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**BASED ON UPSC SYLLABUS**

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**01.02.2017**

## **General Studies-02**

### **Immigration reform in America**

- According to trump policy of America first have brought changes draft in visa procedure and regulation
- H-1B visa program are specially formulated plan for the worker of the company. This rule will be changed and visa rules will be tightens.
- Another type of visa is L-1 that uses for the inter country employee transfer for the short and immediate duration .
- Trumps draft policy also stated for the doubling of the minimum salary of the worker under H-1B
- Another program STEM [science, technology, engineering, math] which stated for the priority to

American in any job and also reserved seat for the American

- This immigration reform will hit indian IT sector as this draft publishing have slowed down IT stock by 4 % in one day .
- This also affect employment sector and competitiveness in the IT sector .

### ⇒ **Jallikatu and court denial of stay**

- Jallikatu is bull taming sport from south india found its mention in sangam literature celebrate on the occasion of the pongal one of the harvesting festival .
- This sport was banned by the court on the name of the prevention of the animal cruelty .
- Statewide mass movement of identity crisis organized in tamilnadu and that threaten law and order situation of the state .

- This forced central government to bring ordinance but that can not satisfy the need of the people .
- Tamilnadu government amends prevention of cruelty law which is ultra virus power as state government cannot amend this law.
- But supreme court doesn't stay this order because of SC now deciding about proper definition and safeguard of the jallikatu as cultural event as per article 29[1]
- If this sport also come under culture of people though they can be banned on the base of the right to life that implement on animal also

**⇒ Drawing up dieting plan and scenario of the welfare scheme on the eve of general budget**

- By the implementation of the national food security act Kerala become last state to adopt it. And now whole country covered under this law.

- If we believe that by the expansion of the NFSA will decrease malnutrition then it will be wrong assumption.

- We can understand by one survey report following manner

State	PDS subsidy change	Change in malnutrition
Rajasthan	+ 15 %	-3 %
Madhya Pradesh	+ 15 %	- 17 %
Gujarat	Decrease	- 5 %
Andhra Pradesh	+ 76 %	No change

- Why this trend going?

- PDS has major loophole and quality of food and ration given in the PDS not as per expectation of the people

- If income increase then people don't buy PDS food and go to good quality higher calorie food and also good performance in nutrition
- Some state like Gujarat has managed to decrease malnutrition cases without increasing subsidy because government should create capital asset that help people to change their lives
- This subsidy increasing in PDS means cheaper cereals available > people buy more > less expenses > more hidden hunger [why? because more cereals consumption led to saving rupee that can be used to buy milk but school and medical cost are also rising]
- So what government should do is provide good diet that make them immune from malnutrition
- Direct cash transfer do only half thing government should also give education to people to spend that money effectively

## **Issue of the rehabilitation and resettlement in land acquisition**

- If new law are in the place for welfare of the people then what is going wrong in bhangar in west Bengal
- Infrastructure project acquisition are for greater common good but person, ecology affected from this never get its goodness so popular saying in disposed people is “why only we the chosen one for the shake of the nation”
- Present land acquisition has following problem
  1. Lack of the information
  2. Lack of mention of socio-cultural security of affected person
  3. No mention of the bio-diversity
  4. Compensation only proverbial promises

- Narmada bachao andolan is good example in this matter that has been not fully solved yet after 31 year of the acquisition and Gujarat government proposed this water to agriculture use but reality is that this water diverting for the use of the industrial purpose. And when looming agriculture crisis occur and blast in the form of quota agitation state government wake up.

- **Dholera** is another destination on the good cause of smart city which situated on Delhi Mumbai industrial corridor in which land of the 22 village has been acquired

### **General Studies-03**

#### **⇒ Economic survey and demonetization**

- Finance minister tabled economic survey with 7.1 % growth prospect and special focus on the demonetization and its impact on economy

- Biggest discussing issue of this year survey is downward movement of the credit growth that is not good for economy in long term
- Government should take step like abenomics taken in japan with financial stimulus

### STATE OF THE ECONOMY

The Economic Survey makes a case for following up on demonetisation with a fast and demand-driven remonetisation, tax reforms, GST and lower tax slabs



**FARM SECTOR**  
Survey projects a 4.1% growth and cautions the Centre on the impact demonetisation may have had on supply of essential farm items



**DIGITALISATION**  
While sounding a warning note on Centre's digital push, it advocates a balanced approach towards a digital future. It advises banks to 'facilitate, not thwart interoperability'



**INFLATION** Retail inflation is expected to be below the RBI's target of 5% this fiscal as demonetisation could temper any price surge



