ANUDEEP DURISHETTY
AIR 1, CSE 2017

15-9-2017

Essay

Enumeration across various Sections

1. Temporal Dimension
   - Past
   - Present
   - Future

2. Problem & Sol^{n}
   - Concept (hist evolution + status)
   - Issues
   - Sol^{n}s / Way Forward / Road Ahead

3. Across Stakeholders —
   - Senior citizens
   - Children
   - The Unborn
   - Minorities / Vulnerable
     - Tribals
     - Women / Children
     - Rural poor

4. Walks of Life —
   - Individual, Family
   - Professional, Workplace
   - Society, Community
   - National, Global

5. Standard — Soc, Pol, Eco, Adm, Int^{l}, Env^{t}, Historical, Scientific, Security/defence etc, Legal

6. Various Sectors — Media, Sc & Tech, Business, Sports, Religion, Politics, Adm^{n}, Personal, Nation, Env^{t}

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- Link Sentence at the end of a para

Avoid Meta discourse

- ~~Meta discourse~~ ~~before~~ at the start of a new para / new argument

- A dialectic question at the end of a para to link to next para

- CAPS, black pen for Quotes and Subheadings

- CONSTITUTIONAL Provisions — sprinkle them.

- ① International experiences

Strictly delineated and individually justified

- Emotional rhetoric

Parallelism - rhetoric

"The inherent vice of capitalism is unequal sharing of wealth.
; the inherent virtue of socialism is the equal sharing of miseries"

- Conclusion: lot of Zeugma, repeated starting words (Let us — Let us — Let us —)

Most Imp

② Reports, Data, Statistics to further argument

(For, when a child... we all suffer and when a child.. We all ~~won~~ triumph)

- One or two innovative Solutions.

③ ④ Incidents ⑤ Constitution ⑥ Lot of Examples to substantiate

Examples of
- ✓ NGOs
- ✓ Institutions
- ✓ Reports incidents

Intro	Conclusions
- Definitional Intro	- Character coda
(or)	- Any Gandhi quote (esp. Talisman)
- Introduce a character or two	- Joy in every soul...
(or)	- Sabka Saath. Sabka Vikaas
- Quote	- Sanskrit sloka
+	- Constitutional ideals
Shared context - problem < Status / Cost - Solution	- Tagore: "Into that heaven of freedom
+	
Thesis statement	
- Scenario approach: (Climate change, AI, Cyber Security etc.,)	

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- Joy in every soul ...
- Sabka Saath. Sabka Vikaas
- Coda character
- Quote by Mahatma Gandhi
- peaceful, progressive, inclusive and humane society

Conclusions :

Thesis Statement : → Not needed

✗ (Subsequently, thereafter, Next, (First, secondly, Lastly), Afterwards, Later, Th
Following this)

We will — examine, explore, look into, discuss, analyse, evaluate,
we will finally conclude) ✗

Subheadings :

1) X and Y : Brothers in Arms
2) X, Y : Promise or Peril?
3) X, Y : Towards a Brighter future
4) X, Y : A Tumultous Journey
5) X, Y : The Journey so far
6) X, Y : Infection, Destruction & Extermination
7) X, Y : A DOUBLE EDGED SWORD
8) X, Y : TWO SIDES OF THE COIN
9) X, Y : THE PROBLEM OF UNINTENED CONSEQUENCES
10) X, Y : SILVER LINING & CLOUD
11) X, Y : WINDOW OF OPPORTUNITY
12) X, Y : All THAT GLITTERS IS NOT GOLD.

13) LOSING THE BATTLE, BUT WINNING THE WAR

14) ~~BUILDING AN~~ WORLD PEACE: ~~TOWARDS AN INCLUSIVE SOCIETY~~: MANAGING CONFLICT ~~DIVISION~~ & BUILDING HARMONY

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Essay - Notes

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Health

Introduce a character (Aisha)

Thailand (Total : 4.2% Public : 3.3%)

Stats:
- → public expenditure on health – 1.4% of GDP (Total : 4.2% of GDP)
- → health research expenditure – 1% of total expenditure on health
- → 80% uninsured
- → 69% expenditure on medicine
- → IMR : ~~49~~ 40 (~~MDG: 42~~) MMR – (167) (Mdg – 139)
- → 50% Women are anemic
- – Hunger : GHI rank : 78/118 nations [15% U-5 : Wasted (Severe under-nourish) 39% U-5 : Stunted]
- – Communicable diseases burden : 28%
- – Non-Communicable disease burden : 60% [ ]
- – Mental illness – 2%
- – 0.7 doctor per ~~2000~~ 1000 people [WHO recommends 1 per 1000]

Content

- – Bhore Committee
- – Amartya Sen : capability approach, development as freedom,

Int^l examples Meiji era - Japan

- – Sri Lanka, South Korea, Japan and Thailand
- – Nordic countries

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Problems

- Lack of personnel, rural doctors, trained nurses
- dependence on quacks (RMPs)
- Expensive medicine, no purchasing power
- Excessive focus on tertiary care, neglecting primary health care
- Immunisation yet to be 100%.
- Not enough expenditure on health (too much private sector)
- MCI - mired in corruption
- Infrastructure : no beds, supply material [Gorakhpur tragedy]
- MDR TB, XDR TB (Ebola with wings) - Zarir Udwadia

