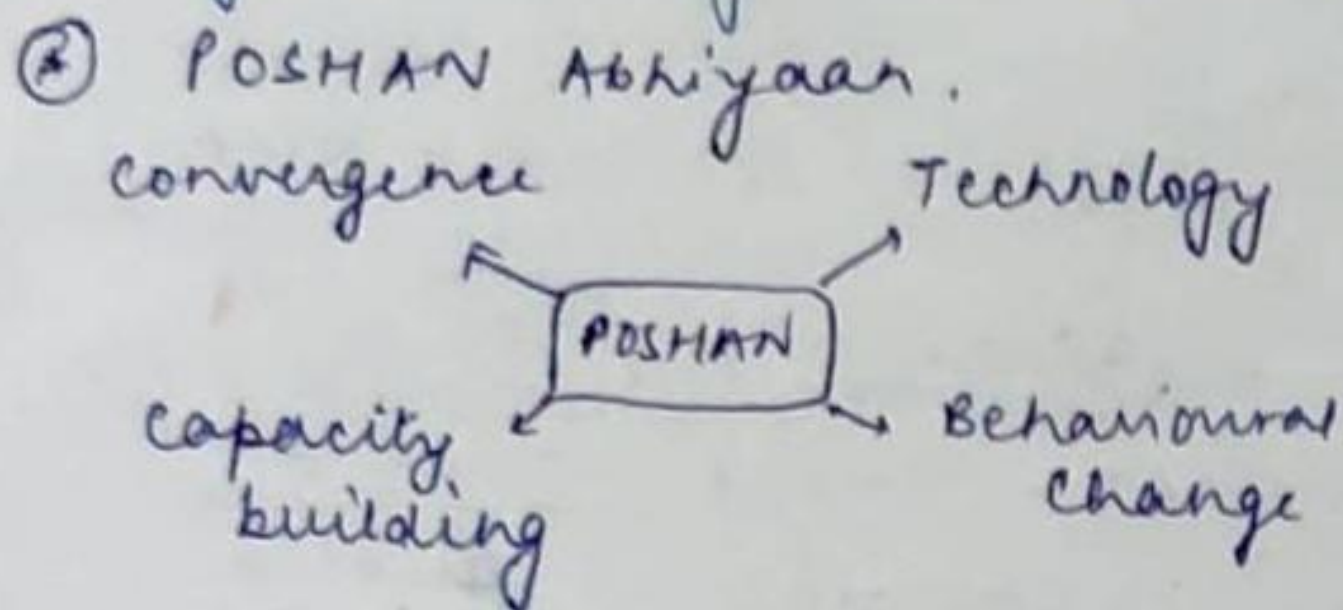
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- 2017 - 68% of 1.04mn deaths U-5 in India - malnutrition

'State of Food Security & Nets'
 1/10th of global pop undernour in 2020.



① Encourage millet
 eg Millet Village Scheme (Kerala)



- Natural disasters
- Poverty
- Wars, conflict
- Amartya Sen \rightarrow distribution problem.

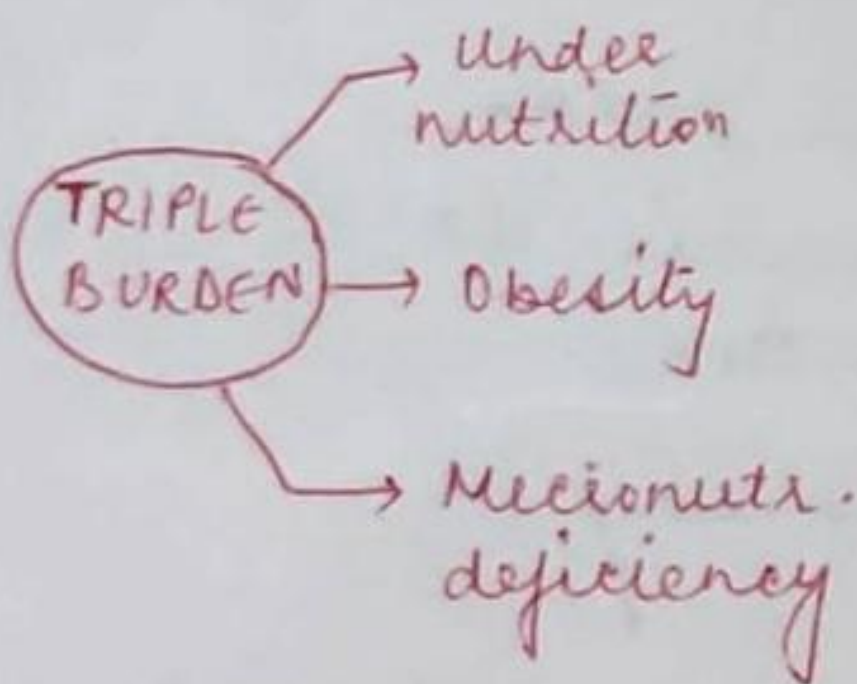
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③ Food fortification \rightarrow

-ves of mandatory fortif.

④ FAO - Food Coalition to prevent Covid19 food crisis

- ① hypervitaminosis.
- ② Studies by food comp: conflict of interest of Nestle.
- ③ Nutrients don't work in isolation - need each other for optimal absorption.
- ④ Harm vast informal economy of Indian farmers, food processors - benefit MNCs.
- ⑤ Dietary diversity - more healthier & cost effective way to fight malnutrition



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- Tithi Bhojan - Pvt school students to share food.

Women's organisations & movements

- 1954 - National Federation of Indian Women
(Communist)

✓ 1946-47 Tebhaga movem (Bengal) - Nari Bahini

- village level Mahila Atmakalpa Samiti

- Anti price rise movement 1973-75 - Maharashtra.
- involvement of housewives.

④ Gujarat - Women's Wing of Textile Labour Assn.

⇒ (SEWA) - Self Employed Women's Association
(Ela Bhat)

Union → Women in unorganized sector → Training, credit, technical help, collective bargaining.

- Shetkadi tribhava area (Shulia, Maharashtra) 1972

✓ Militant anti liquor campaign - broke liquor pots in drinking dens, and marched to punish in public men who beat their wives

- Anti liquorism - Uttarakhnad, Andhra.

- Chipko movement

⇒ 1977 Chattisgarh → against mechanization by Bhilai Steel plant - Mahila Mukti Marcha.

- Shepal Gas Pedit Mahila Udyog Sangathan.

✓ Samagra Mahila Aghadi - Women's wing of Shetkari Sangathan
(farmer's movement)

farmer

Mid 1970s - Autonomous women groups in urban areas.

• Progressive Women's Org. - Osmania Univ.

✓ Purgani Stree Sangathan - Pune

• Stree Mukti Sangathan - Bombay.

1975 - UN Int'l Women's Year.

✓ Maheshi - journal which has documented & analyzed the women's movement

• Campaign against dowry

- Mahila Sakshata Samiti

- Delhi based Stree Sangathan

from 1979 - street rallies, plays, demonstrations

✓ Janwadi Mahila Samiti (CPM women's wing)

↳ door to door campaign

- Custodial rape - Rameesabi case ✓
 ↓ - Maya Tyagi case. ✓

1983 law - burden of proof shifted to victim to the accused.

- Murder of Roop Karwar - 'sati'

- 1980s - setting up women's centres for legal aid, counselling, documentation, research, publication etc.

• Saheli - Delhi

↳ encouraged women to express themselves through music, dance & art.

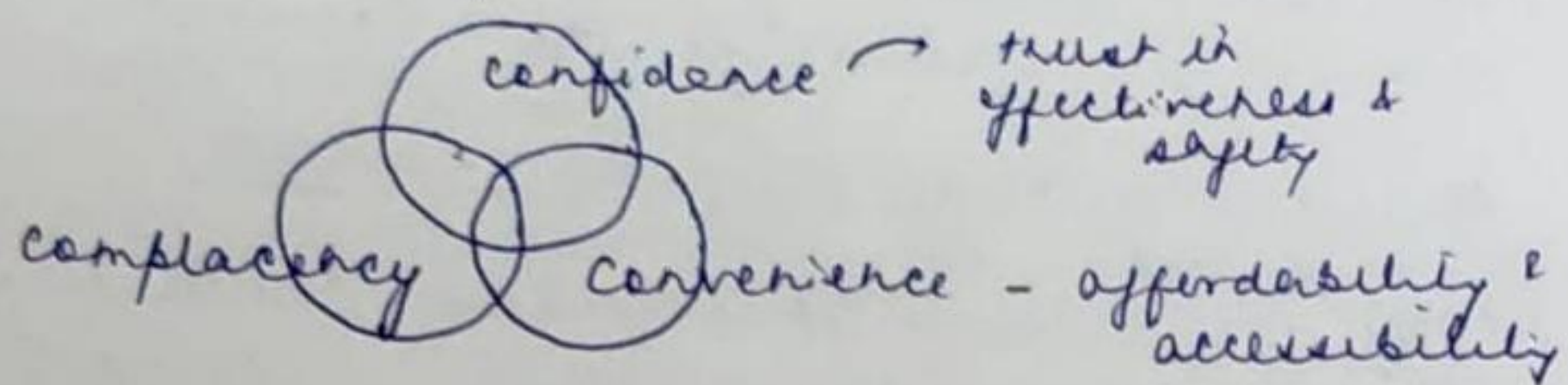
- Hyderabad - Anveshi - platform for theoretical studies of women's issues

- ✓ Delhi - Centre for Women's Development Studies
 - Journal for Gender Studies.



VACCINE HESITANCY

WHO - listed 'vaccine hesitancy' as among the top 10 threats to global health this year.



How to address

- Integrating behavioural cen (Econ Survey 2018-19)
- Regular publication of data - dispel wrong perceptions - positive reinforcement
- Counter misinformation
- ✓ Regular updates on pending vaccination (mobile)
- ✓ Providing incentives - eg food grains to poor fam.
- Training health workers
- Engaging with religious leaders.

• Villagers in Barabanki (UP) jumped in a river

(Eg) Tribals in Odisha's Rayagade district fled their villages after locking up houses to avoid taking COVID 19 vaccine. Rumour: will die within 2 yrs.

WHO - Avoid 3 C's
(Crowded places + close contact settings + confined closed spaces)

Case Studies

① Jhabua (MP) - one of highest % of ST people in India
↳ 'khatla baithake' - community meetings to dispel vaccine myths
↳ use of turmeric smeared rice to rural houses - traditional means of welcoming ppl to vaccination prog.

② Janepal (Amargabad, Mh)
- village heads / Frontline workers - got vaccinated 1st
- Hanuman Jayanti - auspicious day.

④ Nilgiris, TN - wrote songs in tribal lang (share benefits of getting vaccinated)

③ East Champaran, Bihar - 'Bankatwa Way'
use of local elected leaders + religious leaders for mobilisation

⑤ Op. Mili Juli (Assam)

EDUCATION

- ~~India~~ NIPUN Bharat - Foundational Literacy & Numeracy, by the end of Grade 3 by 2026-27.

- Delhi - Skill & Entrepreneurship University (DSEU)

- UDISE 2019-20

only 1/4 teachers trained to use a computer for teaching
→ only 15% of govt school teachers.

Regional variation (57% - Orissa, 9% - MP)

- UNESCO + Ubeu: Free Rides for teachers' vaccination

→ 22% schools - internet facility

37% - functional computer facility

- Japan 'Chi-Toku-Tai'

know - virtue - Body

↓
academic
abilities

↓
mind
- fitness,
self-discip.
- character.

↓
Physical &
Mental
well being.

'Kansei' - sensitivity

© 1st National Achievement Survey

(assess competencies of children - 3, 5, 8th class)

YOUTH . (Demographic dividend - Population)

India's adolescent popu - 253mn

Census 2011 :

48% popul

< 29 yrs .

- ✓ 62% of India's popu. btw 15-59 yrs
- Median age - 30 yrs.

- ILO survey → 65% of adolescents worldwide reported having learnt less during pandemic.
→ 17% suff from anxiety & depression

Lancet :

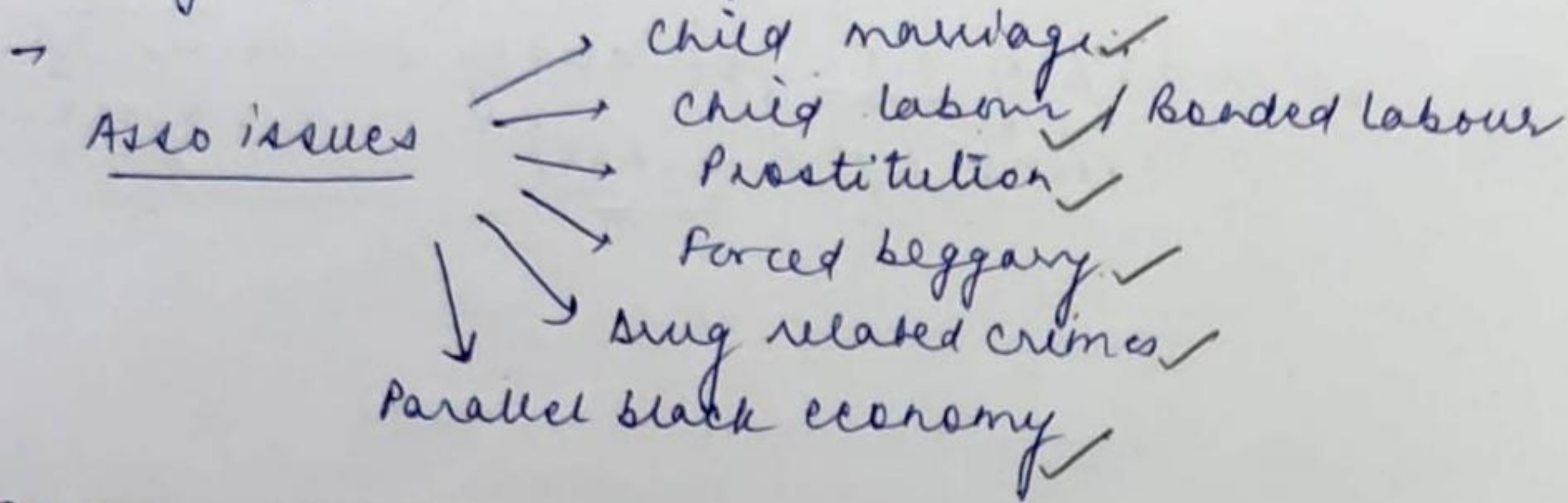
Median
age 28 (2022
-23)

- Demog. dividend contrib. to growth in other countries esp during East Asia's economic miracle (1965-90)
✓ social, eco, pol. policies allowed them - realise growth potential

TRAFFICKING

NCRB Every 8 min, a child goes missing in India

Rtn Apr 2020 - June 2021 - 21 children trafficked every day over nearly 15 months.