**REPORT CARD MODE**  
Survey suggests incentivising States for outstanding fiscal performance



**REAL ESTATE**  
Realty prices, says the Survey, may dip further as investing undeclared income in real estate became tough after Nov. 8. It also speaks of bringing real estate within GST's ambit

**JOBS** Survey calls for big-ticket reforms in labour and tax laws to provide a big push to the leather & apparel industry

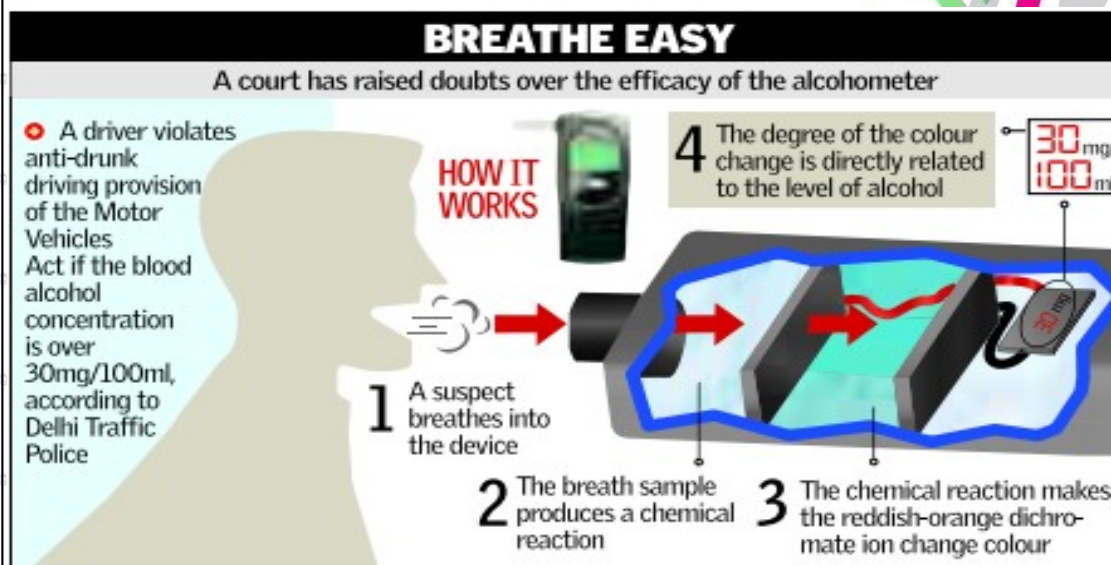
#### GROWTH (%)

GDP	INDUSTRY	SERVICES
6.75-7.5 2017-18	5.2 2016-17	7.4 2015-16
	8.8 2016-17	

### ⇒ Alcohol meter and its accuracy

- Alcohol meter is device by that we can know whether person drunk or not.

- This machine used alcohol content per gram of the blood but recently case is coming about accuracy of the machine



## Demonetization and economic survey

- Economic survey give symbol of the “ radical governance cum social engineering measure”
- Long term impact of demonetization is hard to find out because of extreme flexibility of government that change rule by night

- Demonetization also effect multiple sector in multiple way so it is also complex to decide the accurate impact of this move
- According to economic survey GDP rate will be around 6.75 % to 7.5 % means 1% point less than earlier forecast and revival of the economic will be start by march
- Devoting a whole chapter to demonetization, the Survey recommends fast, demand-driven remonetisation, further tax reforms, including bringing land and real estate under the ambit of the Goods and Services Tax, and reducing tax rates and stamp duties.
- It cautions against tax authorities turning overzealous. It flags the risks that Brexit and the U.S. election result pose to the world economic order, and to India's economy.

- The prospect of “shifts in the direction of isolationism and nativism” could threaten the global market for goods, services and labour.

### ⇒ Push to solve twin balance sheet problem

- Twin balance sheet problem means on the one hand bank give loan to entrepreneur on the base of the crony capitalism while on the other hand corporate not able to repay it that cause NPA to public bank
- Public sector asset rehabilitation agency [PARA] has been established as government company to solve problem of looming crisis of the NPA and over leverage of the firm with rationing of the credit

**DATE 02.02.2017**

**General studies-01**

**- New lost continent found in indian ocean**

- New lost continent found near Mauritius Island that was part of the indian plate but lost due to breaking of the Gondwana plate about 200 million year ago.
- This continent include zircon metal which is part of the uranium and thorium component

**General studies -02**

**• Funding to the political party**

- Earlier political funding up to 20000 not mandatory for the donator to disclose name and sources
- According to new rule now this limit tend to 2000 and more than this limit to be disclosed

- More than 2000 donation to be only done by the digital form or cheque

### Reining in political funding

#### Cap on cash donations

- Maximum amount of cash donations for parties has been capped at ₹2,000 from the earlier ₹20,000

#### Electoral bonds

- In line with the recommendations of the Election Commission, an amendment was proposed to the RBI Act to enable issuance of electoral bonds by the government

#### Other modes

- Political parties will be entitled to receive donations by cheque or digital mode from donors



## General studies -03

### ⇒ Small wonder : general budget

- Finance minister Arun Jaitley has presented budget with workmanlike style in which fiscal discipline matter more.
- Traditional populist policy trend of budget this year turning into moderating affect.