Govt initiatives and good case studies

- Jan Aushadi Kendra
- On public health grounds, evergreening under 3(d) stopped - Compulsory licens
- Tamil Nadu (effective social welfare schemes) - ICDS, MDM, PDS
- NELM, Stent price cap
- National Health Policy
- Programmes : RSBY, Janani Suraksha Yojana, MSY, Indhradhanush, Swachh Bharat etc, eVIN network

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Way Ahead

- Doctors – need more of them ; incentivize rural postings
- Reform MCI
- Focus on primary health care
- Aadhar, technology usage – target the users
- Universal health coverage as a goal
- Public expenditure: atleast 4.5% of GDP
- Educating the public about hygiene, basic health care
- National Health Service
- Provide list of essential medicines for free ; central procurement
- Encourage active lifestyle : walking / jogging
- Health Council similar to Thailand
- Corporate Social Responsibility – channelise towards health.

AYUSH + Tribal Knowledge

Quotes :

1. "Sarve Bhavantu Sukhina"
   "Sarve ~~Bhavan~~ Santu Niramaya"
   (May all be Happy ; May all be Healthy)

2. Character Coda (Aisha)

Sarve Bhadrani Pashyantu (May all have ~~[illegible]~~ Wellbeing)
Maa Kaschit Dukh Bhagh Bhavet
(May none have misery

Sense of urgency and will.

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Education

Quotes: available in the word document

Stats:

Literacy: 74%. [♂ - 82%. ♀ - 65%.]

2 characters
i) no learning outcome (10yr old)
ii) cannot afford Higher-Edu (son of a farmer)

GER: primary - >95%.
Higher Edu - 25%.(?)

- Expenditure: 4% of GDP
- India: 350 univ China - 1250 univ
- ASER findings: Class V who can read class II text: 53.7%.(2010) ↓ 47.8%.(2016)

Content

→ how primary education is crucial / for growth, dev, employment, social order

→ Int' experience: Japan, S.Korea, Finland

→ Gopal Krishna Gokhale - 1910: Imperial Legislative Council

→ British system: Macaulay, Wood's Despatch, focus on primary schools
└ only lip service

→ Post independence - primary edu ignored; IITs, CSIR, IIMs.

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- Current States: many problems

Issues with Edu
- Primary
- Vocational
- Higher Edu
- Govt Policy

Primary

→ RTE leading to closure of schools

→ no learning outcomes

→ teacher inadequacy, absenteeism, qualification

→ Infra

→ RTE issues: → No detention Policy (Section 16 of RTE)

→ Strict Infra reqts (dont apply to govt schools) 'deemed as recognised'

→ No detention - CCE go hand in hand

↳ (but teachers not trained

⇒ Students promoted regardless of learning)

→ Recognised under RTE Act subject to infra reqts (Govt schools deemed)

→ National Independent School Alliance (NISA)

Around 10,000 Shut down (2015-16.)

→ EWS - reimbursed lower amount

Finland Edu System

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Vocational – Germany,

Higher Edu – Brain Drain

Solutions: → Quote Finland, Singapore, authoritative reports

- Progressive Edu in ethics, liberal studies - Gender Edu, Sex education, financial literacy
- Dist level Competition / Ranking among schools
- RTE : reform ;
- Funding
- Internet based Education, MOOC, Swayam, Mobile Edu.
- Biometric to monitor teacher absenteeism
- Autonomy to Higher Ed : IRAHE
- End with coda.

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Quotes:

~~Edu~~

"Intelligence + Character - that is the goal of real education"

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Judiciary

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Quotes on Justice:

- "At his best, man is the noblest of all animals; separated from law & justice, he is the worst" – Aristotle
- "Injustice anywhere is a threat to justice everywhere
- "Justice is conscience, not a personal conscience but the conscience of humanity"
- Justice will not be served until those who are as unaffected .....
- Arc of moral univ is long ..... towards justice
- Admⁿ of justice cardinal pillar of Cⁿ.

Statistics:

~~3.25cr~~ 4cr pending at Judiciary

Vacancies at all levels ~ 20% at lower courts

- Judge - population ratio worst (18 per 10 lakh
  50/10 lakh – recommended)

Highlights:

- Privacy judgement
- Keshavanander Bharti
- Coelho case
- Kasab : judges opened SC @ midnight
- PIL (origins) – 1970s
  - loosened locus standi reqt
  - P.N. Bhagwati
  - to uphold rights of poor & marginalised
- SIT on black money

Issues:

→ Judicial activism
→ Judicial overreach
→ only via auction order natural resources
→ National anthem in theatres
→ Cricket (misplaced priorities)
→ Diesel banning, NJAC struck down
→ ~~SIT on~~
→ NGT : unreasonable orders
→ Corruption, delay, under-trials
→ Opacity of Collegium, allegations of harassment by lady intern

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Solutions

- ADR
- Special courts to clear backlog
- Combined order to deal with petty case
- Queing system, Data Analytics, AI
- E-courts, evening courts
- AIJS .....
- Malimath Committee — period needs assessment
- National Litigation Policy
- Lok Adalats, plea bargaining
- N.JAC. & NJ accty Bill

Conclusion

Ambedkar: Art. 32 — most imp article : upholding Rights

↓

Guardians of Cn.

