

EVALUATION INDICATORS

1. Alignment Competence
2. Context Competence
3. Content Competence
4. Language Competence
5. Introduction Competence
6. Structure - Presentation Competence
7. Conclusion Competence

Overall Macro Comments / feedback / suggestions on Answer Booklet:

1.

2.

3.

4.

5.

6.

Privacy in the digital Era: Myths and Realities

"Right to privacy is a fundamental Right, Privacy is a part of human dignity which is covered under Right to life under Article 21 of Indian Constitution"

→ News item, August 2017

In Puttaswamy case, Supreme Court ushered a new era where citizens are adorned with right to privacy and by very nature of fundamental rights, it puts check over powers of state in privacy intrusion of citizen. Meanwhile Supreme Court will also ensure that private agents like corporates and media also do not violate this sacro sanct right.

But wait!! there exists a paradox, while on one hand one pillar of democracy has categorically stated privacy being a fundamental right, another pillar executive is incessantly indulged in collected biometric data and pushing it to connect to all essential and social security benefit schemes, opening vistas of individual profiling which is anti-thetic to privacy

Privacy needs to be evaluated on touchstone of digital paradigm of 21st century. Is Right to privacy staring at concrete implementation or it's just a sham?

There are multiple myths surrounding actuality of privacy in

digital era. First and foremost is Intrusion in privacy can be undone, once the data is out there on internet, it is close to impossible to delete it.

People live in a myth that if they delete a particular account, remove a particular blog, take down a photograph it is not "there" anymore but once the internet monster has gulped a piece of data, it forever becomes part of it in one way or another. This

This is a harsh Reality, a programmer with good skills, a browser cookie base and internet is all it takes to retrieve the data.

Another myth is state has capacity to ensure privacy for its citizen. There are two loopholes, first does state really want to provide privacy? Even if it wants can it?

As we have seen in case of USA spying on its citizen, revealed by Edward Snowden, one of the oldest democracy with strong citizenry is able to do that. Complete denial of privacy to its citizen shows no willingness on part of state.

Even if it wants to provide, can it. USA example betrays here too, one of the leader of technology and most

empowered state was not able
to save its own data from attack
of hackers and even government
data was released in public. The
case in point is public data release
of wikileaks by Juliana Assange.

Even India fails to secure the
strategic data related to submarines
provided by DCNS company of Russia. France.

This paints a pretty grim and
scary picture, privacy seems to
be at peril.

Third myth is state will only
intervene in case there is threat
to security and in matters of
critical importance.

Reality is different, it is very easy to create narratives in this digital era. And to know whether there is a threat, state needs to track, store and apply analytics on data. Where is the privacy then?

CERT-IN tracks data 24x7 and creates an integrated database of 7 essential databases including passport data, flight, train booking data among others. This is leading to profiling of individuals curbing the space for privacy.

One prevalant myth is "My data is not that important anyways" people think that it does not matter even if privacy intrusion

happens and whatever trivial data footprint they have will not alter anything.

Reality is privacy and freedom are intricately connected. If your one's data is used for behavioral analysis, pattern of spending, kind of posts one likes, it is very easy to alter the thought process, choices and opinions etc. freedom of thought and expression gets compromised.

In American jurisprudence, it is a famous saying while describing freedom and privacy that a man is a king of his own castle. So neither state nor other agents should

evesdrop in his castle.

Digital era is both boon and bane for privacy. Pseudo narrative of privacy calls for introduction to other harsh realities as well.

Privacy threat is not limited to individual but it affects society, shakes a democracy and threatens peace in the world.

Threat to individual Many a times we suspect how does looking at or just clicking at one advertisement floods us with another load of them on all sorts of platforms i.e. on mailbox, on another window, even salesperson starts to call us. This not

only limits choice making freedom but creates stress and feeling of being watched and monitored all the time.

Threat to Society society is made of families comprising of individuals, we as a society should promote the value of privacy. Compromised privacy of individuals creates trust deficit among members resulting into weak social fabric and punctures social solidarity.

Threat to Democracy Voting pattern and the way democracy is run can be altered through the tool of privacy intrusion. Case in point is recent fiasco of Columbia

Analytics steered and affected the voting pattern of American population via pattern analysis and social media activity tracking of large section of Population.

Threat to World Threat of neo-colonisation, new form of inequality where 3rd world countries still dream of privacy, developed countries can exploit them by creating "privacy divide".

Even terrorism and propagandising activities by state and non state actors are done by stealing private data "openly" available on internet. Extremism and radicalisation are serious threat to peace of world.

"If there is privacy of an individual,
there is solidarity in society.
If there is solidarity in society,
there is security in nation.
If there is security in nation,
there is peace in the world."

So what do we do? We are standing at a crossroad. We need to ensure privacy of every individual. Draft National Data Protection Policy released by Justice B.N. Srikrishna provides wide contours of dimensions for ensuring privacy in a holistic manner.

for citizen to be aware about importance of their privacy and how

to ensure that at their own level civil society organisations and citizens at large needs to play major role.

Corporates should keep vision of ethics and morality in mind. Commodification of human being is not acceptable at all.