⇒ Finance minister use word **FUTURE** means **F** stand for farmer, **U** stand for unprivileged, **T** stand for technology and transparency, **U** stand for urban development, **R** stand for rural development, **E** stand for employment

### ⇒ **Tax rate changes**

⇒ In the budget speech finance minister arun jaitley give some relief to middle class person

⇒ Income tax slab from 2.5 lakh to 5 lakh is being taxed at the rate of the 10 % but this changes bought with 5 % decrease in tax rate

⇒ Now this slab will be taxed with only 5 % this have both side effect i.e.

- middle class have more money to spend and invest
- narrow tax rate with narrow tax base will lead to deterioration of the government resources

⇒ **housing and infrastructure sector in the budget**

- in the general budget government launched two new thing in this sector to boost basic infrastructure and fulfillment of the SDG
- housing sector will be developed on the bases of the housing for all by 2022 with separate focus on the rural and urban area
- pradhan mantri aawas yojna to have pucca house to 1 crore household by 2019 in rural area
- infrastructure quality now on good stage so in near future government will established special agency for infrastructure trade and exporting

⇒ **Government to amend cooperative societies act.**

- Nowadays cases of the fraud in the investment scheme by the cooperative getting momentum

- This scheme fraud getting benefit from the old cooperative societies act. Which have some loophole
- This new act have objective to save hard earned money of the marginal poor section of the people who are the target of this societies

⇒ **Government to abolish FIPB**

- In this budget government take more liberal step toward foreign investment and declare to abolish foreign investment promotion board

FIPB is statutory body to give permission to the GDI in the sector which have provision of the approval route

- This board come under prime minister office as a part of the economic reform drive in 1990's era
- Now foreign investor can fill form online and more than 90 % investment now under automatic route regime

⇒ **Education in budget speech**

- Sector and standard wise innovative provision has been made by the Arun jaitley
- Primary education output to be examined by the survey to have qualitative changes in education
- University education to be more flexible to provide chance for the innovation
- There will be flexible curriculum to provide creativity freedom to student and this freedom and flexibility to be given of the basis of the ranking of institute in academic performance .

⇒ **Agriculture sector in budget**

Crop insurance scheme span to be widened with help of pradhan mantri fasal bima yojna which also include post harvest loses

- NABARD to more efficiency in the micro irrigation development for the purpose of farmer income doubling and water conservation

- e-NAM to be developed on the basis of national span and include more and more market in it.

### ⇒ **Railways in budget**

- This year railway budget being merged into general budget by ending year old colonial practices .

- Above stated four major step has been taken by the government to make indian railway preferred freight carrier .

### ⇒ **Review on budget by T.T. Ram Mohan**

General discussion and forecasting were bring done on two bases first on government will give good stimulus because of the demonetization or budget will be slight populist to capture voter in upcoming election

- This budget is like “don't rock the boat” because india is till bright spot among worlds and will be though instability looming over world

- Fiscal deficit plan become ideal this year because government have cut revenue part to meet with target. That was earlier done with capital part of budget.

- This budget also break tradition of the populist budget by not waiving loan to farmer, no transfer to jan dhan account, no universal basic income declaration

- Domestic economy hit by the demonetization led to submergence of the local demand while global trend going toward nativism and protectionism trend that's not attracting for indian economy

⇒ **Eating litchis can killed children**

• Study of the indian and US research found that children eating litchis and skipping their evening food

are most vulnerable due to brain impairment by the extreme lower level of the glucose.

- Litchis is summer fruit of the north india and when children eat it and skip their evening meal that led to lower blood glucose level and coma situation because children have less glucose and hepatic reserve.