Indian Republic has come a long way since independence — with many spectacular achievements and some failings. Judiciary had played an indispensable role in shaping our nation. As we look ahead towards a New India, Judiciary — This will ensure that A gets true justice and B achieves true prosperity.

End with:

Yatho dharmasthatho jayaha'

Where there is dharma (justice) there is victory

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Sci & Tech	Innovation

- If invention is a pebble tossed in the pond, then innovation is the rippling effect the pebble causes.

- **Intro:** Introduce a farmer: who can now
  - receive weather info
  - e-NAM
  - Soil Health card updated
  - Youtube to know latest Valuetes
  - Genetic engineering ✓

  add negative impact of CC, fueled largely by unbridled use of technology (uncontrolled)

- In a way — Sci & tech has been both boon and a bane.

(1) In this essay . . . . (Thesis statement)

Content: Across various dimensions

Greatest innovations examples:

- Internet, Smartphone, Social Media
- Wheel
- Language, Writing, Printing press
- Magnetic Compass (~14th century) (replaced astronomical means)
- Currency
- Edison, Transistor
- ~~Transistor~~ Antibiotic (Penicillin) Alexander Fleming
  Streptomycin (20% deaths in WWI due to bacterial Pneumonia → 1%)

-ves of S&T

- CC, GW. ; SM – Communal riots
- WMD, nukes
- Bioethics – playing God (designer babies)
- Online bullying, trolling, &
- terrorism
- A.I.
- Surveillance
- Personal (Isolation | ADHD | depression)
- Bluewhale challenge | Drug racket in Hyd
- Invasion of privacy

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Steam Engine (energy → motion)
└ later powered ICE, aircraft

Politics: Democracy as an innovation

Media: Social Media

Business: Google, FB, drones, Google Loon, Netflix, Intel

Admn: Case studies:

a) Horticulture / Gardening within school
↳ addressed malnutrition
→ gainful employment

b) Twitter to rescue Mumbai floods # MumbaiRescue

c) Aadhar

d) Dr SMS: Kerala

Leadership: Tesla; Elon Musk: Electric cars

Innovation in public policy: Selfie with daughter, MyGov, Collector growing horticulture in schools → malnutrition (↑)

Problems with Indian innovation

Expenditure on R&D → less than 1% USA – 2.7%
S. Korea – 3.5%

STI policy, 2013 aims @ R&D → 2% of GDP

Innovation Index – Rank: 66th / 130

India – 1400 research papers in HQ journals
China – 9000 p.a.

Higher Edu problem.

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Start-up problems — funding, global glut, ecosystem, Angel investors
— Patent problems

Govt Initiatives

→ Startup India, Stand up India
→ STI policy, 2013 (R&D→)
→ autonomy to higher Edu institutions
→ Nat" Innovation Foundation
→ Haikathons : to crowd-source solutions | India Innovation challenge
→ IGNITE prog (to harness creative talent among school kids)

Solutions ✓
→ Republic day innovation awards
→ Fund specific innovation → towards solving our own problems

Conclusion

Indian Constitution — Preamble : Liberty, Justice, Equality —

Sience & Tech will play a major role if we are to achieve these goals.

End with Gandhi's Talisman.

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Freedom of speech

(A) After the anecdote/quote → Free speech an indispensible part. But it is under threat world over: C. Hebdo, disinvited speakers, atheist bloggers hacked to death, Sedition law, IT act, → Banning books, exiled authors

This calls for a careful analysis.

In this essay – we'll examine: What is free speech & why is it fundamental, evolution,
Limitations to free speech
Threats to free speech
How to go best about it. (Sol^n^s)

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Freedom of Speech

(the right to express one's thoughts & opinions w/o Censorship, penalty, fear of persecution, restraint)

Intro:

a) "If liberty means anything at all, it means the right to tell people what they do not want to hear." — G. Orwell

b) "I may not agree with you ..... defend to death the right" — Voltaire

c) "It is a mark of an educated person to entertain a thought without necessarily agreeing with it" — Aristotle

d) "If freedom of Speech is taken away, then dumb and silent, we may be led, like sheep to the slaughter."

(A)

History

Evolution
- FoS as integral part of Enlightenment / Renaissance
- French, American Revolution : liberty, equality, fraternity
- Before that, tyrants & dictators kept a close watch
- UDHR : free speech basic human right
- Indian Cⁿ - Art 19(1)(a) guarantees FoS

Why is it fundamental? < indiv / ~~society~~ Community / National/Intl + [S P E L T]

- helps indiv attain self fulfillment
- assists in discovery of truth & d-m
- Social change & progress

discussing/debating → we are not settling our conflict through violence/fights. FS allows us to suf correct & align with reality.