State pillars executive, legislature and judiciary should come together and remove all paradoxes. In India, Aadhar data is very very crucial, ensure its security at any cost.

21st century is an era of globalisation, while we stand to benefit from this digital era, we

need to ensure basic fundamental rights, in fact basic human right of privacy should not be compromised.

Many myths and realities are there but we need to puncture the myths, face the reality address them and build a firewall around us to secure our privacy.

to work
we have towards the maxim -

"Private data of a person is a private property, prohibit it from becoming a public property", only when we ensure this "Right to privacy" will become Reality and not a myth.

Early Childhood Development : the
Promise, the Problem and the Path Forward

Ravi and Abhay, two friends of similar age group 0-10 years studying in class 4th in public school. Ravi belongs to EWS (Economically Weaker Section) and thus got admission through 25% reservation under Right to Education Act.

There are some visible differences in both like attendance of Ravi is lower due to frequent health issues, educational and sports performance of Abhay is slightly better than Ravi.

Abhay's physical build and cognitive performance in various indoor games like chess, puzzles are better. Ravi

comes late to class, not punctual in other activities also and do not respect teachers in sharp contrast to Abhay.

These differences are puzzling and causing lack of confidence in Ravi putting strain to their bond of friendship.

The answer to this puzzling problem lies in Early Childhood Development

Jawaharlal Nehru very pragmatically remarked that "child is the father of the nation". Early childhood development is related to capable youth ultimately connected

to progress of Nation.

There are certain promises, problems in fulfilling those and the road ahead i.e. how to address challenges and come out as a winner.

THE PROMISES AND THE POTENTIAL

Constitution provides us the vision for future via Part IV i.e. Directive Principles of State Policies. With 86th Constitutional Amendment Act, DPSP was added, according to which State has to ensure facilities and infrastructure for Early Childhood Dev. of children below age of 6 years.

This DPSP is the promise which we make to our next generation.

Article 15 of constitution obliges state to take steps for welfare and betterment of women and children. We should not forget that early childhood development is intricately connected to health and other socio-economic parameters of mothers.

We should promise better health to both women and children, ensure early care and development of new born babies (Economic Survey 2016-17 points out the research that first 1000 days of life are most crucial and builds foundation of

future growth (physical growth) and development (cognitive and functional growth)

Cognitive development and formative education provided at home are also very crucial. Mother is the first teacher of a child and plays crucial role in building these capabilities.

Value development is another aspect of Early Childhood Development. Some essential values like respecting elders, love for animals and nature, sharing and caring, compassion can be easily inculcated as children in formative years are not made

of wet mud, they can easily be shaped and reshaped.

Early childhood development builds a foundation of future life. This foundation can be of wrought iron (excellent and useful quality of iron) or Rot iron (inferior quality).

There are some roadblockers and irritants on path of ensuring early childhood development.

THE THORN IN THE EYE

Women Health and Empowerment presents most dire and crucial problem. Health of mothers are not good during pregnancy, early childhood marriages, lack of institutional

delivery, nutritional deficiency like vitamin deficiency, anaemia resulting into high incidence of maternal mortality (168 per 100,000 According to 2011 census) also causing high child mortality (38 per 1000) and child wasting and child stunting cases are galore.

Social attitude towards women, patriarchy, preference for boy baby is causing skewed child sex ratio such childhood development is not sustainable at larger demographic level.

Child Health, Nutrition and Vaccination is another monster of

A problem. Inadequate health infrastr-
-cture like availability of institutional
delivery, hospital beds, operation
theatres for caesarian sections etc.

Inadequate human resources i.e.
lack of doctors and nurses staff,
less number of Asha workers and
mid-wives specially at rural level.

Nutritional deficiencies like
Kwashiorkar, Marasmus, due to protein
deficiency; underdevelopment of bones
i.e. Rickets; Zinc deficiency etc.
are becoming huge problems.

Timely injection of vaccines is
missing in some regional pockets,

hilly and tribal areas exposing
children to future threat of
diseases forever.

Lack of awareness about
health importance of both mother
and child, vaccination time-table
and schedules. Lack of focus on
value development and importance
of nutrition needs to be taught.

What we need is careful
planning, awareness, investment
and political will to avoid the
irritants and pass the roadblocks
to steer towards path to future.

WAY TO BRIGHTER AND BEAUTIFUL FUTURE

Develop and nurture the plant,
(Youth and this nation) (Children),
tree will be strong and sturdy.

for brighter future, we need to address all problems stated previously in holistic and integrated manner

Implement the policy prepared for women development and empowerment, change patriarchal attitude of society, develop and balance preference for girl child, provide agency specially economic agency to women, promote and increase coverage of institutional delivery schemes i.e. Janani Suraksha Yojana, provide direct money for ensuring nutrition specially during pregnancy, increase awareness about child health and do's and don't during crucial period of 1000 days.

Address child health problems, reduce stunting and wasting incidence, through direct intervention at initial stage using machinery of ASHA/ANM workers. Expand mid-day-meal to out-of-school children also because whole infrastructure already setup, we should utilise that.