Factors

- COVID → Income & econ crisis
- Less of parental care due to death, illness, separation

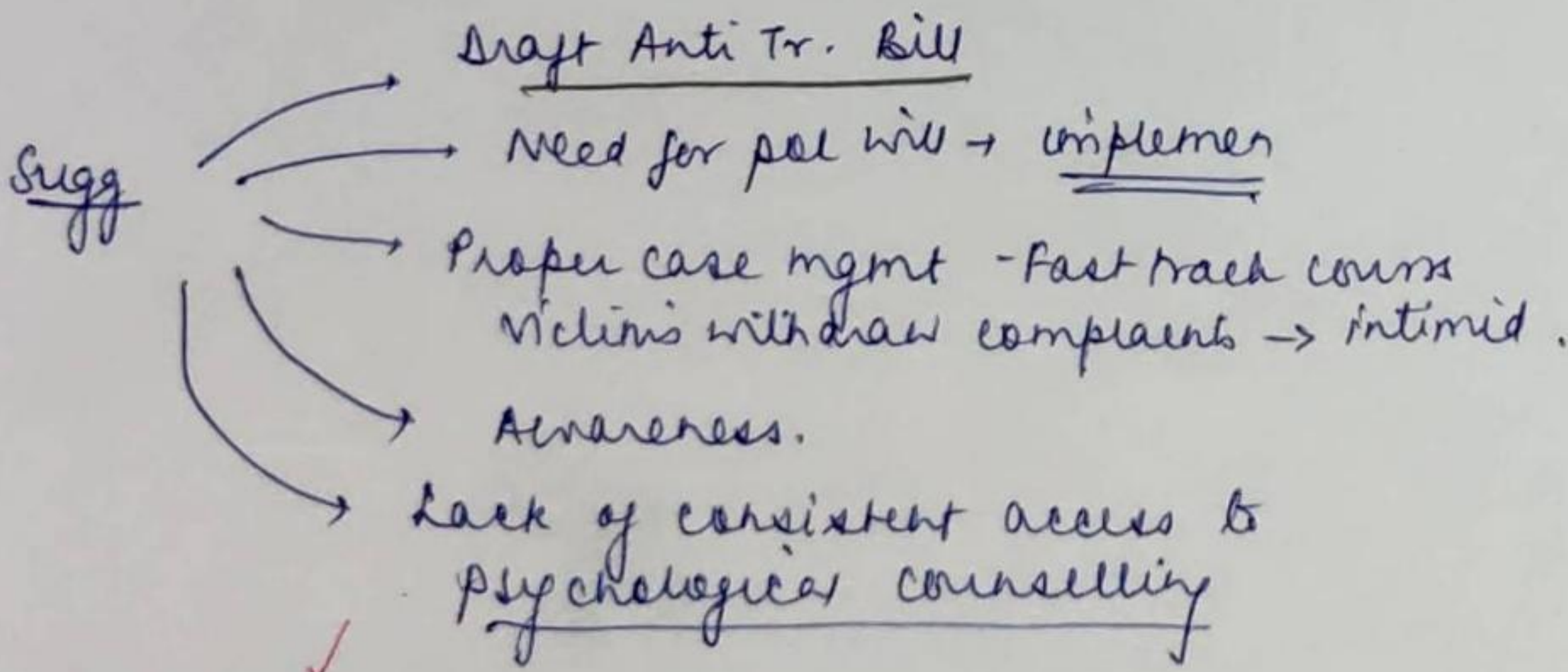
- Cyber trafficking ↑
- ↳ Govt does not maintain any national level data specific to C.T.

highlighted by UNO on Drugs & Crime

- taking adv of loss of livelihoods
- adv. false jobs on social media
- ↑ demand for sexual explicit material.

• Lack of implementation of policy

⇒ AHTUs - Anti Human Traff. Units : specialised district task forces w police + govt officials — set up only on paper.



HEALTH

NCRB 2020

Suicides 10,677 ppl died by suicide (Farm sector)
18% higher than 2019

⊛ ✓ ~ 25% of 1.5L ppl died by suicide → Daily wage earners
(LINKS WITH CLASS)

NTI Aayog - 'Health Insurance for India's Missing Middle'

↳ voluntary contributory health insurance - by
mainly prt commercial health insurers
govt subsidies - Very poor within
'missing middle'

↳ OPD insurance
— subscription basis

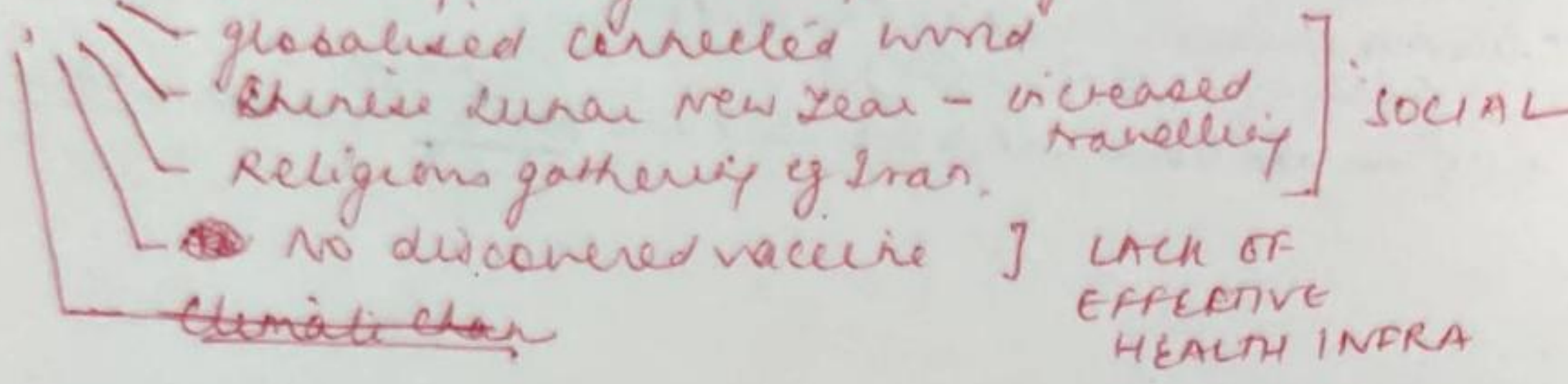
Switzerland

Checks & balances
of benefits etched
in legislation

WHAT IS COVID-19 - family of viruses corona - MERS 2012
 - origin - Wuhan (China) - SARS 2002
 - fever, dry cough.

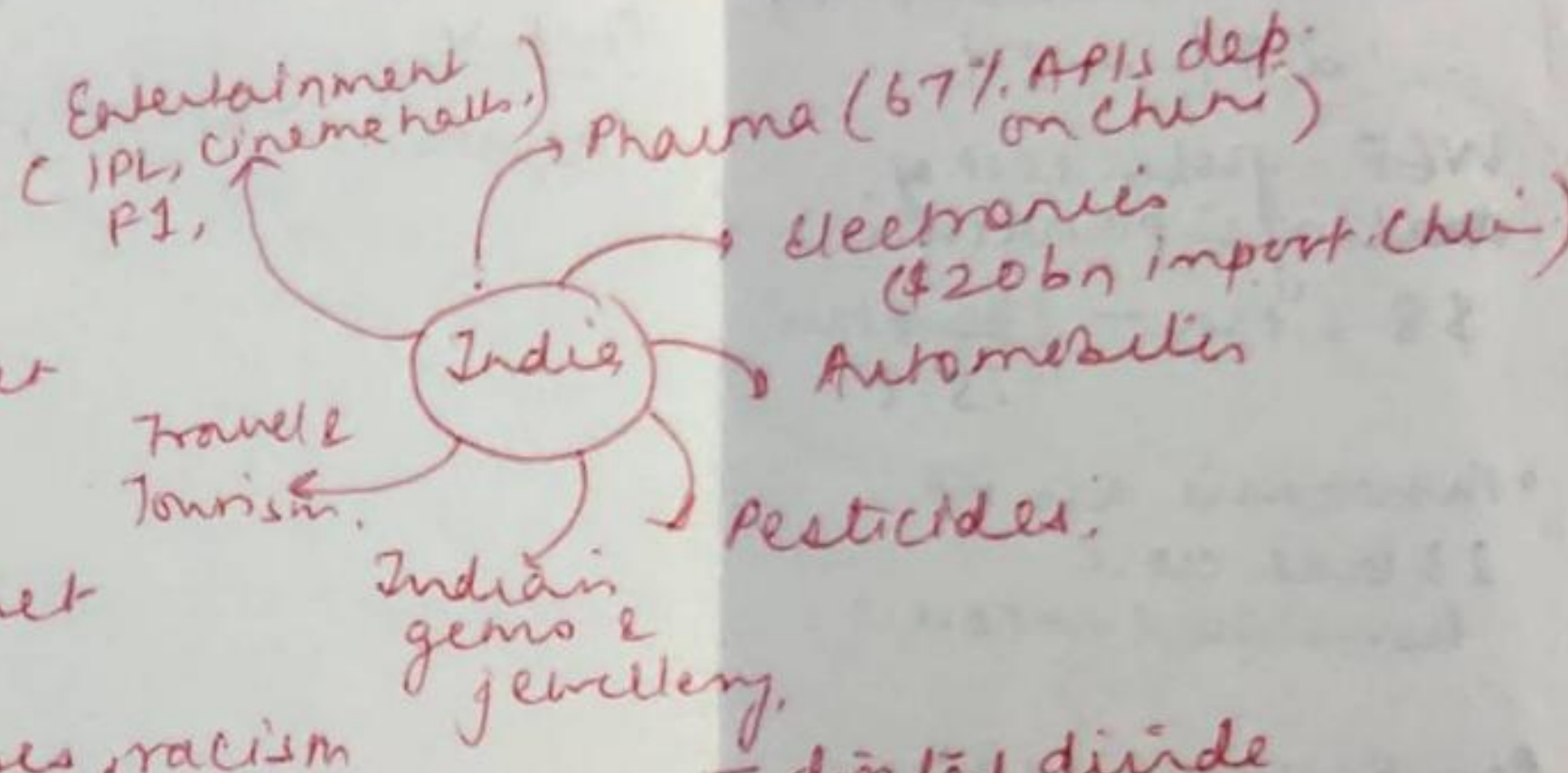
Causes - unregulated wet markets of China
 - Climate change - favourable condition for zoonotic diseases.

Spread - poor reporting, transparency



IMPACT (Global)

ECONOMIC - China - global factory
 - interconnected supply chain
 - UNCTAD estimated \$2.5trn impact on global economy
 - Recession like conditions - unpredictability in stock market



SOCIAL - Stigma - ag. Chinese - stereotypes, racism
 - Shia community in S. Arabia

divorce
 migrant
 increasing cases of domestic violence - NCH 2.5 times more complaints since lockdown
 ↑ family time
 amplifies demand for retirement homes

PSYCHO - social distancing - mental health, loneliness
 Anxiety & fear

Shadow Pandemic

POLITICAL - Privacy of Israel - use of cellular metadata
 Zhang Zang - Internet policing in China - Li Wenliang (doctor)

- Closing down of judiciary in Turkey
 - Immense powers of surveillance

GOVERNANCE - Education - 290mn children affected
 - Strain on pub. health infra
 - Pub institutions - delay of civic pols, judiciary.

ENV - nearly 40% reduction of NO₂ in China
 Ganga Yamuna

IR - Poaching (TRAFFIC)
 locusts

Inequality
 Ambani - 2 cr every hour
 Billionaires wealth \$10-2trn
 Cont.

'FOOD CRISIS' - China - 52% of world's wheat stock
 India - 20% of rice stock
 Kazakhstan has stopped wheat exports

UN: Global hunger could double

die - returning migrants
 procurement issues
 APIC shutdowns
 supply chain disruption
 FCU - Buffer norms 21.04 MT
 Current stock 77 MT

ECO - In India, remittances for 2020 likely to fall by 23%
 (World Bank Group)

Shrunk world economy by 4.4%
Global trade by 5.3%

GDP contraction (2020)
2.4% - 8%

WEF - global cost of dealing w pandemic
\$8.1 trn - ~~\$22.2 trn~~
15.8

Pandemic ate up 13 lakh crore household income.

Pew Research Centre:
No. of poor (< \$2/day) swelled to 13.4 crore from 7.8 cr in 2019.

Domestic violence cases 2.5 times ↑
Lockdown (Feb-May) 2020

SDG 3

- CSE State of Env Report 2021 (Newborns-14yo)
- 'pandemic generation' 375 mn children to suffer long lasting impacts
- 500mn children forced out of school (India - 1/2 of them)
- 115 mn additional ppl to be pushed into extreme poverty - most in SAsia

Culture

Assam - 'Bhramyoman' - mobile theatre groups. - out of work.

Behaviour change:

Health Belief Model - Irwin Rosenstock - a person's health related behaviours ultimately stem from the desire to avoid illness. → perceived benefits - effectiveness
→ perceived barriers

Knowledge/Edu. alone is grossly insufficient to change a person's behaviour.

Econ learnings from Covid 19

- ① 'De-growth' - challenging obsession w GDP as supreme goal of progress. Creates for human progress must be reset. eg Mabel P. Minren - Banerji, Suflo.
- ② 'Civilized welfare' not 'consumer welfare'
- ③ Market is not the best solution
- ④ Collab. essential for progress. No more faith in 'survival of the fittest'
- ⑤ Intellectual property belongs to the public.

Peaching doubled during lockdown. (TRAFFIC report)

COVID

Azim Premji Univ report : 230 mn Indians slipping below poverty line during pandemic (1st wave)

data integrity

Orphans

Lancet study - 1.2 lakh children lost primary caregivers in India.