1. For a fulfilling existence
2. exchanging & evaluating ideas (Karl Popper - Conjecture + test)
3. Essential to democracy, bulwark against tyranny ✓
4. Satire, humor, comedy - helps us look at a subject in a fresh way.

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⑤ Brings together communities

Limitations

- Fraud
- Oliver Wendell of US SC. (1919 case)
  - incitement to imminent lawless action
  - promoting hatred against communities
- public safety (Kashmir/NE etc)
- where imminent lawless action

→ But there must be strictly delineated and individually justified.

Examples of violation of Fs

→ Sedition 124A: A Colonial legacy — (1870)

IPC: 1860

→ Britain repealed it in 2009

→ US – first amendment: free speech

Eg.

→ James Damore fired from Google

→ JNU students

→ Oliver Wendell, 1919 case :

→ Charlie Hebdo

→ Richard Dawkins disinvited for a speech

→

Campuses must be melting pots of diverse beliefs and ideas

→ Left, Right, Liberal, Conservative, Capitalist, Communist beliefs must be allowed to thrive freely.

Supreme Court

→ Upheld sec 499, 500 of IPC: Criminal defamation

→ in

– Art 19(1)(a), UDHR, Int' Covenant on Civil & Pol Rights

– In hierarchy – Fds comes first

– 19(2): restrictions: Security, friendly relations, defamation, public order, morality, Contempt of court, integrity etc;

Be it Left Wing or Right wing, Liberal or Conservative Capitalist or Communist – beliefs & opinions must be allowed to be expressed freely.

– A group of misguided youth shouting anti-national slogans cannot, should not shake a confident, liberal democracy. Remedy for such unpleasant speech is more speech and not enforced silence.

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Threats to FS

→ Govt. curbing free speech in the name of national security.

→ Fake news

→ Terrorism & Online recruiting [Gauri Lankesh – shot dead]

→ Violence, fundamentalism

→ Legal hurdles

→ Govt Surveillance

Supreme Court

→ Upheld Sec 499, 500 of IPC

→ Struck down Sec 66A

→ FoS when restricted due to public order (⇒ imminent lawless action)

→ Ram Manohar Lohia exhorted people not to pay taxes. SC rejected. There must be proximate & imminent connection b/w speech & violence (1960)

Sol^ns

– Remedy for unpleasant speech is more speech and not enforced silence.

– ✱ Mahatma Gandhi put autonomy of an individual at the forefront. In S.Af, India – he resisted state's brute force.

– In Swaraj, he writes that state must step in only when there is imminent lawless action

– When counter-speech not possible, when there is threat to disorder – State can curb speech

– But each must be strictly delineated, individually & justified in Courts (narrow interpret^n.

– (R. Tagore quote) ← Conclusion

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Nuclear Disarmament

Nuke deterrence failed: – Examples

Us couldn't prevent Berlin Blockade

India – Pak war (1999)

Israel – Arab wars

Clearly deterrence has failed in the past.

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Nuclear Disarmament / Energy

Intro — Hiroshima incident (Introduce → Shinji & Ishigami — 10yr old girl) — Aug 6, 1945.

(A) — Consequences of nuclear weapon use — unaffordable & unacceptable.

. . . This calls for a careful analysis.

The central idea of this essay is to examine — a) history of nuke weapons + Indian perspective.
b) March towards disarmament (CTBT, NPT, PTBT, NSG)
a1) +ves -ves of nuke weapons
c) Problems with this regime
d) Solutions

Arguments for Nuke weapons

→ Nuke deterrence : MAD.

→ What if we need them for something other than war? (blasting meteor?)

→ A nuclear weapon ban will be ineffective ∵ we cannot trust.

for it to work, nuke deterrence must work always.

Deterrence failure can be catastrophic.

What deterrence exists if Al-Qaeda / ISIS get hold of Nukes?

Arguments against

→ Humanitarian case (human vs humane quote)

→ Security case (nuke weapons are actually ineffective against terrorism, CC, poverty)
- Nuke deterrence is a myth — works sometime only

→ Environmental case (0.1% of nuke — fatal agri losses, temp dips)

→ Economic case (Every gun, weapon is a ~~theft~~ robbery from people who are not fed, children who are not clothed)

Spending : $150b } Cures world poverty, Education to all children

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March towards Disarmament

NPT, CTBT, PTBT, NSG, MTCR etc.,

Problems: — Unequal, unjustified
— Non mere Non-proliferation; We need disarmament
— Non-state actors / Rogue states: Pak, N. Korea
— ~~Eco~~ Mutual distrust
— Excessive power for P5.

Solutions:
Reform UNSC
Transparency in negotiations
Complete Disarmament
Track-2 diplomacy
Crush Terrorism in all types & manners
Eco Sanctions on state that fund Subversively
Public Education — Mass movement against Nuke weapons.
Every gun that is made ...

Conclusion: Let us not fight a nuclear war against one another. We have an actual war to fight. War against poverty, hunger, terrorism and ceaseless suffering. Coda character. (Let our future generation look back on us and say that We've not repeated the horrors of Hiroshima.