**03.02.2017**

### **General Studies-01**

- **The story of saving precious resource : water**
- In the border of the Karnataka and Kerala village people doing something unique practices to conserve water
- They build katta means barrier to river shiriya that make border between Karnataka and Kerala

- This barrier work as water storage that can be used in summer for irrigation as well as drinking and by this storage local ground water level also increases
- This show unique example as both side of border people helping each other for mutual benefit
- Now this work done under MNREGS that provide village man income and capital asset formation in village
- This kind of model give us many lesson i.e.
  - how to use water of river passing through two state with mutual understanding rather than dispute like Cauvery river
  - how to utilize human resources in MNREGS
  - innovative step to conserve and use of the water .

• **importance of the heritage in history**

- without architecture we cannot remember –John Ruskin
- when Britain take Delhi they first demolished 80 % of the red fort inner construction to make it Britain interest convenient
- it was Charles canning who has established archeological survey of india [ASI] and Alexander Cunningham become first head of it.
- Now ASI come under ministry of culture and its duty is to conserve heritage monument of the country
- No construction ,quarrying, mining or economic activity to be done in 100 meter of the national heritage place

- But above stated restriction bind only to books or paper because present generation believes in development even at the cost of the past also.

### • Looking back to look forward

- January 30 the mourned day for the child nation losing its importance because winner was violence over non violence because today we are full of violence
- On 30 January when Gandhi take last breath nation as child was in fear about ethic, civilization and future of nation
- We should celebrate this day as the day of the freedom movement because it is the politics that killed Gandhi and he was the Gandhi that opposed that dirty religious politics .

**• British parliament vote in favor of Brexit**

- Brexit is the term recently used for the process of the Britain to out Europe
- European union was formed by treaty of Lisbon as economic and custom union and have common currency also
- Britain passed referendum stating exist of the European union but supreme court ordered parliamentary vote as mandatory
- Recently parliament vote with overwhelming majority to exit Britain that will take around two year of procedure
- Following are the effect of Britain exit on indian economy
- indian firm have to get visa for European country also

- now trade have border as uniform market broken with European
- if post Brexit Britain turn toward india that will help us to boost trade .

**Andhra Pradesh bringing law to give police power of DNA tagging**

- DNA tagging means every person DNA will be collected with information and when crime done on the basis of that information crime story can be solved within hour time
- This type of legislation also bought by the central government in 2012 but failed because of the concern about right to privacy
- This law will also fall if central government will not take step for proper legislation

- Right to privacy come under fundamental right but it can have reasonable restriction on the basis of public order
- **India china relation**
  - Relation of two piou of the Asia worsening because of the CPEC, massod azhar and NSG approval issue
  - India should accept the proposal of the china to join china Pakistan economic corridor that will help india to create free trade zone in Himalayan countries but our PM already uttered that connectivity should not override other country sovereignty

### **General Studies-03**

- **MNREGS and budget allocation**
  - This time more budget allocation has been done in MNREGS than previous year though right group

opposed it and demand for provision to employment on demand rather than only 100 days limit

- MNREGS should be more creative and sensitive in the time of the distress in the economy like demonetization and drought
- But major problem are ghost worker, lack of monitoring system with help of technology like space technology, delay in wage payment, no creation of capital asset, more leakages etc.
- **Triple surprise in budget**
- In this year budget three matter going outward than recent trend
- importance of the domestic economy on rising as world headword protectionism
- no trend of the populism movement

- no major provision about environment as economic survey also lack of it.

### • **Bird lover uncover secret behind evolution of the beak**

- Every bird have developed diverse beak in search of the more and diverse food
- This formation of the diverse beak is because of adaptive radiation a process of accommodation of bird in another environment and food and this changes come in very little time period

### **General Studies-04**

### • **Transparency and accountability in political party funding**

- Finance minister move to only bank transaction to donation above 2000 is welcome step toward politics with passion

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- There are only provision but no mention of the mechanism because if donation not registered not verified then what will be?

- This also led to lack of neutrality to donor as their name declared means rival party will affect his/her interest if donor party not coming to power

There should be best possible way is to take political party under the ambit of the RTI

**04.02.2017**

### **General Studies-01**

- **New prehistoric art found in Kerala**

- Neolithic petro glyphs cave evidences have been found in edakkal

- Petro glyphs = carving and petro graphs = drawing and painting

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- This evidences show Neolithic site means Microlithic age that suggest about micro stone work for making artillery for gathering and protection
- It is vital found because this is the stage of human evolution when human transform itself from food gatherer to food producer :

## **General Studies-02**

### **⇒ Blockade in Manipur and its consequences**

- Blockade automatically shows the lack of connectivity or lower connectivity
- North east state biggest problem is connectivity not else because other problem result of that lack of connectivity
- Government trying to connect it through kaladan project and railway connectivity but geography becoming major obstacle

- China has provided railway connectivity in great Himalayan terrain that shows model project and india should follow it.