Study by Azim Premji Univ
Report - 2020
- 1.2 lakh children lost primary caregivers in India during pandemic
- 1.2 lakh children lost primary caregivers in India during pandemic
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Study by Azim Premji Univ
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Education and COVID

Closure of schools \downarrow chances for edu enabled
social & econ mobility \downarrow

2. Boys - Enablers
Girls \rightarrow House chores \rightarrow Poverty \rightarrow Terrorism, Asocial elements, Demogr dividend \rightarrow disaster.

3. Forgotten what they learnt

4. Losing benefit of school env. conditioning \rightarrow secularism, equality, fraternity

5. Mid day meal - Nutrition
Scholarships

6. Health - Vision, Cognitive capacity

- easy mobility, flexibility
- Techs - process - interactive, collab.
- Personalized learning exp - @ own pace
- Need for less paper

Digital Learning

(+)

ICRIER + LIRNEA study: only 20% of school age children in India had access to remote edu during pandemic - of whom only half participate in live online lessons

\rightarrow Inaccessibility - ASER
Inequality

Study by Azim Premji Foundation

6-11 yrs

- 92% children on avg have lost at least one specific lang. ability
- 82% - mathematical ability.

Mis of Edu UDISE + report

- * Only 22% of schools had internet facilities
- * Only 37% of schools had functional computer facility on campus.

ASER 2021

- ✓ % of rural children not enrolled in school
- ✓ doubled during pandemic
- ✓ Orissa 91% - Kerala
- ✓ Bihar 10%

COVID

Rapid Rural Community Response

- ~40% of sample cut down on food during 1st lockdown
- 80% cut down - milk, veg, pulses, etc
- 70% reported reduction in incomes post pandemic

CMIE: 7.5 mn
job loss

Pew Research Centre - Middle class shrunk by > 32 mn households
(India) in the past year.

Poor (< \$2 a day) increased by 75 mn
(60% of global increase)

+ ↑ in MNRCA particip.

Oxfam - Inequality Virus Report

- Rich were able to escape the pandemic's worst impact
- wealth of Indian billionaires ↑ by 35% during lockdown.

Inequality

⊛ Informal workforce - Int. workers - 75% of 122 mn jobs lost.
Migrant workers

'Shadow epidemic' ⊛ women - unemployment rate 15% → 18%.

⇒ 83% subjected to cut in income

⊛ Children - Mid day meal: depriving children of nutrition

⇒ CSE pandemic generation - 375 mn. - child labour
ASER: < 1/3rd of schoolchildren accessing online edu.

UN WFP

Global hunger could double

UNDP: Addⁿ 207 mn ppl could be pushed (by 2030) into extreme poverty

UNWFP: Global hunger could double.

Oxfam report

↳ In Brazil, ppl of Afro descent 40% more likely to die of COVID 19 than white ppl.

↳ 5 steps towards a better world

- Move beyond GDP to actual dev.
- Invest in free universal healthcare, edu.
- ↑ job security
- wealth tax
- Invest in green economy.

EDUCATION

Jamtara district (Jharkhand)

↳ 'phishing capital of India' 15-35 yrs → turning to cyber crime

↳ public library movement - 45 lib.
↳ unused govt. buildings - renovated & converted into public libraries

COVID Impact

Azim Premji Univ

→ missed out on regular curricular + 'forgetting' prev. yr. know.

92%

of students Class II-VI → have lost at least one specific foundational ability in languages

82% → Maths

Online Learning

- Diksha portal
- e-Pathshala - NCERT app 1-XII
- SWAYAM - 1900 complete courses.
- Swayam Prabha - 320TH.

Differential Impact

- Spatial, Digital, Gender, Class divides.
- Women/girls - household chores.
- Children have forgotten what they learnt
- Inattentive
- Less chances of returning to school
- Mid day meal scheme, school health prog.
- Premkhi scholarships to girl children.

• Ministry of Education - UDISE+ report (2019-20)

→ 22% of schools, 11% govt schools → Internet access.

→ 37% " → computer access.

• Rajasthan - vocational edu - since class 6.

HEALTH & SANITATION

WHO report: WHO + UNICEF - Globally ~~1/4~~ ^{8,27,000 ppl in Low & middle income countries die due to inadequate water, sanitation, hygiene each year.} healthcare facilities

- WHO report - For every dollar spent on/ invested in sanitation → \$5.50 to be gained in lower health costs.

★ Standing Committee on Water Resources:
 only ~50% of govt. schools & anganwadis have tap water.
 < 80% of schools in U.P. have it.
 < 11% in WB.

• PM Swasth Suraksha Yojana - AIIMS, upgrading existing govt. help.

• MoHFW → Rural Health Statistics

	2005	2020
<u>Bihar</u>		
Pring Heal. Subcentres.	10,337	→ 9,112
Commun. H.C.	101	→ 57
<u>UP</u>		
PHCs	3660	→ 2880

- Only 29% of specialists in place - Com. H.C.s.

(WHO) - 0.8/1000 vs 1/1000 doctors

- 1/2 abed / 1000 ppl.

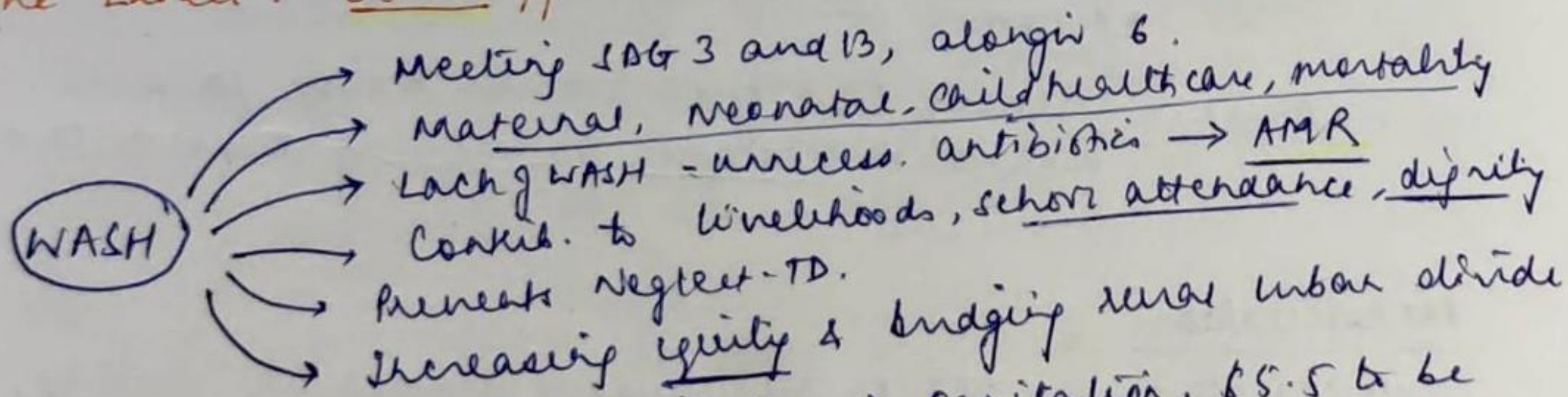
• World Bank data

2017 85 7 physicians per 1 L ppl. } lower than Pak, Bang & SL
53 beds - " }

→ Need for 'Pandemic Preparedness Unit'

WHO: 62% of total health expenditure in India - OOP.

The Lancet: 65 mn ppl w diabetes in India (2016)



WHO: For every dollar invested in sanitation, \$5.5 to be gained - lower health costs & productivity.

Funds: Central allocation for National Urban Health Mission - ₹1000 crores - < ₹2 / month per urban Indian.

Privatisation NITI Aayog recently pub. doc. - Investment oppor in India's healthcare sector.

WOMEN

despite 33% reservation, no women Station House Officers (SHOs) in any of the 178 police stations in Delhi

Judiciary

Positive Judgements

→ SC: Kharvilkar - Shat Bench - refrain from imposing marriage / compromise b/w sex offender & victim

↳ 'Bangkok General Guidance for Judges' - applying gender perspective in SC etc.

⊙ NDA admission test

⊙ Sainik school admn.

⊙ Permanent Commission

→ Min of Defense v/s Sabita Puri's case - equal treatment as citizens in army

→ Anuj Garg case - called out notion of 'romantic paternalism' as an attempt to put women in a cage.

Cooperatives

Need for training & mentorship

→ Int. Dev. Research Centre (IDRC): 93% of women farmers who receive training alongside finan. support succeed in ventures v/s 57% of those who receive aid alone.

• 1,90,000 dairy coops → 6m women members.

→ Prem Bai (Raj.) - Bhilwara Milk Union - now main breadwinner in family

→ Shreeja Mahila Milk Producer Company - 24 women → 90,000 members.

→ Amul - released list of 10 women dairy farmers - became millionaires by selling milk to company

Menstruation

way forward

⊙ Awareness - PadMan - Period Oscar

⊙ WASH Infor - Cheap - Oxo Biodeg. S.N. → ₹1

UNICEF study (2011)

→ 60% of girls missed school on acct of menstruation

→ 79% faces low confidence due to mens.

Menstrual Leave

⊕ → Art 21 Right to dignity
 → Art 15(3)
 → Inescapable monthly biol. process
 → Art 42
 Countries - Japan, Korea, Indonesia - Bihar

⊖ → discrim ag men, ag. const. right to equality, prone to misuse, prejudice employers ag hiring women

CHILDREN

ITU - 2/3rd of world's children do not have access to internet @ home.

- UN Convention on Rights of the Child

NCRB 2019 - Every 8 min, a child goes missing in India
- 60% of missing children traced.

MOWCD - Track child, Khoya-Paya.
MHA - of Muskaan - rescue/rehabilit. missing children

Human trafficking - propeller of several other crimes:
creates a parallel black economy - fuels child labour, child marriage, prostitution, bonded labour, forced beggary, drug related crimes, corruption, terrorism, other illicit business.

① 1.2
LAKH
orphans - lost either one/both parents
(Mar 2020 - Apr 2021)

① India 71 mn children (5-11 yr) access internet
(14% of active internet user base 500mn)
- 2/3rd internet users - (12-29 yr)

(Lancet Study)

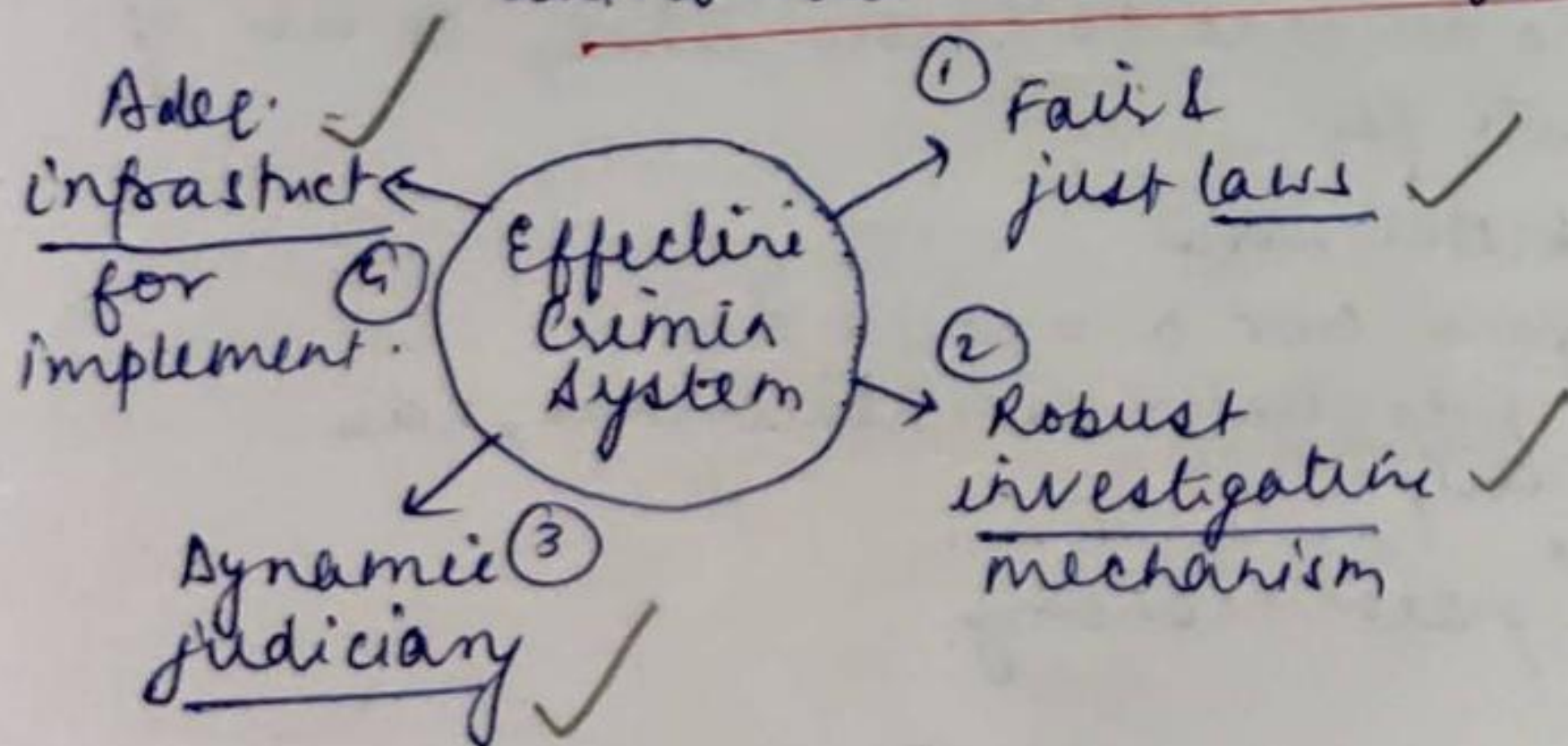
UNESCO 1/3 students - bullied at least once in preceding month.
Rise of unsupervised screen time. \hookrightarrow more likely to leave formal education.

WOMEN

Most govt when dealing w women's safety, inevitably turn to enacting new laws rather than ensuring a more effective legal system.