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Capital Punishment

Intro

Introduce a character — Shuja Graham

framed in the death of a Prison Guard

4 trials took place

In 1976 → after second trial → death Sentence awarded

California SC overturned death in 1979, thus avoiding a grave miscarriage of justice

(A) — Life is a wonderful gift and for state to take it away is ~~a~~ a grave matter of extreme gravity. This calls for a careful analysis.

In this essay, we will first examine — [Arguments for | against]

i) Status of Cap. punishment in India

ii) Problems of Criminal Justice Syst.

iii) Way Ahead, Solutions.

Statistics & Trivia

- 140 countries abolished out of ~~195~~ 199 UN recognised nations
- 59 countries still have it. India among them
- Rarest of Rare - Bachan Singh - (1980) | Aggravating vs Mitigating
  Machi Singh
- Trial Courts - 1800 death convictions : only 5% confirmed by SC (2001-2015)

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- Shanker Kisan Rao Khade vs Maharastra 2013

  - modified Machi Singh to say test : no mitigating circumstance

  - "society-centric" litmustest (ie Crime so abhorrent, so repulsive as to shake the Consience of the society)

  - 2015 Law Comm'n → abolish death penalty. Retain only for terror cases

- Tatlu Lodhi - Case of Child rape & murder: SC awarded life sentence w/o benefits of release on remission

- In Gurvail Singh v. State of Punjab: SC gave 3 tests:

  no mitigating factors should exist { Crime test ✓, Criminal test ✓ } + rarest of rare ✓

  ↓

  does it satisfy to be rarest of rare?

  aggravating → based on evidence, ample time for prosecution to argue

  mitigation → merely on arguments ∴ Imbalance

Arguments for	Arguments against
- Useful police tool	- Revenge is not justice
- Deterrence	- Error is fatal, irredeemable
- Act so repugnant, so egregious that they must die. worst Crime deserves worst punishment	- No chance of reforming the accused
- Cost of holding terrorist alive (Masood Azhar)	- No free-will (Neuro-biology)
- Retribution is justice	- Life w/o bail: they die everyday
- Life without Parole - not punishment enough	- No deterrence (Statistics)
- Small error tolerable in larger interest of society	∴ Criminal justice System - flawed, expensive
- Closure to families	

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Examples: Aruna Shaunbag. Raped in a ward in a Mumbai Hospital
Left her in vegetative state for 42 years } Here, argue for retention of death penalty.

Deterrence State: US ⟷ Canada
↓
(Restored D.P)

a) Hong Kong ⟷ Singapore
(X) (✓)
in 1990s (increased significantly)

Within US states
1990 < 9.5 % (DP)
9.1 % (Abo)
2015 — 5 % (DP)
4 % (Abo)

Wrong cartos:
executed Carlos de Luna
instead
Carlos Hernandez

b) National Academy of Sciences, 2012

Way Ahead

To conclude, we've seen that death penalty is an expensive and ineffective instrument to administer justice. It goes against fundamental norms of a civilised liberal society. Hence we must put an immediate moratorium on it and put it only to use for terrorism cases. "Eye for an Eye – blind".

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Insurgency: an Organised armed struggle by a Section of the popn against the state usually with foreign support.

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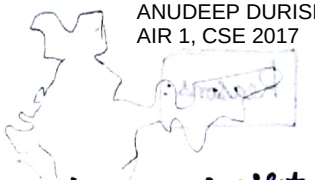
Terrorism/LWE – (Malala Yosufzai anecdote)



Intro: Little girl Archana had dreams as a child. Dream of becoming an air pilot. She was inspired by the NASA astronaut Kalpana Chawla. and always thought that one day, she will touch the skies. But on a fateful day on 26th November, 2008, while she was waiting to catch her train, she was brutally gunned down by terrorists. All her hopes, dreams and ambitions – extinguished in a fleeting moment. Archana was a victim of terrorism.

Terrorism had inflicted untold miseries on innocent victims all over the world and it is time we put a firm end to this egregious menace. This calls for a careful analysis of the topic.

In this essay, we will first examine
i) Defn of terrorism & historical evolution & types
ii) Reasons, Causes. (SPELA Intl, Emt etc.)
iii) How can we crush it? (Way ahead)

(Intl causes) CCIT

Defn: unlawful uses of violence & intimidation especially against civilians in pursuit of political ~~aims~~/religious/ideological aims.

It is the act of demanding the impossible, and demanding it at gun point.

Types:
i) State-terrorism/State-sponsored
ii) Bio terrorism
iii) Cyber terrorism
iv) Eco terrorism
v) Nuclear
vi) Narco
vii) Religious
viii) Ideological terrorism
ix) political (Left wing/Right wing)

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Reasons:

→ Political grievances (Separatism (LTTE) (IRA, Kashmir, Palestine Hamas, Alienation

→ Terrorists cannot fight against mighty state ∴ they create theatre of violence (Targets are not ~~the~~ the targets; but the people who watch it are) (Yuval Harari in The Guardian)

→ Social/Economic: Poverty, Misery, Injustice (Gaza), Illiteracy

→ Religious misinterpretation — Al-Qaeda, ISIS, Aum Shinrikyo (Japanese)

Solution

→ Education

→ Intl Convention

→ Choke funding, refurbish < TECH INT + HUM INT

→ Legitimate grievance should be addressed (Eg: LTTE – now ~~Manipur~~ – Laldenga CM Mizo)

→ Anti-terrorist doctrine?