### **General studies 03**

#### **⇒ Aircel maxis spectrum cases**

- This all the story start from the auctioning of the spectrum that are public resources
- Spectrum means beam of network that company or entity can use. And for this unit has to pay money or lease rent for that purpose
- Spectrum was given on the basis of the lottery or proportional basis so all the communication unit may not get sufficient unit
- New and new communication unit being established to get spectrum on lease

- This unit was only company on paper that means they come into existence only to get spectrum and sell this spectrum to other unit at high prices
- Aircel maxis case also include this story and now head of the unit not presenting to court .

### ➤ **Increases trend of the cancer**

- Brain, nervous, lung and mouth cancer cases is increasing in northern belt as per the study of the Fortis memorial research institute [FMRI]
- What is lack of cancer patient management
- Lack of enough data
- Lack of spending by government
- Lack of research by medical institute
- High patent right in medical research

### ⇒ Violence in Kohima

- After local body election violence occurred in Kohima the capital of Nagaland due to reservation for women in local body
- After mass protest in violate form government suspend reserved quota that show the spirit of women empowerment in people and commitment of government
- This incidence shows that only mention in constitution not make anything but make people eligible to understand actual meaning of every provision that matter for republic

### ⇒ Oil spill in Chennai coast

- Two ship collision led to oil leakage in one of them and finally oil spill incident occur on the coast

This has devastating effect on the marine life and coastal fishing community because

- increase in acidity of water
- low sunlight penetration
- low dissolved oxygen

large number of fish and turtle washed ashore due to oil spill and this incident shows lack of infrastructure because according to provision state government given 50 % grant to update disaster relief equipment

- nowadays by using GPS system it is impossible to collide two ship having clear weather and calm sea

⇒ **Gujarat government plea to end import duty on scrap ship import**

- Gujarat maritime board has developed Alang-sisoya ship recycled yard in 1982.

- This yard account for the 90 % of india ship breaking and 35 % global share with giving employment to more than 1.5 lakh people directly or indirectly

- Central government impose 2.5 % basic import duty on ship scrap import that make tough for the competition with Chinese and Pakistan ship breaking unit

**05.02.2017**

**General studies 01**

**➤ The story of colonization**

- Sri Lanka being the tropical country provide good geographical situation for the cultivation of the tea specially north region called Jaffna region
- British want to take this benefit but Jaffna mountain region lack population because of difficult terrain
- Indian Tamil have been bought in Jaffna region to tea cultivation
- This Tamil population pressure increases and that led to crisis between Tamil and Sinhalese
- This conflict intensify in 80's decade with violence so india peace keeping force and America had intervened in this matter

- The negotiation process also result in threat to our national security as tamil people include from indian root
- This threat also led to assassination of the Rajiv Gandhi and recently document declared by the CIA reveled indian and American forced leader to negotiate in the process.

### ⇒ Avalanches problem in Himalaya

- Avalanches means sudden downward rapid movement of the ice from mountain peak to valley
- Himalaya in great threat of the avalanches due to steep peak, deforestation, instable temperature, construction activity etc. greasing this activity
- So government should take step like zoning according to risk involved and human settlement planning in low risk zone

⇒ **12<sup>th</sup> century sculpture in found in Kashmir**

- Lord Vishnu evidence found in south Kashmir date back to 12<sup>th</sup> century
- This sculpture half work out showing men dressed in ward suit on elephant

**General Studies-02**

⇒ **Record break voting turnout in election**

- ⇒ Punjab and Goa assembly election was held yesterday show some record break trend of the voting
- ⇒ Goa show around 86 % voting while Punjab record 78 % that is historical and showing good health of the democracy
- ⇒ More voting turnout showing peoples interest in democracy and give mature decision on government formation

⇒ **Travel ban revoked by American government**

- ⇒ Trump prejudiced view about Islam led to ban on the visa and block traveling to seven Muslim country
- ⇒ That also lead to chaos in the world as this refuse strategy toward whole community may trigger more extremist activity
- ⇒ After the ruling of the court American government lift that ban and again traveling freedom provided
- ⇒ This kind of immature decision by the worlds greatest power leader also make world more instable

**G.S.-03**

⇒ **Report revel Nagaland government paying to**

**NSCN**

- NSCN is national socialist council of nagalim is violent group for the liberation of Nagaland and formation of greater Nagaland

- Recent national investigating agency [NIA] reveal report about ambush funding by Nagaland government to NSCN that is one of the banned terrorist group
- This showed state government inability in law and order situation formation and also give group power to fight against more violently
- State government should provide skill and self employment opportunity to personal of group that will be positive and sustainable step