- Mahar. Shakti Criminal Law Bill 2020

same cliché of harsher punishment, more authorities & wider definitions



HEALTH

2015 → 2018

ORGAN DONATION

- Steep drop in donors in Kerala (76) (8)
- More than 3/4 of donated hearts and lungs do not get taken

WHY? → Loss of public confidence / trust ^{gap} Kerala: perceived scandal that Pvt hospitals declaring persons brain dead when not really so to harvest organs
 → Inequity, High cost (5-25L for transpl.) despite organ coming free.

SOLUTIONS

* Cross subsidisation rather than public subsidy (only 1.2% Health budget, Benham) eg every 3rd/4th transplant in Pvt. Hospital be done free - hospital, doctor, recipient footing bill → better ways to spend

- * Hospital & transplant approval — Substitute bureaucratic procedures to self declaration, mandatory sample verification.
- * Full state autonomy - limit Centr. govt interference demotivates hospitals.
- * Transparency in operations of state organ distribution agencies.
- * Making online organ distrib. norms.

Public trust

ANAEMIA

Lancet Global Health Study report

- India • Men 23%
- Women 53%

Childcare scheme in urban areas

- Urban areas likely to receive renewed focus under ICDS prog → NITI Aayog to dev. draft policy
- Models that work in rural areas may not work in urban areas

7/100 anganwadi centres are in cities

- Census 2011 32% pop in cities

- ① Higher popu density
- ② Transportation challenges
- ③ Migration
- ④ Only 1.38L/14L anganwadis in urban areas
- ⑤ National Nutrition Survey

• malnutrition among ch. in urban India — poor levels of breastfeeding
 • higher prevalence (mothers → long dist. for work) by ~~not~~ obesity

Solu — Improving infra, strengthening safety in urban areas

Anganwadi Day Care Centres

- supplementary nutrition
- pre school non formal edu
- nutrition & health edu
- immunisation
- health check up
- referral services to hospitals

data entry sys
 ↳ Rapid Reporting Sys.
 ↳ monitoring.

UNICEF Status of children Report 2019

IMR → 33 (2019)
 39 (2014)

MMR 167 (2011-13) → 130 (14-16) → 122 (15-17) → 113 (16-19)

Office of Registrar General.

Rajasthan

Food fortification

Model state

edible oil & dairy ind - achieved dist. in fortification of products

- wheat flour, soya dal, oil, milk
- Eat Right campaigns
- Campaigns for awareness - effects of food adulter.

Need → strengthen regulatory mechanism to ensure quality & safety of fortified foods

→ mandatory fortification of **oil & milk** with **WFA & D.**

Maharashtra Food & Drug Administration

eg **Paule Lilal School**

substitution of **wada pau** by **wheat based burger**

inspections in school. ensure healthy food.

NIMHANS (National Institute of Mental Health & Neuro Sciences) training **ITBP** staff → combating stress & other psych. issues. **TN. police.**

nCOV - **Global Preparedness Monitoring Board** (tracks progress in anticipating the next health emergency, identifies gaps in reaching that critical pt.)

- adequate funding of public health systems
- strengthen & support systems even in the absence of epidemics & pandemics.

सतर्कता सेल

Kerala

Vigilance Cell for Health (Health Dept)

to be headed by police officer

P's → detect **pract** practice by medical edu **service doctors**

→ crackdown on **quackery**

→ unearth **ethically dubious financial rel'ships** b/w state doctors - diag. clinics - pharmacies etc.

→ monitor **health care advertising**, **false claims** to **mass market drugs**

→ claims about **Ayurvedic drugs** - **off the shelf cures**

→ prosecute **self styled healers** - **fuel scepticism** about **vaccines**.

Ayushman Bharat

- 171 hospitals de-commissioned → charges of fraud.

NITI Aayog

→ **1/3 (2019)** **Aadhar based paym.** of **PM Mahu Nardarda Yojana** credited to **wrong a/c.**

technical errors - faults in form filling

CORONAVIRUS - INDIA

Monitoring
अनुसंधान / प्रयोग

- 645 evacuees from China → health checkups & camps — AFMC, ITBP → regular monitoring
- Testing facility — @ National Inst. of Virology, Pune. — by ICMR.
 - ₹ 100 for air. control — 24x7 helpline
- Thermal entry screening of passengers from China — 21 airports
lighter arrangements, dry dec. forms.
- Kerala — Traced 100s of contacts of ³ confirmed cases — notified them to Integrated Disease Sur. Prog. similar to nipal virus
 - Unique community based isolation methods
 - Kerala model of monitoring — DC as admin unit. best practice.
- All states — Robust sys. of contact tracing, community surveillance → comm. engagement, sharing info, issuing daily health bulletins, shilling health workers → new guidelines
- States bordering Nepal → special gram sabhas to empower ppl w/ information
- NIV — genomic sequencing of nCoV — attempting to isolate virus — to replicate it for further research.
14 viral research & diag. labs — upgraded for nCoV research.
- Neighbourhood First policy — evacuated Maldivian nationals from Wuhan
 - technical assistance to coast — serop. lab.
- Public has helped → preventing dissemination of wrong info.

Kerala

- * aggressive surveillance and quarantine strategy.
- Intra* Every district → tertiary care facilities (ICU + ventilator in 2 pub. hosp + 1 prt.)

- * State Control Cell for COVID-19
 - ↳ multidisciplinary teams (18 subdivisions for Nipah)
 - surveil ↓ → awareness
 - training

Micromgmt

- * 24x7 helpline Disha.
- * District mental teams — psych. social support over phone to stressed families quarantined.

marketisation of public health
• GDP contrib. ↑
• foster competition
• mobilise prt. resources

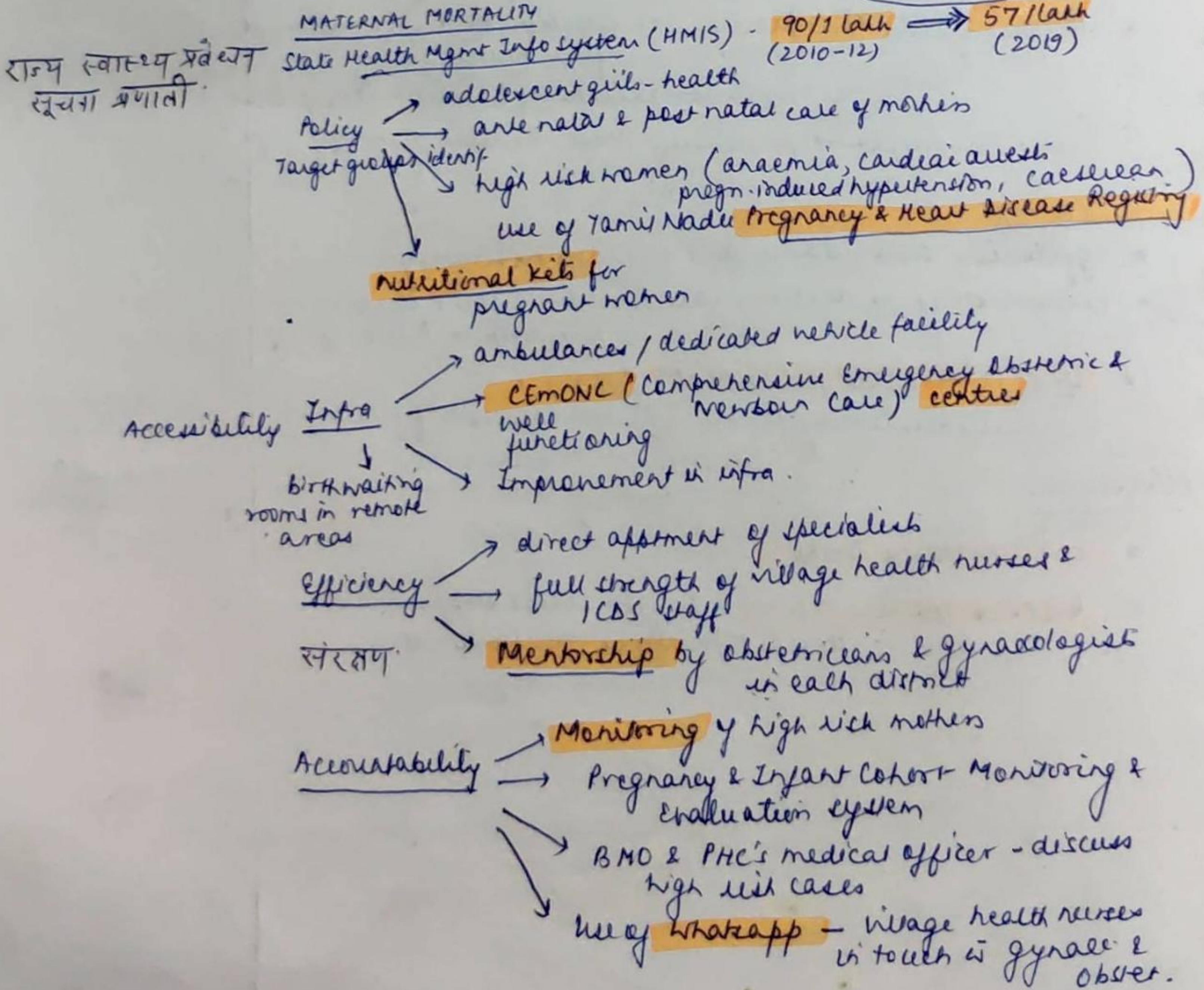
Intro

- Malnutrition - affects $\left\{ \begin{array}{l} \text{cognitive ability} \\ \text{workforce days} \\ \text{Health} \end{array} \right\}$ $\left[\begin{array}{l} 16\% \text{ of GDP} \\ (\text{World Food Prog} +) \\ \text{WB} \end{array} \right]$
- SDG - Goal 2: Eliminating Hunger - 2030
- Global Hunger Index 102/117.

Aspects

- ⇒ Agriculture - Shakti Poshan Kishi Kosh
agri-nutrition link to be strengthened.
- ⇒ Calorie deficiency - ICDS, Mid day meal.
- ⇒ Protein hunger - Mid day meal
- ⇒ Micro nutrient deficiency - Horticulture Mission
- National Millet Mission
+ National Food Security Miss)
- ⇒ Implementation POSHAN Abhiyaan - 72% budget → ICT for monitoring.
- ⇒ Promote FPOs for nutrition based activities.

TAMIL NADU



Madhya Pradesh

Highest % of neo-natal deaths - 11.5% (country's avg - 7%)

- Reasons → Staff crunch (1/2 of req. staff nurse strength)
- absence of special neonatal transport service to health centres
- non-availability of units to cater to institutional deliveries
- Most units - district HQs.

WHO - Global Health Security Index : India (57th) / 195

↳ 6 categ

4 pillar health agenda

- Early detection & prevention
- Better collab - health serv. providers
- Investment in health & edu
- Better care of environ & biodiv.

+ egs → Thailand (6th)

→ Kerala NIPes

- ↳ Invest in edu & health long term
- ↳ Avail. of equipment
- ↳ Public info campaigns.
- ↳ Capable public health prof.

WHAT TO DO

- ① Clearer protocols for surveillance (detection) - effectively communicated to health prof.
- ② Fill gaps - supply of diagnostic equip, health facil., hygiene practices
- ③ Partnership btw public & priv, low countries - sustain supply chains of collab approaches - TB, AIDS, malaria.
- ④ Emergency loan facility - 'deferred drawdown option' - WB uses for disaster
- ⑤ More investment in health & edu - India 1.5% of GDP - WHO - India only 80 doctors / 1,00,000
- ⑥ Protection of env. & bio diversity
 - ↳ 2/3rd of known pathogens - spread from animals to humans.
 - (Increased human encroachment on wildlife territory, land use changes) ↑ human-wildlife inter.
 - HSBC Study - India one of the most climate vulnerable countries.
 - Link btw pollution & viral infections.

- ⑦ Universal thermal screening @ all intl airports
- ⑧ mandatory filling of declaration forms at places visited
- ⑨ Testing, quarantine facilities @ district level
- ⑩ Integ & Coord. of ministries - Home, Defense, Railways, Labour, Health, Info & Broadc.

AYUSHMAN BHARAT - world's largest, most ambitious publicly funded healthcare assurance programme.

- 32/36 states
- 84 lakh free treatments to poor. 22,000 empanelled hosp.
- PMJAY - one free treatment every 3 seconds, 2 benef. verified every second.

→ one govt bed → 1,844 patients
1 doctor → 11,082 patients
Need for 150,000 add'l beds — esp Tier 2, 3 cities

Need - Startup ecosystem
• More than 4000 health care ^{tech} start ups in India
• AI platform → rapid radiology diagnoses in low resource settings.
• Tele-ICU platforms - high skilled care personnel.
• Centralised drug delivery - blood, medicines, vaccines to remote locations

Constraints

- Non uniform regulatory, validation stds.
↳ huge variations in validation requirements @ states & hospitals
- Operational liquidity crunch
↳ long gestation pd.
- Lack of incentives, adeq. frameworks to grade & innov. adept.
- Procurement challenge.
↳ lack financial capacity to deal w lengthy tenders; price recovery
↳ fragmented customer base, ltd. systematic channels for distrib.

What to do

- ⇒ Visat & seamless interface b/w hospitals and healthcare startups
- ↳ startups can be effective collaborators. — health care delivery challenges. equal partners
- ↳ rather than mere suppliers of tech.

'Fit India campaign'

- 'Dawa Dost' store
↳ 80% off generic med
- pulse health machine
- advanced body mass chairs
- 'Eat Right Station'
↳ healthy eating options

Fitness

- Anand Nagar Railway Station : 30 squats - free platform ticket
↳ 'Fit India Squat Kibch'
- Telangana - Kaminagar districts - 8th best police station
↳ gym, well equipped w fitness training equipment

Health - Private sector

- ↳ 93% of all hospitals
- ↳ 64% of hospital beds
- ↳ 80-85% of all doctors

Antimicrobial resistance

CAUSES

- Patient - lack of public sanitation
OTC sale
- Hospital - unhygienic conditions
- Doctors - unnecessary prescription
- Govt - lack of regulation
- Industry - Poultry industry
- Agriculture - growth promoters in poultry
antifungal chemical use

colistin use in poultry
Poultry litter used as
manure to grow veg.