Develop and build physical and human infrastructure at Primary health centres, ensure 100% coverage of Universal Immunization Program of all 12 vaccines. Improve hygiene and sanitation conditions which has multiplier effects on health of all.

Focus on cognitive development through various outdoor games and puzzles, scientific research should be promoted to come up with cheaper tools which can be deployed at mass level.

Value development aspect can be learned from Japan which ranks high on etiquettes, manners and punctuality. first 3 years of formative learning is all about value development including compassion, humility, nature love, cleanliness among others.

Involve all stakeholders in this process of child development like NGOs, Self Help Groups, Corporate

sector through Corporate Social Responsibility (CSR) fund mobilization and increasing awareness like in all fields of child development.

State and citizen should participate proactively. There are some promises which state has to keep and there are some responsibilities that citizen has to complete.

We need to reduce the inequalities and move towards inclusive growth because that is root of all problems. India has huge upcoming child population in next 50 years which will

Sustain demographic dividend and
their lies opportunity for India
and their lies the pitfall.

We have to strengthen the
friendship of future Ravis and
Abhays coming up in our country.
Ensuring early childhood development
to one and all should be our
future vision.

India has to keep constitutional
obligation and promises for better-
brighter future by ensuring Nutritious
food in every plate, health of every
child, value development of each
kid leading to spark in eyes of
youth.

myths → state will only intervene when - threat to national security and → CERT-IN and 24x7 monitoring

① If I have not entered data then I am not tracked

VISION IAS™

Reversible

Don't write anything this margin (इस माल में कुछ ना लिखें)

Privacy (in) digital era

21st Century myths

News item: August 2017

Paradox

Judiciary
Executive

A man is the King in his own castle" → state should not intervene now more so. (societal attitude interfering and impinging upon privacy of others)

Privacy of thoughts / Privacy of

digital era a double edged sword

Aadhar → data is secure
DNA Bill
Section 377

coders when hackers and are lurking at every corner

has to succeed only once.

Realities: This Pseudo narrative of privacy, calls for some myth busters and introduction to harsh realities is privacy a myth.

② Edward Snowden
↓
state spying on its citizen

① Juliana Assange
↓
leaked wikileaks data

Powerful/resourceful (when state cannot shield, save how can a common man.)

→ social media
→ e-commerce companies

→ Browsers → cookies and storing historical data, understanding and tweaking our behavioral patterns

Threat to Democracy

→ columbia analytics.

Threat to individuals → Neha

Threat to social fabric

Internet of Things/

AI/machine learning

↳ mob lynching
↳ violence women

↳ walls have ears

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Don't write anything this margin
(इस भाग में कुछ ना लिखें)

Treat to international peace Mossad hacked
ISIS using, allegations on Russia can trigger
a war;

Wrong practices → Through a click of a button ^I "Accept" handover
not knowing its repercussions to privacy.

Way forward. Promise = target + what where lies diff → foundation
Intro 14-15

Ravi
Abhay
Story ✓
adopted ✓
Economic Survey
→ first 1000 days
DPSP till
16 years

intricately connected with health of nation
Promise 16-10
Problem 19-21
Path forward 22-24
conclusion 25-26

Promise
Health

education / cognitive dev. / promise
health → IMR, stunting, wasting → head, heart and soul
③ value development nutrition → RTE, best education
access equity quality

↳ wrought iron
↳ rotten iron

Japan first
3 years of
schooling

Sports Promise not sticky
↳ mobile gadgets rather
introduce to outside world
outdoor games - bodily dev. and brain.

↳ Thrown in the
eye
Strive for
and what's
Potential

- respect
- nature love / animal love
- team work
- community service
- humility
- compassion

WE are able to do, we will prepare
next crop of green -
who will take forward nation on their
shoulder.
Child is the father of a nation.

→ Pots made of
wed mud so
can be shaped
→ If the foundation
is strong, build
is even stronger.

→ How good a plant tree will be, can be
guaranteed by plant

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Don't write anything this margin (इस भाग में कुछ ना लिखें)

non-inclusive → tribals, poor and other vulnerable class.

value education
focus is not there

SCHMES
Bal Swasthya Suktan
Path forward

NGO's, CSO
CSR activity of corporates

Problems → women health, empowerment, ^{mother's milk} awareness + nutrition
→ skewed child ratio
→ Inadequate health infra
→ health **food nutrition**
→ absence of functional & equipped creches. **Urban**

Human infrastructure
Physical
digital infrastructure. **State**

Rural areas
Happiness schools
activity based learning.
gender-neutral values
cognitive games.
Playschools should really be playschools.

Awareness - Parents, family, society
sanitation, hygiene, nutrition
both genders equal =
vaccination Home table

way forward
RTE **child labour** **nutrition**

quality
access.
equity
values
sports

Niti Aayog vision document
special care → **women and child Policy**

conclusion - Ravi always and Abhay. Principle of equity should be followed. We should provide conducive environment. Although Ravi adopted but many do not get lucky **which will cause spark in** of every child
→ values in every heart child
→ **Spark** → nutritious food joy in every soul of every
→ Health of every children