→ Accomodation (closer home, Pak – E. Bengal ∵ majoritarianism; SL – Tamil Eelam)

→ Check on religious extremist clerics

End:

We've eliminated small pox, cure for many diseases. follow the ideals of Mahatma Gandhi

World must come together to eliminate this deadly scourge.

Character Coda → ~~Malala~~ (Malala Yousufzai)

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Human Devt

Intro

(Introduce a character) — Fifty year old Ramnath is a resident of Kalahandi in Orissa, one of the poorest distrits in India. As he goes to the local Panchayat office, he overhears the Sarpanch saying that India is now the fastest growing economy and is set to overtake UK as it is to become 5th biggest economy in the World. He looks on, wondering if this wealth can get his kids good education, get his wife health care and give him means for a stable living. And he wonders in hope for a better future. — THE DEVELOPMENT PARADOX

India has come a long way since independence. Though we witnessed fast GDP growth, many such Ramnath's are still waiting for help. This stark contrast calls for careful analysis. (This raises some important Qns)

→ Trajectory of India's development agenda

→ Problems with it → evolution of HDI

→ our failings: Edu, Gender Inequality, Health, Hunger, Sanitation

→ Intl Perspective: Japan, S. Korea, Thailand, Sri Lanka

→ Way Ahead

Stats on: Edu ✓, Health ✓, Gender ✓, Hunger ✓, Inequality ✓

Evolution of HDI: Before 1990 — GDP ✓

1990 - Mahbub-ul Haq - HDI

Later: Sen: Capability approach 'Dev as Freedom'

India: 131 in HDI (188) SL - 73rd, Maldives 100

Inequality adjusted: Worse

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Talk about "missing Women" — Sen

S. Asian Enigma.

~~Statistics~~: HDI : 0.624 — but value falls 27% if adjusted to inequality — 0.45

Gender Inequality Index: 125th / 159

12.2% Parliamentarians Women

28% women Labour force — 80% men

MMR - 174/1 Lakh

Solution

Kutch to Kalahandi, Kashmir to KanyaKumari

— every child must be ensured quality education.

Conclusion — [Nordic example]

Development should not be about roads, dams and skyscrapers. Devt must be about people. A quality, meaningful life is at the heart of devt. As A. Sen observes, it must be about ~~expand~~ ~~building~~ instilling capability & expanding freedoms — freedom to afford quality edu, freedom to access health care and freedom to enjoy political & civil rights. India has come a long way & much work yet to be done. ~~This ensures that Ramnath finally enjoys fruits of development.~~

"Sabka Saath . Sabka Vikaas"

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Effective narration

Sen- "The violation of freedoms, unfulfilment of basic needs, deprivation of gender justice exist even today despite unprecedented opulence.

To illustrate, World GDP was ~~$1000b~~ $1 trillion in 1900 → $77 trillion

increase of 70 times ⇔ but some problems remain

"Focus of well-being of those at the bottom of society, not the efficiency of those at the top"

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Privacy / Surveillance / Cyber Security

[redacted]

Privacy – a state in which one is not observed / disturbed by other people.

– freedom from public scrutiny / attention / surveillance

– freedom from unauthorised disclosure of personal information

Cyber Security – the state of being protected against unauthorized use of electronic data or the measures taken to achieve this.

↳ – is the body of technologies & practices designed to protect computers, networks, data from attacks & unauthorized access.

Intro – Ref Edward Snowden ✓ [Quote – ?]

Evolution < History
Impact

Examples: Snowden
Iran Stuxnet virus
Data breach in Indian banks
WannaCry Ransom ware
Bitcoins – threat to fin system
Online recd by jihadis
Terrorism using encryption
All examples – use of Social Media
Trolls, harassment etc.,

→ ∴ Cybersecurity is necessary.
But it impinges on basic civil right of privacy

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Privacy: Why is it important?

→ Limits govt power & power of pvt corporations. — activism, journalism, dissent

→ Freedom of thought & Speech (< Social pol activities) + Association + Assembly

→ ↑ Trust (between lawyer & client; doctor & patient)

→ Individual right for a fulfilling life, Reputation management, autonomy, agency

> "Arguing that you don't care about privacy because you have nothing to hide is no diff than saying you don't care about free speech because you have nothing to say."

→ Misuse by govt / Corporations (Eg: East Germany)

→ Identity theft / fraud [Eg. Jan Dhan accounts misused to deposit money & launder cash]

Threats to Privacy

→ Terrorism

→ Technology & increasing power of Corporations, govt

→ Lack of information among public

→ Misplaced sense & abuse of 'national security'

→ 3 levels: Govt, Corporations, Criminals / hackers

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Art 12 of UDHR — No one shall be subjected to arbitrary interference with his/her family, privacy, home

Talk about how privacy will strengthen Digital India ★ as more people willingly connect w/o fear of surveillance.