Kerala - geotagging
of poultry farms

Impact

- High cost
- Longer duration of therapy
- Higher mortality

Solu

- Restraining prescriptions

TB

Aim: Elimination of TB by 2025

4,80,000 TB deaths in India - every yr.

4.2 mn ppl - undiagnosed in world ~~pop~~ → 1 mn in India
'Missing millions'

Steps

- Incentives for reporting
- Expansion - diagnostic framework
- Penalties - 6 months - 1 yr for non-rpt. by public officials

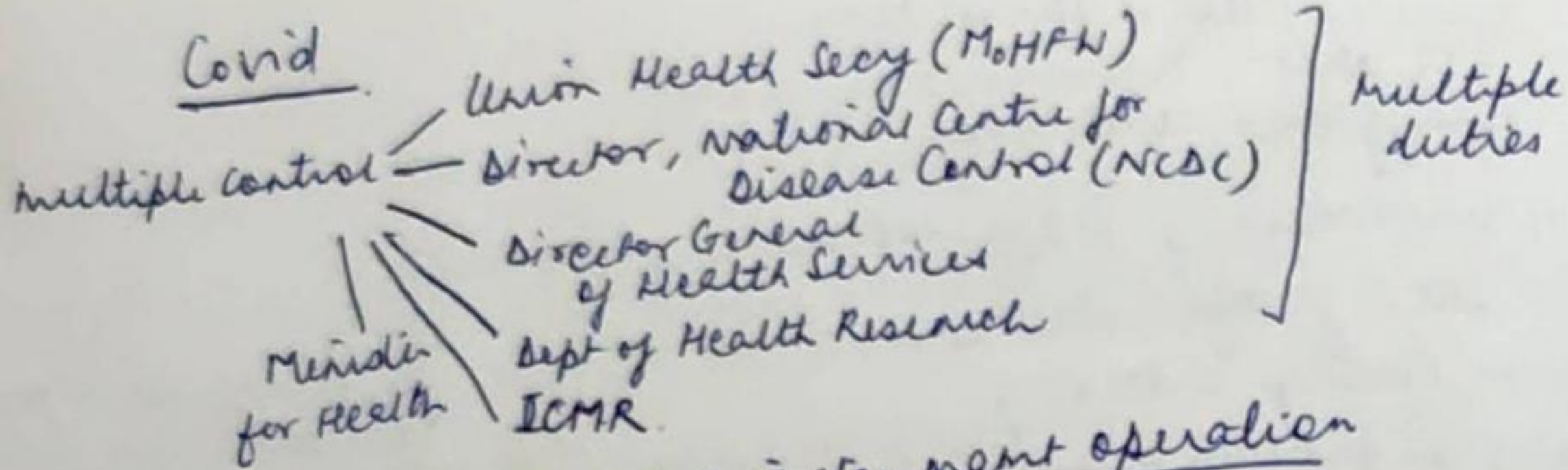
COVID

What to learn from China?

- Speed - identification
quarantine
tracing contacts
- Free treatment & testing
- Technology
 - Apps - whether one has been in close contact with anyone infected.
 - 300 ppl who visited noodle shop traced through phone data
 - Purnam Covid doctor app - connects 300 mn users patients to doctors & patients.
 - Aishabe - Health QR code - colour codes to citizens marking risk level.

→ Face+++ - temp. screening tool
screen 1000s of ppl.

- Food delivery apps
- 5G Telecom network
- Virtual classes - education
- Drones - public loudspeakers



→ Need for dedicated disaster mgmt operation under Prime Min

- decl. of national emergency
- 'war machinery' - 'task force' of best experts in country
- 24 hr control room
- short term, medium term, long term goals/responses.
- ~~Agency~~ Agency exclusively for mgmt constant watch on socio-medical, sociological developments - remedial & containment measures.

Jharkhand

- Latehar district
- Asur community (23,000 popu)
- PVTG (7-8k well conversant)
- Use of mobile radio to transmit news prog, songs
- Asur lang → UNESCO Interactive Atlas of World's Lang in Danger

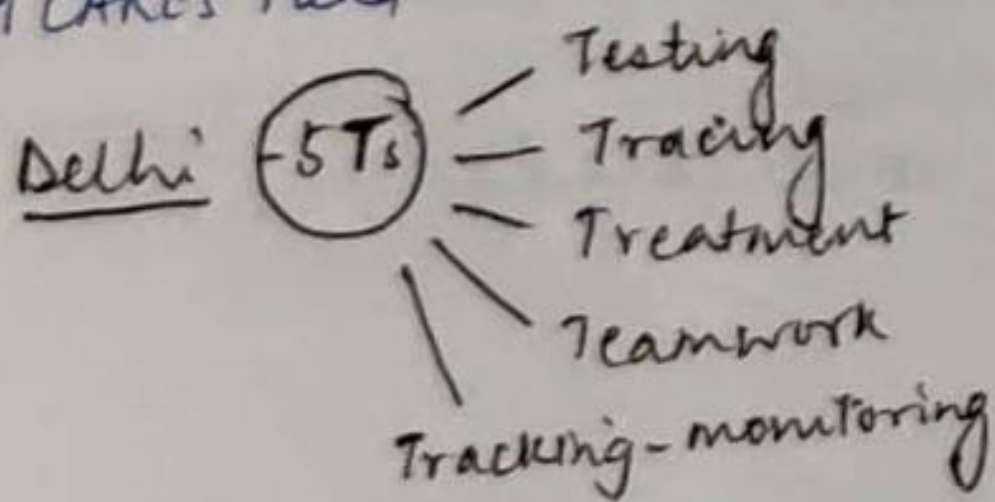
Steps

1. 7L Cr. relief package.

- PM Garib Kalyan Yojana - poor & migrant workers, farmers, women, pensioners, widows, disabled
- Insurance cover - ₹50L per person for doctors, medical workers.
- 5kg extra rice & wheat, 2kg pulses
- ₹500 - women; ₹1000 - senior cit disabled widows.

₹20 - ₹5trn → economy.

• PM CARES Fund



Delhi - Operation SHIELD.

- Se-ricks converted into chariots alerting ppl abt. symptoms of Covid 19.
- IIT - Trupath - game 'Solve Covid 19'

Impact - डिजिटल नगरशाही

Possible 'digital authoritarianism'

AI powered surveillance - a capacity for predictive control / 'social management'

सामाजिक प्रबंधन को शक्ति देलपुन (Maharashtra) - basic lessons drawn on walls of houses.

MISC

8mn - West Asia, 3mn - Africa

- Global Migration Report 2/3rd of all mig → labour related migration
Largest diaspora - India - 17.5 mn.
Top destination — US, Germany, S. Arabia
- NH7 Weekender takes queer affirmative action - partnered w The Humsafar Trust, (Neutrality pt, info on what to do as bystander on sexual assault) an LGBTQI+ org.
- LANGUAGES
Art 29 - Section of citizens having distinct lang, script, culture have the right to conserve the same
2001 Census - 30 lang - > 1 mn ppl each
122 lang - at least 10k ppl
1509 lang - dialects
Tulu - 18.5 L speakers (Still not in 8th schedule) — Manipuri 17.6 L speakers
Yuelu Proclamation (UNESCO) - Protection & promotion of linguistic diversity helps to improve social inclusion, reduce gender and social inequality
guarantee rights for native speakers to receive education, participate in social decision making etc. — Sanskrit 24,000 "
- Anna Vadi scheme - ₹15,000 to mothers to send children to school

NCRB CRIME IN INDIA 2018

- UP tops list in crimes ag. women
- Conviction rate in rape related cases - 27.2% → Cruelty by husband or his relatives
Rate of filing charge sheets - 85.3% 31.9%
- Accidental death & suicides in India 2018 — Highest - Maharashtra
Farmers - 7.7%
Daily wage lab - 22.4%
- Swalekhan App (Self writing app) → to academically empower visually impaired students
↳ NGO Andh Manta Vikasalaya.
— Android text to speech app (typing tutor)
— reduce reliance on scribes
— 78 innovative lessons.

✓ Karnataka Anti Superstition Law - bans 16 practices
— bans 'made thara' (salts rolling over in leprosy)
— banning menstruating women from entering temples
— beating witches
— fire walks - coercion

- Human Trafficking
2011-2018 (NCRB) - ~36,000 cases → only 82 (0.2%) provided compensation
part of Nibhaya Fund - Victim Compensation Scheme.
2018 SC directed NALSA to frame standardised victim compensation scheme.

2017 Survey
(The Teacher Foundation)
+ Wipes

→ 42% children in India bullied in schools,

→ 9 yr old in Chennai dev. anti-bullying app
enable person to anonymously report such instances
to the authorities. - to teachers, guardian, friends.

Accessible India Campaign → Public office } access
→ Transport } for PwD.
→ websites }

→ Minig 787/889 made accessible
Unswipe
UberATL

→ Aeri - 50% websites to be made access - but no date
→ 3.6% of buses - fully accessible.
→ Aisports - All 35 int'l, 55 domestic - ✓

• Siddhatrikes - Karnataka } inclusion in ST category.
Painava, Talavara commu }

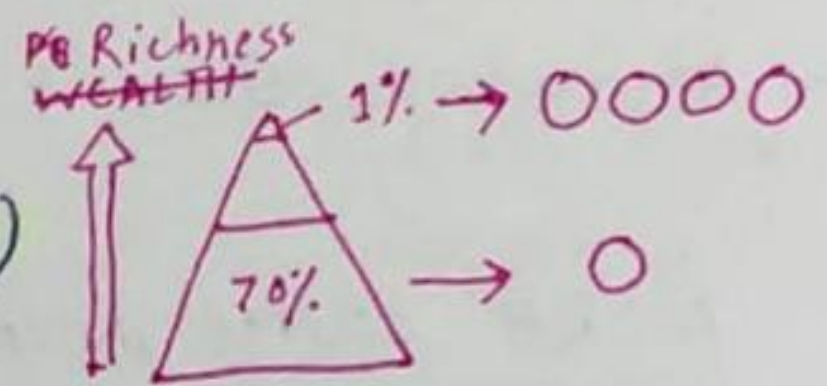
Punjab -
equipping disabled
women to run
e-rickshaws.

Inequality

Oxfam Report 2020

India's richest 1%
63 billionaires

- 4 times (bottom 70%)
> Union budget



MOB LYNCHING

2018 SC : 'horrendous act of mobocracy'

- Tehseen Poonawala case recommen.

growing
chasm btw ppl's
perception of justice
and actual
conviction/judicial
process → long
drawn out

- Acts / Bills by various govts

① Manipal 2018 - Prosecution of police officers for dereliction of duty, compensation

② Rajasthan - 86% cases post 2014 from Raj.

③ West Bengal - death penalty

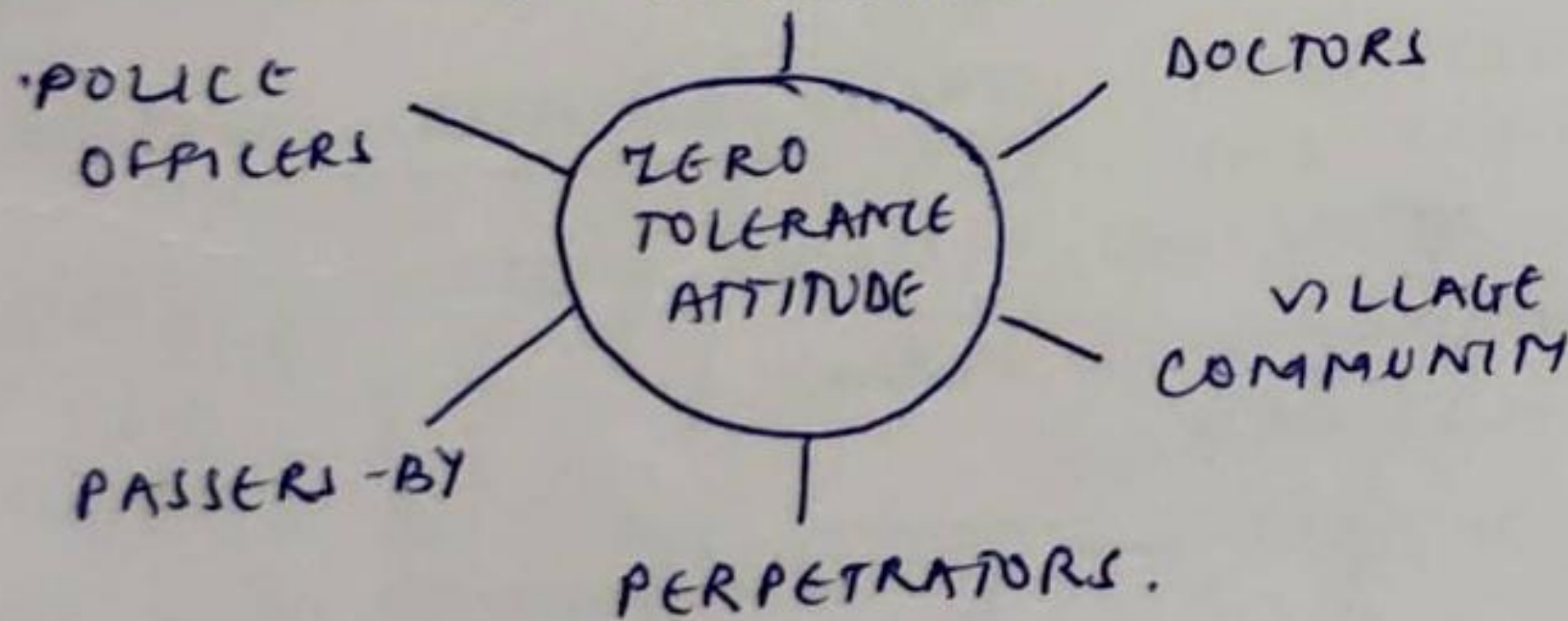
WAY FORWARD

Centre : Incorporation of sections in law for penal action against :

- doctors for dereliction of duty
- delay in attending to victims of mob violence
- submitting false reports w/o carrying out proper thorough investigation, medical examination.

- Compensation scheme - amount should be recovered from perpetrators of crime / collective fines to be imposed on villages where lynching takes place.

- Punitive action against political leaders found guilty of inciting mobs
POLITICAL LEADERS.



SEXUAL HARASSMENT AT WORK.