### **⇒ Effect of the digital gadget on the human mental power**

- Using tablet or mobile or any other digital gadget may become harmful to eye power of children because of blue light emission
- This digital gadget extra or ultra concentration activity may lead to lower self regulation

- Long time watching to display lead to eye straining according to some doctor
- Myopia [ short sight ended] become major problem so children should be taken out of home
- International study found that most of college student are myopic not only because of the long time display work but also for decreasing hour of the outside activity
- What step should be taken to cure this
- exercise regularly and take healthy food
- limit screen time and take break in between
- educate children about importance of eye sight
- annual eye check up for children

## • **trial treatment for the HIV AIDS**

- human immuno virus acquired immune deficiency syndrome is full form and this disease related to weakening of the immune system of the person
- this disease have no certified drug till date and trial are going worldwide
- recently trial is being done by the government homeopathic hospital of the Andhra Pradesh which ultra virus and illegal according to NACO
- if any doctor want clinical trial they must have to register with clinical trial registry of india and NACO
- this new homeopathic drug is being made from the venom of the rattle snake that confined to eastern united state this drug effective to prevent multiplying of the HIV virus and amend DNA and RNA structure

## ➔ health sector in budget

- in this budget government have not taken much step about cure and prevention of the disease that also led to more and more out of pocket expenditure
- more out of pocket expenditure means > more rupee goes to medical >less for education >less skill >low pay employment again
- if person not spend amount on medical cost > more disease > more devastating effect
- maternal and child health matter the most because it is the base for the social tree
- india also now facing non communicable disease or what called life style dieses like kidney failure. Diabetes etc.

⇒ **medical facility at the time of the war or disaster**

**a lesson from the yemen experience**

- gulf country and ISIS war torn country have great humanity concern because of only fighting no matter for future

- doctor without border are the group of doctor one of NGO working in middle east to provide health facility in war torn area with great risk of the life

⇒ **railway in budget**

- this budget mark the historical way as inclusion of the railway budget in general budget by breaking year long practice

- this also threat autonomy of the railway

- rashtriya surksha kosh will be established with 1 lakh crore rupee and solar power installment at station are among the focus area

- IRCTC and IRCON to be listed in stock exchange to make it more competitive and also improve performance

⇒ **Education in budget**

- “My hope of the future lies in the youths of character, intelligent, renouncing all for the service of others, and obedient – good to themselves and the country at large”....Swami Vivekananda

- To unveil democratic dividend major focus given on the qualitative appraisal of the government spending and special focus to be given at elementary education to use innovative technology

- University or higher education give some autonomy in curriculum on the basis of the performance of the institution

- SWAYAM platform for the global educator that can learn indian student on digital platform

- Pradhan mantri kaushal Kendra to provide skill to youth STRIVE program to enhance industrial product value

⇒ **New medicinal plant for the cancer treatment**

- New medicinal plant found in western ghats can help to cure cancer and wound
- Neurocalyx calycinus is name of the plant that used by the cholainicken tribe has multiple medicinal property

The researchers have filed for a patent on a novel herbal drug formulation possessing wound-healing, burn-healing, anti-cancer, analgesic, anti-inflammatory, immunoenhancing, platelet-augmentation and anti-oxidant effects.

**06.02.2017**

**G.S.-01**

## **⇒ Central government moving toward ending triple talaq**

- Triple talaq is special practice of the Islam community in which husband can take divorce by just uttering talaq three time
- After this woman life become vulnerable to social evil and exploitation. This issue become major problem after shah bano case because it is now become matter of political fight
- Triple talaq practices got its roots form holy Quran but some sect denying this fact because in some Islamic country is it also banned
- In india ban of triple talaq being protested in the name of the minority religious protection because our constitution grant minority protection.

- Reasonable restriction principle are there according to it court can restrict person right on the basis of health, morality, public order etc.
- Another principle in the matter of the religious restriction is what constitute must practices or inner part or core philosophy of the religion that can not be restricted
- So government should take step toward uniform civil code under article 44 to make indian cultural bond more strong and women have place where they also can live par with dignity
- It is matter of justice, equality and dignity for women

### • **Ancient sport and modern protest**

- Jallikatu is bull taming sport celebrate across tamilnadu got its root in sangam literature
- This sport specially arranged on the occasion of the pongal i.e. harvesting festival in south india

- Supreme court banned it on the basis of the prevention of cruelty toward animal this led to extra ordinary mass movement
- Jallikatu being majorly sport of west and south tamilnadu rural sport attracted lakh of urban people showing peoples negative attitude toward government also
- It is more about identity crisis that also have existence after language crisis and some anger had been added by the Cauvery water issue in which central government play dormant role.