Balancing privacy & Security

- sufficient legal safeguards
- representation from stakeholders ← NGO activists civil society
- accountability by officials & Corporations
- public education
- Transparency
- Metadata

SC

1962 Kharak Singh case: vs State of UP
✓ R to P not a fundamental right

1954 – M-P sharma vs Satish chandra
✓ – same

"Privacy is the line we continously negotiate between us as individuals and us as social beings responsible to the larger group."

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Corruption

Content from — ARC 2 and pub Ad notes from (RG2A) (problems, solutions)

Intro: Introduce 2 characters — small stories

Ramayya and Archana are victims of Corruption.

victims of Corruption:
- a character walking 10km to collect PDS ration — only to be turned away.
- a child not getting healthcare — funds meant for children beds siphoned off

Two ordinary people merely excercising their rights. Their hopes shattered, dreams broken and life left in shambles.

Talk about moral corruption, — (demonetisation), petty, extortionary

↙

Gandhi quote: "As human beings, our greatness lies ....

Confucius — righteousness as foundation of GG ('Dharma' as propogated in Buddhism)

Conclusion: Any quote ✓

— Sabka saath. Sabka vikaas cannot happen unless the cancer of corruption is entirely uprooted. Only when its done — when every Ramnath has access to his food grain, every girl like Archana can afford quality healthcare and every citizen lives an honest, decent life....

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Civil Service / Bureaucracy

Intro :

Sui dynasty - China

Kautilya - Arthashastra :

Necessity of Civil Service (Utility) :
- fragmented society
- promote national unity
- Smooth transition of power
- D'y & B'y : go hand in hand
- Impartiality
- Poor nation ∴ State is prime provider of G&S

problems : Corruption

Ivory tower mentality : lust for power, control, laal-batti culture

Professionalisⁿ

Apathy, lethargy, Red-tape

Legal f/w : HC Gupta : Conviction 13(i)(d) of PoCA

& ↳ too much delay in prosecution

Sec 197 of CrPC
Sec 19 of PoCA.

Politicization

Art 311

Accountability of public service @
Perf. appraisal → no incentive to shine

Good:
Examples : Telangana TS - iPASS (Industrial Project Approval & Self Cert Sys)

Nolan cmt = Stds of public Life : HOLOIAS

Int'l Exp: NZ, Aus, UK, Singapore : Lateral Entry ; Contractual system + Service delivery law + Competitive Pay (7th CPC) dismal Pay :(

TORA

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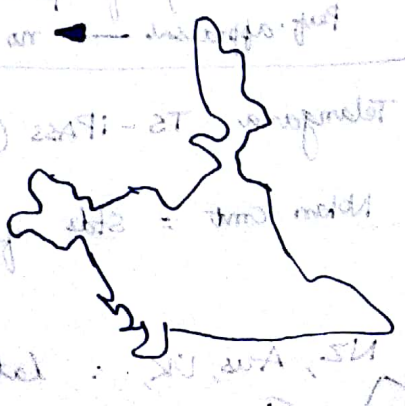
Solution ✓

Conclusion

Role of Civil Service in Shaping this Republic

With change — 21st century C.S for a 21st century New India

- Quote + positive lines ✓



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Urbanisation { refers to the population shift from rural to urban areas }

Intro: Little Sunita –

Victim of reckless urbanisation.

As the nation grows in economy, urbanisation share ↑. As India set to become 5th largest ... urbn will ↑. This throws up many imp questions and challenges such as:

→ Pattern & status of urbanisn?
→ Factors driving the shift
→ Challenges
→ Solutions

Gandhi: "bare loincloth" quote (from Ram Guha article)

Sustainable living

(Ny – Zimbabwe).
(Vegas – B'desh.)

Statistics – India spends $17 per capita p year on urban Infra – far less than what Colombo / Bangkok / Rio de Janiero spend. ($60 per capita)

Next 20 yrs requir $1 trillion investment

Pattern – mostly unplanned; urban sprawl, on sub-urbs
– from nearby rural areas

Reasons

Push factors: Agri failure
Caste oppression
Search of better avenues

Pull factors: Gainful Emplt
Better Edu for kids

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Problems & Challenges

- Lack of housing, sanitation, prolif" of slums, public transport, water, electricity, health, Edu.
- Pollution
- Traffic Congestion
- Urban floods → ☆ (Mumbai, Chennai)
- Poverty, Unemployment
- Communal tensions (Kokrajhar Assam) riots

Institutional issues

- Disempowered local bodies
  - 74th AA (left it to states)
  - MPC, DPC (only 50% are frng)
  - Funds, functions, functionaries
  - SFCs - paper tigers
- No accountability
- No master plans
- No trained personnel

Int' best practices

Mayors - from London to Los Angeles; ~~Paris to~~ Seoul to Sydney

all major cities are governed by directly elected Mayors + fin. powers.