Sexual Harassment of Women and Workplace (Prevention, Prohibition & Redressal) Act - POSH, 2013

applicable to
govt. offices,
private sector,
NGOs,
unorganized
sector

↳ origin from Vishakha guidelines
1997

- Prohibition
- Prevention
- Redressal.

- Procedures for complaint & inquiry
- Every employer - Internal Complaints Committee - 10 or more employees.
↳ similar to civil court

• Sports Authority of India
29/45 cases against coaches.

• ~~SI~~ Accusation ag. CJI

CRIMES AGAINST WOMEN

STATS

STEPS

- Nirbhaya Act
- Nirbhaya Fund
 - Emergency response support system
 - central victim compensation
 - cybercrime prevention of women & children
 - one stop centre scheme
 - mahila police volunteers
 - universalisation of women helpline

Bar Council of India:
 - demanding separate police force
 - replacing British sys. of investigation & trial w/ French inquisitorial system.

Forensic Lab
 special courts
 spl. police

- Andhra - DISHA Act - 7 days investigation complete
 21 days trial - rape victims
- Delhi
 - Harassment Curriculum
 - Sensitization - auto driven - truck driven
 - Himmat App.
 - DCW w/ DSLSA - legal clinic - free legal aid

Punjab Resolution for Sikh women to sing hymns in sacred sanctorum (urgir Akal Takht, SGPC)
 Maharashtra
 all women police stations in every district?

Gender Inequality Index 122/162 (UNDP) . Gender gap Index 112.
 May take 202 yrs to close gender gap in econ. opportunity

MGNREGA - women only

- Only 14% women, 10% men - no gender bias
- many ppl step away from poverty - climate change aggravation

Maharashtra State Comm of Women

Edu Telangana - Op. Blackboard 41,000 women learnt from children - Telugu alphabet cleared exam

digital training of tribal & rural women for self sufficiency in digitization

UDAAN, Swachhman scheme - distrib of sanitary napkins.
 Comp. National Nutrition Survey - direct corr. b/w mother's edu & well being of children.

- Levels of stunting, wasting, low weight lower
- 11.4% of chil. of mothers w/ no schooling - adequate meals.
- 31.8% " " upto class 12

Kerala - high women literacy -> high dev. indicators

✓ Gyarah - 60 girls asked to remove undergarments to prove they were not menstruating. (had entered temple & kitchen)

✓ Petal Pacheri village (Madurai) - room specifically dedicated for women to use during menstrual cycle.

ASER

↳ 20% rural students lack books
 ↳ 1/10 → access to online classes

peer learning through teachers forum

EDUCATION

Annual Status of Education Report 2019 → pre school system fails to give children a strong foundation
 - 2/3rd of those in 2nd std. cannot read a text @ age 7 that they were meant to read a yr earlier

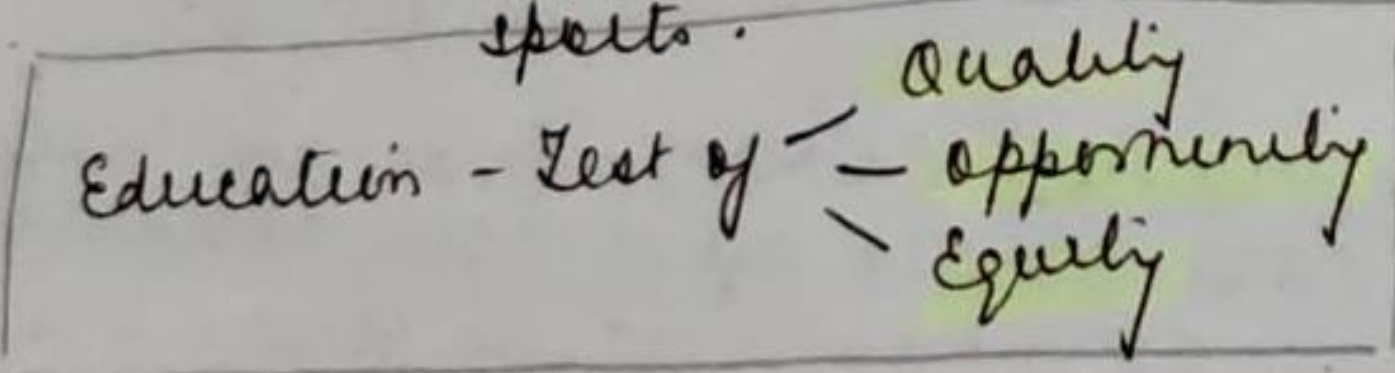
Delhi education model

- ① → School infra transformation - furniture, smart boards, audi, lab etc.
- ② → Training of teachers & principals - exposure to new pedagogy & leadership training (Cambridge, NIOS papers, NM-A)
- ③ → Reconstituting School Mgmt Committees regular dialogue btw teachers & parents - mega PTMs.
- ④ → Major curriculum reforms.
 - Operation Bureyaid - foundational skills - summer hols.
 - Happiness curriculum (nur - class 8) - emotional well being
 - entrepreneurship mindset curriculum - Class 9-12
 - problem solving & critical thinking abilities
- ⑤ → No fee in priv. schools. (Refund ₹32 Cr)

Agenda 2.0 → Review of syllabus Class 1-8
 • building emotional resilience
 • early childhood care & Edu → deepened further through anganwadis

foundational learning
 happiness curri-
 'deshshakti' curri.
 (values core const. values)

- tackle 21st cen prob.
- Delhi Education Board to be set up
 - promote learning - encourages critical thinking, problem solving, appl. of knowledge.
 - soft skills prog - graduates from delhi schools → employability ↑
 - Specialized schools in each of the 29 zones of delhi (S&T, literature, visual & performing arts) sports.



AISHE

60% of India's 41,000 colleges are in rural areas
 78.6% privately managed.

Parli. Standing Committee on HRD.

56% schools - electricity - In M.P only
 57% " - playgrounds

World Bank - STARS project - larger role to non state actors, ↑ use of tech.

Need

- ① Capacity building - Adequate physical, financial, human resources
 Vacancies, w/o basic equip.
- ② Admin, governance reforms: greater discretion to ~~frontline~~ frontline bureaucracy
 Local issues & intro - greater decentralisation → SOCIAL ACCOUNTABILITY.
- ③ Trust within admin
- ④ Technology as short cut to creating stable state - not worked in this past, overreliance on ICT
- ⑤ Too much privatisation - do not have institutional memory, grasp of socio-cultural realities

CHILDREN

- Central Adoption Resource Authority (CARA) - 6/100 children being returned at an advanced stage of adoption.
 - ~4000 legal adoptions annually in India
 - mismatch of expectations → traumatic parting w/ parents
 - CARA has begun a nationwide capacity building prog. for social workers - assess suitability of adoptive family & prepare a child for a new home.

Child pornography

Rajya Sabha committee on 'Pornography on Social Media & its effect on children'

- 40) Recomm
- ① Mandatory apps on all devices in India that monitor children's access to porn. content.
 - ② Code of conduct for social media platforms (ISPs)
 - ③ Nodal agency to combat child pornography in social media.
 - ④ Definition of child porn. needs to be broadened in POCSO Act - advocating sexual act. w/ child → written mat. → visual repr. → audio rec.
 - ⑤ Act should have provision on 'cyber grooming' (110)

est. a rel' ship w/ child online to facilitate online/offline sexual contact

→ Mukti Caravan (Rajasthan) - mobilising ppl. against child trafficking led by child labour survivors. awareness about prevention procedures. distribute pamphlets, discussions, skits, poem recitation, screening of films

Other rec

- strengthening NCPIC to curb child pornography on Internet Service Providers.
- greater online to identify & remove child sexual abuse material (CSAM)
 - ↳ report content
 - ↳ report those trying to access.
- permitting breaking of end to end encryption (RB announced breaking of end to end encryp - Insta)

- 1/3 adolescents face online abuse. (NGO CRY)
 - 48% - moderately addicted to internet
 - 1% - severely addicted

Apr 2020

Monetary value of unpaid care work for women is 3 times size of world's tech industry

extreme poverty rates - 4% higher for women.

India tops world rankings - female graduates in STEM (43%) but employs only 14%

Sweden - 35% female graduates - employs 34% of them

FB, Google - only 10-15% of AI workforces are women

WOMEN

Gender disparity in STEM fields

masculine culture
Lack of sufficient early exposure to computers, physics, related areas compared to boys.
gender gap in self efficacy. (whether I am really fit for this job)

Lack of women role models.

53/866 Nobel winners.

Women form only 15% of STEM researchers & faculty members in IITs, CSIR, AICTE & IGCs.

Medical Termination of Pregnancy Bill.

Purpose - Expanding access of women to safe & legal abortion services on therapeutic, eugenic, humanitarian, social grounds

- dignity, confidentiality, autonomy, justice

Context

M-FHS-4 - Just 48% couples - modern contraceptive methods. 53% - use any contr. at all.

> 50% pregnancies in 6 large states (Assam, MP, TN, UP, Orj, Bihar) unintended.

SURROGACY

Rajya Sabha Select Committee.

- Surrogate mother need not be 'close relative'
- Remission of 5yr limit before seeking surrogacy.
- Allowing single women (widow/divorced/PIO)
- Increasing insurance cover 16 months → 36 months

allowed any 'willing women'

deleting def of 'infertility' as inability to conceive after 5yrs of unprotected intercourse.

1653 women officers / 40,000

US, Israel: women allowed in active combat.

Women in ~~permanent~~ command positions

SC: Need for Admin will & change of mindset

Steps - Extension of Permanent Commission to a total of 10 depts (8 other depts)

WHY? ⇒ Women can be company commanders, platoon command. Other why not unit comm. Major Experiment to be done in Services - eg Army Service Corps. Lt-Colonel - have done extremely well.

⇒ Capability to be decided by promotion board. (Professionalism, merit)

⇒ Denying opportunity on basis of gender not legally correct.

Nalanda Com for Women - 'power walk' to promote gender equality

Early Indians

④ phases of major migrations ('Early India' - Jerry Joseph)

- ① 65,000 ya - 'First Indians' out of Africa migrants
- ② 12,000 ya - Farmers of Iran in NW region
- ① + ② → Agri Revolution - Harappan Civ.
- ③ 4,000 ya - East Asia (brought Austro-Asiatic lang - Khasi, Mundari to India)
- ④ 4 - 3500 ya - Central Asian steppe pastoralists (Karakhetan) brought Indo-Europ. lang to India ('Arya')

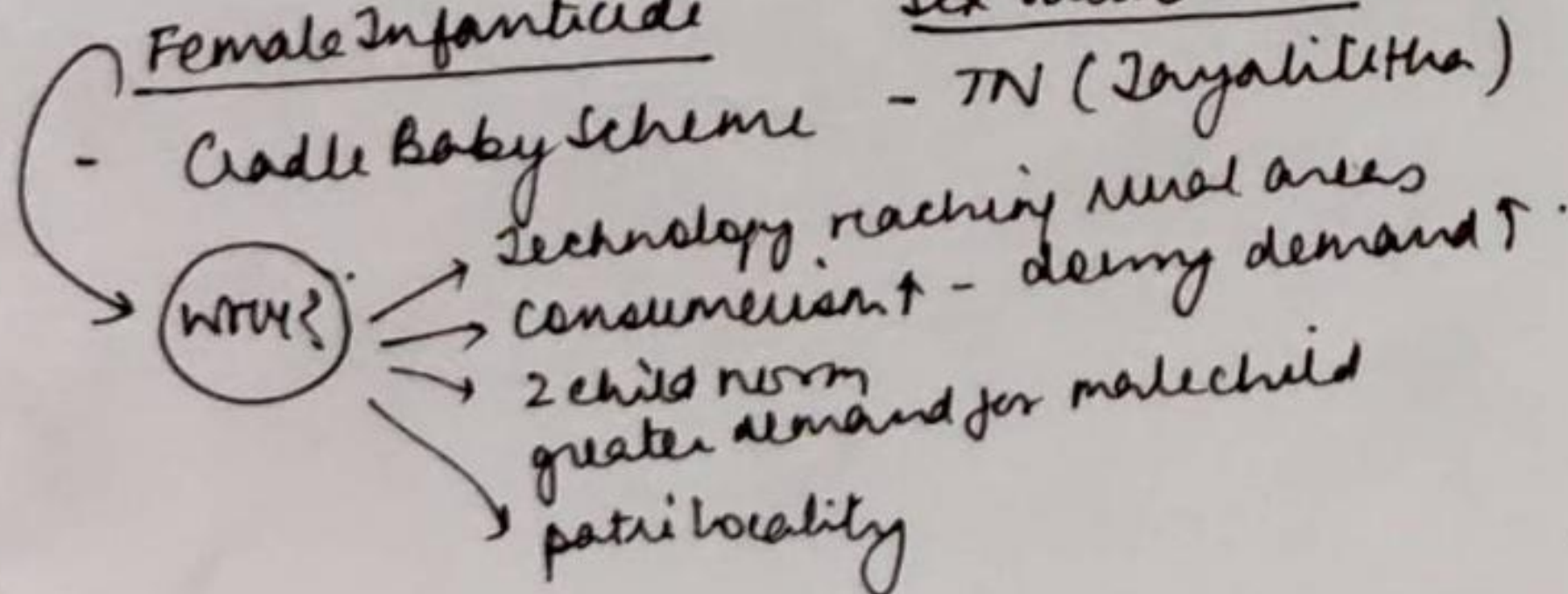
Other facts

- Harappans ancestral to both north & south Indians
- Lang of Harapp. (prob. proto-Dravidian) thrived in India but overlain by Indo Europ. lang later
- 4000 - 2000 ya - great mixing btw diff groups but no popu groups untouched except Andamanese.
- Endogamy began 2,000 ya caste sys did not begin in Aryas but rel. to pop. development ~ beg of CE.
- Almost all popu. groups of India carry 50-65% of ancestry from First Indians.