**G.S.-02**

⇒ **Aadhaar must for the scholarship**

- ⇒ Unique identification program by government in which biometric identity base prepared by the government for citizen that will act as medium to benefit transfer and act as big data sources

⇒ Central government also passed Aadhaar as money bill for the mandatory Aadhaar for getting benefit of the government benefit

⇒ Supreme banned for mandatory of Aadhaar as this will breach right to privacy of person as fundamental right.

⇒ **Breaking the status quo**

• Change is the key to progress government officer biometric present to selection of padma award, political funding to unified budget of railway show the government commitment to transparency

• Status quoists fear change, but visionaries with courage and conviction are capable of taking game-changing decisions in the larger interest of the nation.

• The decision to demonetize high value currency notes and other changes are marked by the Prime Minister's motto of Reform, Perform and Transform. The intention to transform India for a better future was

reflected in one of the government's earliest decisions: winding up the Planning Commission and setting up NITI (National Institution for Transforming India) Aayog to provide directional and policy inputs to the government.

- With the government according priority to the welfare of “*Gaon, Garib, Kisan, Mazdoor, Mahila and Yuva*”, various schemes such as the Pradhan Mantri Jan-Dhan Yojana for financial inclusion, and the Pradhan Mantri Mudra Yojana, have made a huge impact at the grass-roots level.
- Cleanliness is next to godliness, to use a clichéd phrase. Unfortunately, importance was never attached to vital aspects of cleanliness by most till this government launched the Swachh Bharat Abhiyan, which virtually turned into a people's movement. As a result, over 450 cities, 1.4 lakh villages, 77 districts and three States have

declared themselves as open defecation-free. A remarkable transformation in the attitude of the people has made this possible. More than three crore toilets have been constructed under the mission

- As part of the government's vision to double the income of farmers by 2022 and prevent farmers' suicides, schemes such as the Pradhan Mantri Fasal Bima Yojana and the Pradhan Mantri Krishi Sinchayee Yojana, to provide crop-risk coverage at low premium and expand irrigation facilities, have been yielding good results.
- Another revolutionary initiative has been the Beti Bachao, Beti Padoo scheme. Over one crore accounts have been opened and more than RS11,000 crore has been deposited under the Pradhan Mantri Sukanya Samriddhi Yojana, which seeks to ensure a secure future for the girl child.

- Other schemes that seek to bring about transformation include One Nation, One Market; the Deendayal Upadhyaya Gram Jyoti Yojana; supply of 20 crore affordable LED bulbs; Mission Indradhanush; Stand Up India; Start Up India

### **G.S.-03**

#### **ISRO will launch 104 satellites**

- Next week ISRO will launch 104 satellites from which 84 will be from US
- No space agency from world has launched such huge number of the satellites
- This operation of launching will be done by the PSLV-C37 rocket
- ISRO has recently launched 20 satellites and maximum record of 37 is with Russia

- This single flight include cartosat-02 series satellites and rest from foreign agency on commercial base > increase in the income of the ISRO > more money for research and development > more innovative work for common good at all

- This 100 satellites called cubsat or doves or flock 3p that combine weight is 5 KG

⇒ **Health sector in this budget**

- In this budget central government target global burden of million dieses like TB, kala azar, leprosy, filariases and measles

- This narrow target show that now government have no interest to universal basic health expenditure and give some relief to people form out of pocket expenditure

- Globally more that 50 % of the TB cases filled in india that need specific target or scheme with government serious attention

- District based target should be assigned to get better result and target based dieses elimination

### ⇒ **Oil spill as major disaster**

- Recently collide tanker near kamrajar port led to high quantity oil spill and major disaster but lack of political will power led to minor incident and not taking enough step .
- Disaster is bet teacher but in india from Bhopal to Chennai never chemical safety measure has been taken either not implemented
- Oil spill lead to change in ocean chemical formula > less sunlight penetration > large ocean organism lead to death > loss of biodiversity > also loss of employment of fishermen
- Petroleum oils are complex mixtures of chemicals that are toxic, bioaccumulative and persistent in the environment. Some, like benzene, are known human

carcinogens. They enter the body through inhalation, ingestion and the skin. An oil spill clean-up is a hazardous waste remediation exercise. But the world watched as Chennai's youth rolled up their sleeves and scooped the oily emulsion bare-handed by the bucketful.