(M. Bloomberg, Rudi Giuliani)

- Paid Parking
- Congestion Tax on particular roads
- In-situ slum devt
- sources of Revenue (CSR)

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- Tel-Aviv & Israel & Singapore recycle 75% of water
- London generates 40MW every year from (Solid Waste Biogas)
- Let Municipal Bonds tap foreign markets
- local gov'ce : Empower RWA, city townhalls & councils
- Real Estate finance : - use GIS, tech to tag, Geo-tagging

Int'l best practices

Rudi Giuliani
M. Bloomberg
Sadiq Khan

London - SWM 40MW
TelAviv - 75% water recycled
Singapore - Congestion Tax
HongKong - paid parking, high taxes on personal cars → to disincentivize personal cars.

Solutions

- it's a daunting challenge but also a great opportunity.

Conclusion

Coda - character. ✓

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Globalisation : (process by which national, regional economies, cultures have become integrated through global n/w of trade, Comm^{n}, immigr^{n} & transport^{n}.)

Intro

Introduce a little girl forced to drop out of school because of glut from China → fall in prices, staring at oblivion, cannot afford her edu. Yet at the same time, her classmate Arjun is happy at his new dress – made in USA – ~~at~~

This is the paradox of Glob^{n}. For those at the top, those with purchasing power, it has been an incredible blessing. For the poor and the marginalised, it has been a terrible nightmare.

(A)

(A) –

This calls for careful analysis.

In this essay we'll examine :

① Meaning of G^{n}, evolution, reasons,

② Impact on → S, E, P, Sci, Int^{l}. + Media, Security, Business, Admn

③ Problems

④ Solutions

+ve examples of G^{n}	-ve Examples
→ More choice for consumer	– Erosion of sovereignty of Govt (drug patent, UNSC, WTO, Climate change deals)
→ Intermix of Cultures, antidote against Xenophobia, parochial mindset	– Climate change
→ Employment, IT, Tech transfer	– Global Inequality [Within nations, B/w nations]
→ Flow of info, ideas, innovation	– Unemployment, poverty in developing World
→ Info explosion	– Instability (Brexit has -ve impact on us; Qatar policy ⇒ exodus)
	– Terrorism

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- Indian MNCs - TATA, Infosys

-ves

- threat to native cultures (Eg: Tribals)
- GMO, agri failure
- Surveillance, privacy, issues

Content

History of G": Sumer ⟷ Harappa ~~3500~~ 2000 B.C.

Silk Road - at cross roads in Damascus

(Silk from China
Spices from India
Shawls traded
Horses from Europe)

G1 : 1492 - 1800 (maritime exploration, trade, Imperialism, mercantilism, ideals of Am, Fr. Rev)

G2 : 1800 - 2000 (IR", Steam Engine, Colonialism)

G3 : 2000 - present (Info. Tech, Smartphone, Pop culture, MNCs, Service sector

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Stats:

71% of world own 3% of global wealth (WEF)

Richest 8% own 84.6% of Wealth

Worlds 10 richest billionaires → own $500b > GDP of many countries

India: 1% owns 58% of wealth (Global figure 50%)

↳ Oxfam

8 billionaires have same wealth as poorest 50% of popn

Sol'n Gn

- Capabilities
- public > profit
- Govt must provide basic goods
  - Nordic country examples
  - Skill dev, Educ^n, technology Empt.

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Ethics / Morals / Values / character

Why are ethics important?

How do you instill moral values / ethics in people?

Consequences of bad values / lack of scruples

"Happiness is what you think, what you say and what you do are in harmony."

Importance of ethics — Expand on — personal, professional (work place), Society (Community), National / Intl level.

Personal — a) satisfies basic human needs (Security, help from others, Psychological / physiological needs)

b) contentment, meaningful, fulfilled life

c) better relationships (On their death bed....)

d) trust building

Professional — a) meaningful work life — example (values of loyalty, having contributed, learned on living)

b) Team work — Eg: Army, Civil Service (service to nation)

c) Economic gain as natural consequence of ethics; else ruin — Eg: (Madoff scandal, Satyam scandal)

Community — Ethics / Values help us to live in harmony

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Sarva Dharma Sama Bhava as our guiding principle

b) Mutual respect

c) Intermix of ideas, knowledge diffusion — Eg: Nazi Germany ultimately fell

d) Compassion, help for each other → clean envt

envt → clean envt

Eg: Unethical treatment of ecology

C.chg → Hurricane Harvey (Texas) Cloudburst

National/Int' level: (perspective) → → Living in peace (Ashoka's Dhamma - united & peaceful

Mussolini/Hitler/ Aurangazeb's intolerant policies - crashed

→ Helps govts to work towards betterment of all — upliftment of poor, reduce suffering

→ Social welfare for the poorest

Failure of ethics in Int' rel:

→ GW/CC (Envt ethics)
→ Nuke weapons
→ War
→ cyber espionage/ surveillance
→ Terrorism as state policy
→ Torture, Cap punishment
→ Refugee humanitarian crisis (Syrian Kurdi) Rohingya
→ Drugs, Crime, human-trafficking
→ Corruption: Swiss Banks secrecy; Money Laundering

→ 2008 fin. crisis: a moral failing
→ Human cloning
→ A.I bot army
→ Toppling regimes unfavourable to you
→ Neo-imperialism (Russia annexation of Crimea in 2013)
→ Genocide (Rwanda,
→ Intervention (Iraq, Libya)

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