B.R. Ambedkar on Caste → Hindu society like a tower, each floor allotted to one caste. Lower without staircase. Floor on which one is born is also where he dies.

o Lakshagana (caste Karnataka, Goa) → Ashuys - 1st woman from Muslim community

Female Infanticide



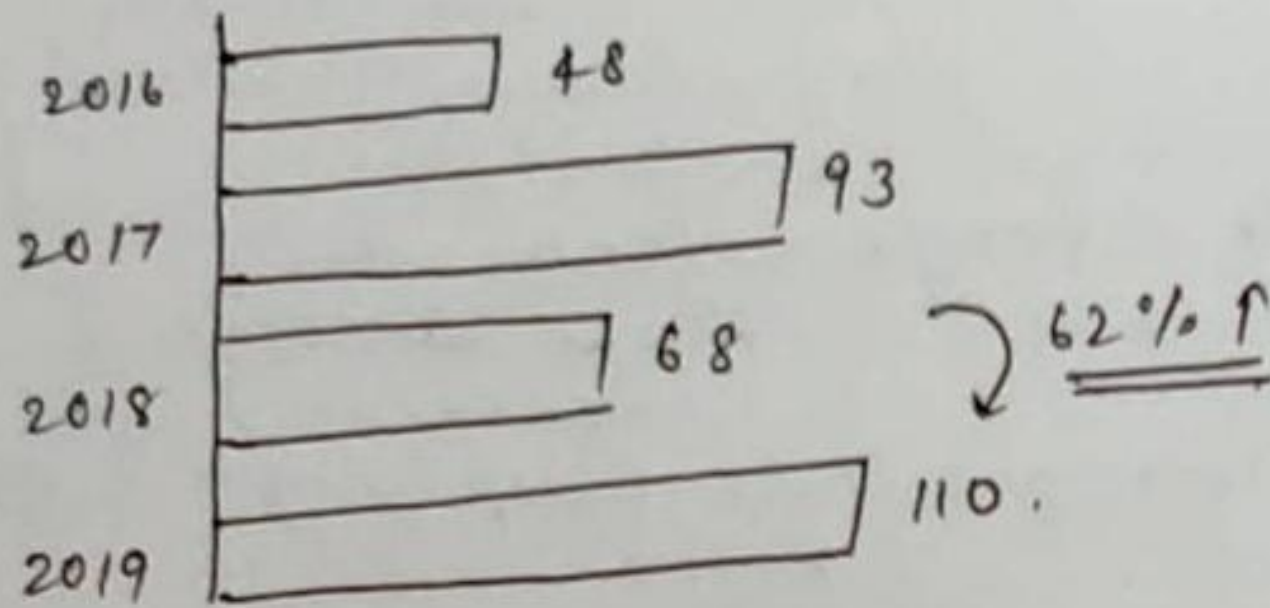
Sex ratio @ Birth (2007) 903 → 877 (2016)

Andhra
Raj
Bihar
uttar
T.N.

CASTE

- Guruvayur Deshadrom - caste and econ. reservations for recruitment to temple board. (Salih, OBC, EAs)
- Ayodhya temple committee - 1 Salih member.
- Deaths while clearing septic tanks & sewers (Social Justice & Empowerment Ministry)

62,904 manual scavengers.



- Begari community (SC commu - Kurnool) - demand for accident insurance, pensions, identity cards.
↳ work as gravediggers & security guards @ cemeteries - threat to stop burying the dead.

CASTE CENSUS

Need

1. Removal of caste blindness - obscures caste privileges, conceals sources of multi generational structural advantage.
↳ To understand full scope of disadvantage, we must also examine full scope of privilege & advantage.
2. Formulate data driven & inclusive public policies.

Medical Termination of Pregnancy (Amend) Bill, 2020

• More than 10 women die everyday - unsafe abortion in India.

MTP Act, 2017

MTPA, 2017

- categories - gestational age of foetus
 - upto 12 weeks - 1 med. / platinum advice
 - 12-20 weeks - 2 med. / platinum
 - Post 20 weeks - safe life of pregnant woman.
- grave injury to physical/mental health seriously handicapped/mental abnormal child.

Issues

- Healthcare providers rather woman has final say.
- Clear prejudice under unmarried women. eg failure of birth control device - married woman.
- Foetal abnormalities can now even be detected post 20 weeks. eg Hareesh & Niketa Menta. - heart defect in 22nd week.

MTP Bill, 2020

(+ves)

- Upper gestational limit irrelevant for abortion if substantial foetal abnormalities

20

(-ves)

- Doesn't allow abortion on request at any pt. after pregnancy.
- Doesn't remove provision - prejudices - unmarried women
- ↑ gestational limit for legal abortion from 20 - 24 weeks - only - survivors of rape
 - incest
 - minors

Way forward

- accomp. by rules for Medical Boards - ag un. delays
- *Ms X vs U of India*, 2017 - Right to make reprod choices dimension of personal liberty
- *Pullover v. U of J*, 17 - Right to privacy.

21/11/21

1951 Refugee Convention

- def - Refugees - persons fleeing persecution
- legal rights - 'non refoulement'
 - Secondary rights (edu, work, property)
- race
— religion
— nationality
— social grp/
— pol. opinion.

Need for ~~the~~ refugee law conform. to Int'l. conventions

- Prob in Indian law
- No distinction b/w 'foreigners', 'refugees'. Refugee status → state 'benevolence', 'discretion' rather than inherent rights
 - assumption that executive will act on principles of humanitarianism & non discrim.

ICJ - Rohingya's face genocidal intent.

Step in Refugees (campaign org. by UNHCR)

Story of Eva - South Sudanese girl @ age of 9 had to walk 12 days covering 409 km to reach safety of Ethiopia after family was killed in civil war.

8m ppl in GCC countries
↳ 2m from Kerala

- 50% are unskilled
- 30% semi skilled
- 40% of total foreign ex remittances to India

TRANSGENDER PERSONS (PROTECTION OF RIGHTS) BILL, 2019.

Def: Gender does not match gender assigned @ birth

- Provisions
- ^{Prohibit} Discrimination ag. trans,
 - Right of residence ✓
 - Right to employment ✓
 - Health facilities, every estb. should have officer.
 - Certificate of identity - DSC
 - National Council for Transgender Persons
 - Welfare prov - vocational train.
 - Penalties - sexual abuse, forced labour.

PROBLEMS

- Flawed defin - unlike UN comprehensive prov.
- ^{Gender} Discrimination Art 15
- Sexual violence ag trans persons - 6 months - 2 yrs. for women → 7 yrs.
- Against NALSA judgement - against self identification
- Series reservations & affirmative action - in employment, edu, healthcare.
- Provisions for discrimin → no penalties.
- Against Const. rights of trans person to residence. Should legally recog. families of choice - Hijra, Aravani
- criminalise organised beggary - source of employment

(Can be divided into set, prohibitive, enabling prov)

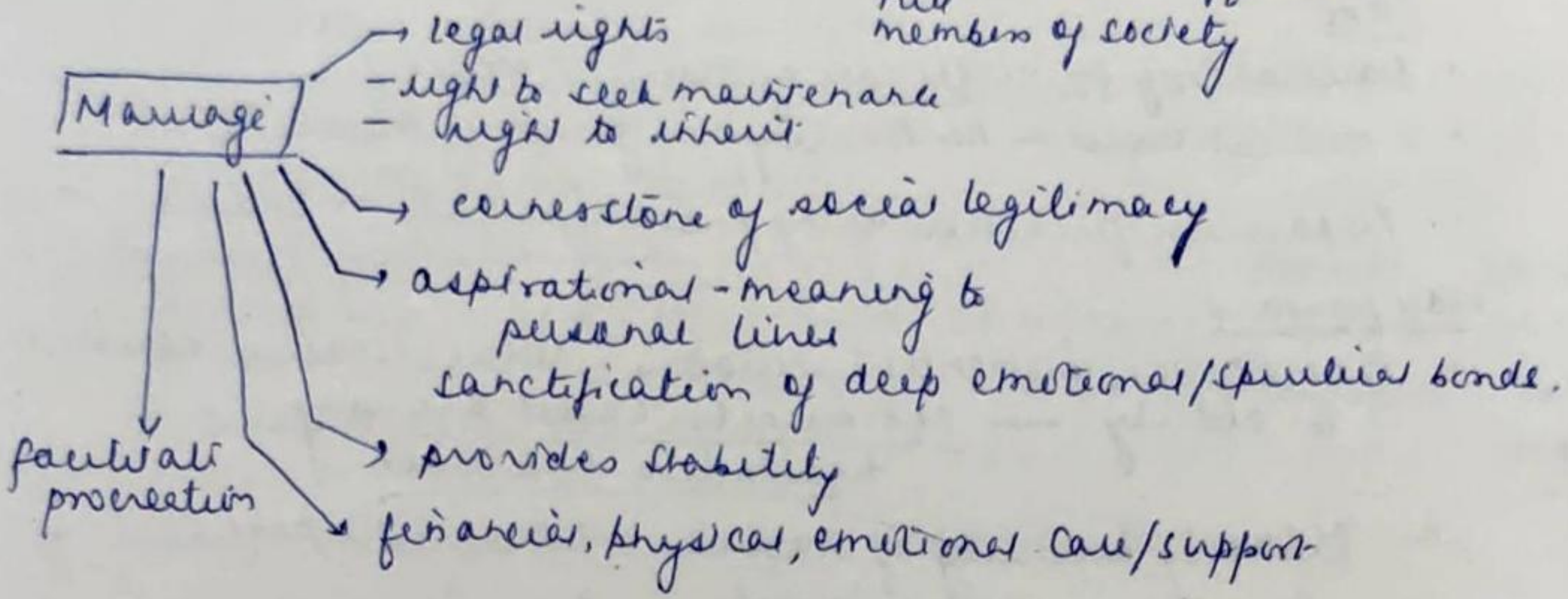
LG BTR

Special Marriage Act, 1954 - registration of inter-rel. marriages

↳ challenging constitutionality in Kerala HC decision ag. same sex couples

Naveen Jha (2018) - same sex couples

- R to express sexual identity
- R to privacy
- non interference in personal affairs
- Full members of society



✓ Maripuu → Transgender football team

✓ Noide Metro Rail Corp - sectors 50 → dedicated to transgender community.
metro st.
6 members from commu recruited - being trained by NMRC.

• किन्नरो के लिए रुमझार वांगुर अस्पताल में खुला पुथक कोपेरा वार्ड → परिचय वगाल

• Allahabad HC → ^{directed} UP Home Guards - to reinstate staff member belonging to LGBT community
↳ sexual violation of Naveen Singh Jha.

• 1st of its kind gender inclusive community policing
✓ 'Transgender Community Desk' @ Cyberabad.
- grievance redressal.

- counselling, legal aid, life skills, soft skills training, job placements, referral to welfare schemes.

✓ Karnataka - 1st state to reserve jobs for transgender ppl.

⊛ June to enact Sixes Act similar to UK's Alan Turing ~~Act~~ law
↳ ex post facto pardon to those convicted under Sec 377
• Prof. Ramchandra Sixes (Aligarh M. U.)

ELDERLY POPU

- India - expected to have 20% popu of world's 60 yr & above by 2050
↳ largest no. of older adults in the world.
- Econ Survey - demographic dividend to peak around 2041
60 yrs & above 8.6% (2011) → 16% (2041)
- World Popu Ageing Report (UN) • PPI > 65 yrs more than < 5 yrs by 2019

SRPS

- National Prog for Health care of Elderly (NPHCE)
- 6 medical instt - PG training in geriatric medicine
Preparation for active ageing & not a priority in India.

Way forward

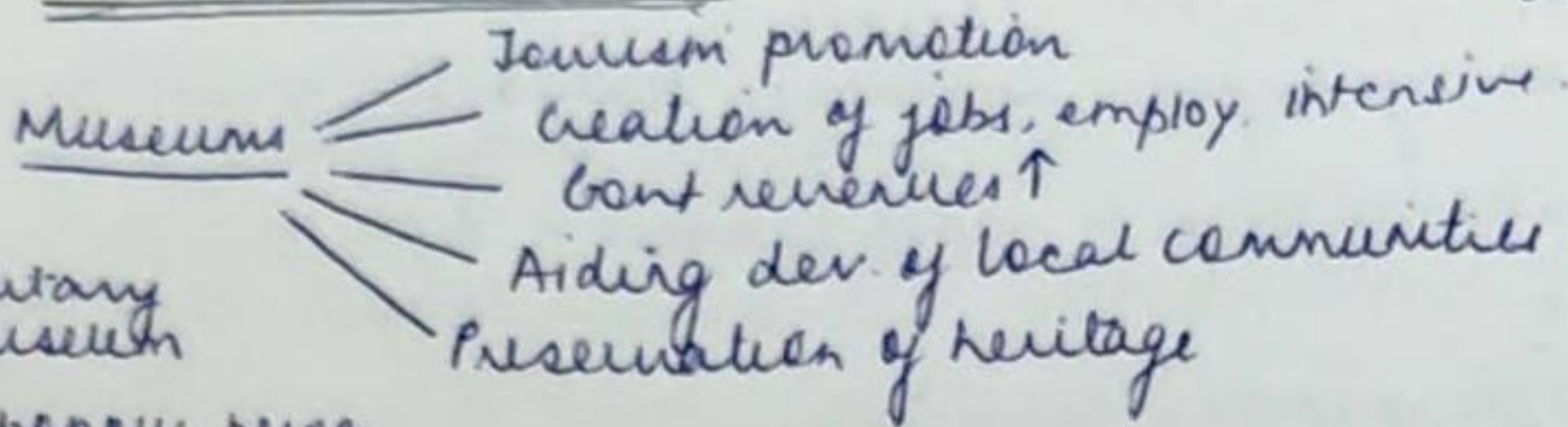
- Promotional, preventive, curative, rehabilitative services to elderly — community based primary healthcare approach
- Capacity building of medical & paramed. prof.
- Caretakers within family
- Econ Survey 2019 - Investment in healthcare.
- ↑ retirement age in phased manner.

Misc

- Changathi (A Friend) project - Kerala.
aimed at teaching migrant labourers Malayalam within 4 months.
- Internal migrants in India - 2011 Census - 450 mn.
↳ 30% → 15-29 yrs.
Way forward
 - National Migrant Workers Commission.
 - expand defⁿ of migrant labourers, include next gen skills -
IT, mobile repair, financial services
 - Interstate Migrant W. Act, 1979
 - ↳ Include provisions for state supported skill training
 - Portability of migrant workers voting rights
 - PDS, MNRGA portability
- Sample Registration System

			<u>Highest</u>	<u>Lowest</u>
→ Birth rate	36.9 (1971)	→	20.0 (2018) Bihar	A&N
→ Death rate	14.9 (1971)	→	6.2 (2018) Chattisg.	Delhi
→ Infant M. Rate	129 (1971)	→	32 (2018) M.P.	Nagaland
- Assam - Mising, Deori, Rabha, Sonowal - Kacharis, Tiwa.
- Scheme for rehabilitation of beggars in Jaipur
(Rajasthan Skill & Livelihoods Dev. Corporation)
↳ vocational training
- Tamil Nadu - DKV issue
demand to group 7 SC subsects under the heritage name
'Serendrakula Velalar' - & delist from SC list
 - ↳ claim would help in social advancement of commu.
 - ↳ insist were prosperous wetland owners not oppressed sections
- MNRGA → of 15,000 recently elected village panchayat members, 2000 are MNRGA workers.
→ Many women MNRGA workers - also part of Kudumbashree Mission

HISTORY / ART & CULTURE



Military museums

- ↳ honour heroes
- ↳ make public aware
- ↳ Inspire younger gen. to join armed forces.

2018 study 'Museums as Econ Engines' - US - mus.

↳ \$50 bn every yr to GDP
 ↳ \$100 output in museum sector → \$220 in other areas.

Way forward Involvement of priv sector

- Public + private funding
- CSR spending on conservation encouraged through nudge/directive
- Warship museums - range of services & entertainment eg virtual flight zones w/ simulators, hosting of shows & events
- Infusion of professionalism in mgmt, efficiency

kebabdi, football

Harappans

Dietary pattern.

Meat: Beef, buffalo, mutton, turtle, tortoise, gharial, fish

Crops: Pea, chickpea, arhar (pigeonpea), green gram (moong), Italian millet, ragi, amaranth, sorghum, rice, sesame, linseed, millet.

From outside: Potatoes, tomatoes, chillies, cheese, apples

KANSHIRAM

Structure: • BAMCEF - mobilis. of govt employees, intellectuals - SC, ST, OBC, minorities -

• Various prog- accountability, wide reach

• 'Pay Back to Society' - 1973

• BAMCEF Satya Granth, Bhaichara, Sankarita

• Training & prepn

1981 - Balit Sheshit Samaj Sangharsh Samiti (Kanshi - women students)

• BSP - 1984

↳ Cadre camps, events

• Use of artwork, painting - atrocities → ~~tactile appeal~~ ^{emotional} appeal.

• ~~Set~~ Mouthpieces -

- 'Oppressed Indians'
- 'Bahujan Sanghatak'
- 'Aarthik Uthhan'
- 'Economic Monthly'

Assisted Reproductive Technology Regulation Bill, 2020

Prov

- National Board - code of conduct by operating clinics
- minimum standards for labs, diag. equip.
- State Boards & State authorities
- National Registry & registration authority - maint. of database to assist National Board
- Stricter punishment for sex selection, sale of human embryos, operation of surrogates.
- will ensure confidentiality of intending couples, protect rights of child.
- ART Banks to promote ethical practices

Context - India - one of the major centres of global fertility industry
is reproductive medical tourism - signy. activity.

- Lack of regulation
- Legal, social, ethical issues

↳ low cost.
3rd in Asia.

TRIBALS

Social values - progressive
↳ imposition of moral inferiority

in sync in nature.
democratic justice
unifying
environmentally sustainable

o govt gap

IMPOSED MODERNITY

abandonment of original values.
Econ. exploitative relations - seen as cheap labour

- Solu
- Aband. of one solution approach - diverse appr.
- Participation in planning process.
- Consid. them as co-citizens rather than a problem.
- MGNREGA, RTE - better implementation
- Forest Rights Act

Bhopal
 * Habibganj Railway Stn
 ↓
Rani Kamalapati
 (Gond Queen)

- 45.5% of rural Adivasis → BPL
- Inclusion in Covid 19 policy packages
- Shortfall in decsion → 27%
- District Mercantile Bank - till Jan 2020, only 35% had been spent → only on work which would help mining companies.

• Odisha → 3 mega educational complexes - exclusively for tribal children
 ↳ 9.17% of India's tribal popn.
 both Academic & sporting skills will be harnessed

• Sonathania Muz - new VC of Sido Karku Muzum Univ, Jharkhand.

- 1961 Dhebar Com - Integration of tribal knowl. & lang into curriculum
- National Curriculum Framework 2005
- 2006 UN Res. on Rights of Indig. Ppl

- the up
- (Badwari, MP) - village based Adharshila Learning Centre incorporate Adivasi knowl & lang Bareilly
- Rayagade, Odisha - dangar patha (mountain learning) + kagaj patha (paper learning)

JAI BHIM : Discrimin faced by Indig community
 • Stigma of criminality (Habitual offenders Act, 1952)

⇒ Xaxa Committee - 'forced inclusion' in mainstream
 ↳ 'Ashramisation of the Tribal'

- Fifth Sixth Sched & Act 244 (1) and (2)
- ↳ Murgalkar Committee (2009) 'Constitution with Constitution'
- Dhebar C
 - ① Preponderance of tribes in popn
 - ② compact, reasonable size
 - ③ Under developed nature of area
 - ④ Marked disparity in eco. standards

WOMEN

Gender Gap Index India India 712/1153 (2020)

108 # (2018)

Women in Science

Take 100 yrs to close gender gap.

2020 National Science Day - Theme 'Women in Science'

3 women students of C.V. Raman - only Anne Mari chose a scientific career.

Janaki Ammal - pursued career - ed. abroad.

Bauners → Cultural → better participation UG & PG levels in phy. sciences & engin. & tech (15%) (70%)
→ Social →
→ organisational → more women in leadership positions - maternity leave.

Social transf. need not narrow gender gap in prof. careers.

BUT only 20% in faculty 10% fellows in science academies.

- Leaky pipeline problem dropping out due to lack of institutional structures (gaps in pub. fieldwork - pregnancy) productivity concerns

POSITIVES

- Maternity leave 26 weeks
- more women in engg.
- women emp. in Chandrayaan mission

Need

- Human rights, empowerment
- Quality of science
- Advancement of society
- Women scientists - revolutionary discoveries - Marie Curie, Rosalind Franklin, Barbara McClintock, Jennifer Doudna.

- Udaipur - 'Ujala Samachis' - women's solidarity groups. ✓
 - ↳ helping vulnerable households.
 - ↳ fighting fake news & misinformation

CASE STUDY Dalit women farmers - Telangana.

Deccan Development Society - women sanghas active in 75 villages in Telangana - helped 1000s of women to revive dry land, millet centred farming, gain control over land, seeds, water, knowledge.

'anna swaraj'

✓ New Code on Wages - 'conviction for sexual harassment' as a ground for denying bonus payouts to employees.

✓ NCRB 2019 - Every hour - 39 instances of suicides of women + 4 rapes. - Reported rape cases ↑ by 88% over a decade.

Imp cases (Patriarchy) *

- ★ Madhya (2017) case - questioning independent agency
- ★ Bhanwari Devi (1995) - gang rape by upper caste men.
- ★ Bobde - suggesting marrying the accused.

LABOUR

85-90% of 470 mn workers not organized by any trade union
- need for registration of unorg workers under Unorg Workers Social Security Act, 2008.

Lockdown Needs:

- multi party special task force - each state - take stock
- Helplines - social media, radio
- Tehsildars - temporary ration cards.
- info re origin states - bills
- JSEI by travelling, living in congested spaces.
- welfare of construction workers - Construction Cess Fund.
- Implement orders of HC, SC.

✓ > 90% of India's workforce → informal jobs
• India's complex web of labour laws — 47 central laws
— 200 state laws.

- Right to Freedom of Association (ILO Conv. 87)
- Right to Collective Bargaining (" 98)
- 8 hr working day (Core Conventions of ILO)

PLFS 2018-19 6.1% (17-18)
↓
• Unemp. Rate : 5.8% (2018-19)
• LFPR 36.9% → 37.5%

India's crafts employ 150-200 mn ppl, 2nd only to agri
self reliance : Kuthambakkam village (TN) - small scale ind.
like many of solar fan bulb kits - helped fam.
avoid urban migration

• Maharashtra - Mahajobs portal - tackle unemployment

(ILO)

Informal sector
- 80% of workforce
- > 50% of GDP

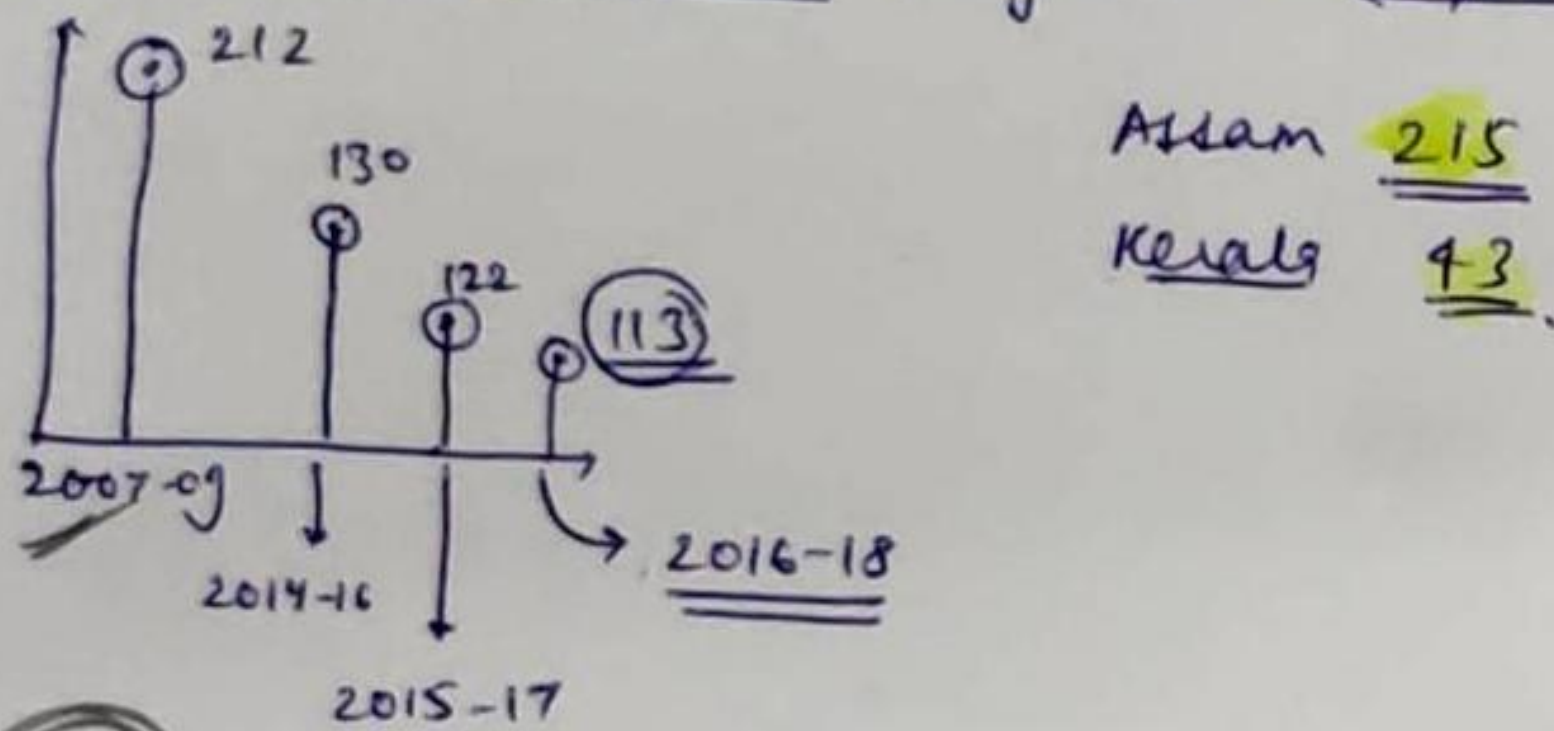
Social vaccine - social, behavioral measures govts can use to raise public consciousness through social mobilisation.
 eg used by Uganda, Thailand → HIV/AIDS before HAART was introduced later
 • Religious, community leaders are key change agents

Impact of calamities on women

2004 tsunami: women → lacked life skills - swimming, climbing
 → abuse in shelter camps
 → Inadeq. sanitation facilities
 - econ. slowdown leaves women w/ add^l household work.
 - added domestic work.

Covid 19 → WHO: ~70% of health workers are women
 79% of nurses are women.
 - Add^l household work.
 - Domestic violence. - 2015 NFHS - 30% of women in 15-19 y.o. face domestic violence.
 - Hormone induced depression - women twice as likely to face depression
 'culture of silence'

Maternal Mortality Rate (Reg Gen → Sample Reg System)



SDG 3.1 - < 70/1L live births

E-HEALTH. WHO 2020 survey - ~50% of low income countries viewed atleast partial disruption of >75% services.

- e Sanjeevani platform.
- virtual Shared Medical Appointments (SMAs) - multiple patients w/ similar medical needs meet w/ a clinician at once
 ↳ could help tackle India's widespread 'sugar' problem.
 eg Aravind Eye Hosp (Tuducherry) - glaucoma.
- ↳ Covid vaccine info sessions
- WHO Global Strategy on Digital Health.

★ while India - 3rd largest military expenditure
 its health budget - 4th lowest

Globalisation

Need

- How inseparably shared is the future of humanity, across national boundaries.

Limit - vulnerability of us in procurement of essential commodities
- weaponisation of trade by China

वैश्वीकरण

DISABILITY

'Locked down & left behind' - of 1063 respondents, 73% facing severe challenges - financial stability
essential items
availg adap. accod.
healthcare.

SC: Ppl suffering from disability → entitled to same benefits and relaxations as candidates belong to SC/STs.

Sugg: Removal of GST on mobility aids - patently discriminatory

Social Mtr. data: <7% of public buses were fully accessible to wheelchair users.
deadline - 25% by 2018 - ^{later} 2022.

MOJCE + 14 disability early intervention centres opened across the country.

↳ support to infants / young children @ risk of / with disabilities.