### ⇒ **Indian subprime crisis in making?**

- Share of debt in company rising as NPA of the bank also rise and twin balance sheet problem will be more intensify by the demonetization that also lead to sub prime crisis

### ⇒ **Budget would help in doubling of farmer income**

- In the recent announcement government decide to use MNREGS worker to dig pond for farm and special focus have been given to micro irrigation plan
- But recent survey says that major problem of income rising is existing income of the farmer > now farmer

have low income > more debt for cultivation + interest  
and other instability > commercial formula of the  
agricultural broke

- Half of our farmer is women but land title are not on the name of the women so they can not demand for the institutional credit
- Price of the farm input rising as government decreasing subsidy but not MSP rising .

**07.02.2017**

**G.S.-01**

• **Earth quake in north india**

- Earth quake jolted north india at 5.8 Richter scale have epicenter in rudraprayag hilly tract of the Utrakhand
- This earth quake come under high probability zone of the Himalayan state which are still geologically active

- Himalayan area felt one great earthquake in a decade that unveiled by the trend of earthquake
- Earthquake reporting come under indian meteorological department, national seismological bureau
- Himalaya one of the geologically active fold mountain have no instances of volcano due to very deep force and land to land collision
- Government should update its quake zone map to provide better risk management and town planning though we can see Tehri and many more dams in high risk zone

## **G.S.-02**

### **Property case on jayalalithaa**

- Jayalalithaa and four other accused have out innocent in ruling in tamilnadu high court overruling trial court decision

- So case was transferred to Karnataka high court now Karnataka court given one week time for the procedure
- In this case jayalalithaa and four other person accused of having more property than income sources and jayalalithaa also have to quit chief minister post in between

**G.S.-03**

### ⇒ Sahara scam

- ⇒ Sahara scam related to launching of the convertible share which have rules to take permission from SEBI and have some time limit within fund IPO should be closed but sahara have broke both this rule
- ⇒ So supreme court arrest its director but they are not able to return the money of the investor as firm already over leveraged

⇒ Over leveraged firm means firm with more debt than its capital and this trend of overleveraged firm continuous in many firm recently

⇒ This led to threat of the indian sub prime crisis due to twin balance sheet problem and rising NPA

⇒ **8 people die daily in Delhi due to pollution**

• In recent hearing SC reveal data about daily 8 people average death due to high air pollution

• High air pollution lead to low functioning of the lung that also lead to asthma and many other respiration dieses

• So supreme court order to find out alternative way for the coke and lighting house oil consumption

• Dust causes more pollution than fuel consumption because of scarcity of humidity of soil led to cyclone of soil that come as particulate matter.

## ➤ **Rewriting WTO**

- WTO now undergoing the fear of the trans pacific partnership and now problem coming from worlds trend of nationalism or protectionism
- In recent years WTO lost its importance because developed nation getting their bias decision or they are able to give high subsidy to its trader and farmer
- WTO totally undermine developing country and particularly small farmer and also ban on subsidy led to threat to the sovereignty to indian as how to subsidies agricultural item and how to store it.
- There are rules on subsidy that divide subsidy on color of the box like green, amber and red and if indian will breach this rule no action can be taken under rule of peace clause
- Now WTO head coming india to discuss about e-commerce and related other issues

## ⇒ Irrawaddy dolphin

- Some 200 Irrawaddy dolphin have been seen in Orissa across the state
- This dolphin is now under endangered mark of the IUCN
- This dolphin major site in Orissa are Chilka lake [biggest brackish lagoon in india] and bhitarkanika
- It is cousin species of the Ganga dolphin found in Pakistan in Indus river named Bhulan
- Major threat to this dolphin are polluted water with chemical composition that make hard to live in this water, hunting, poaching, barrage are other problem faced by dolphin species in Himalayan river system

⇒ **Japan to clean sky**

- Japan space authority JAXA want to take initiative for the cleaner sky form the garbage of the technical tool of space authority that are now not in use

**08.02.2017**

**G.S.-01**

• **A.C.N. nambiar**

- A.C.N. Nambiar was a man of many parts, but he had a life away from the public eye, as a trusted but discreet friend of Jawaharlal Nehru and Indira Gandhi
- The journalist-activist diplomat who rubbed shoulders with kings, democrats, dictators, political activists and revolutionaries in Europe, and faced long detentions in foreign jails for no crime, also had ties to Subhas Chandra Bose. At the end of the Second World War he was a pauper, only to rise like a phoenix.

- This all the detail revealed by one book from former RAW chief that mention about forgotten anti colonial warrior

- **Pride as well as prejudices**

- Recent incident in Nagaland with violence to protest against women reservation in local body show another forced patriarchic trend

Male person body argued that it is against the cultural or ritual protection given under article 371

- When election of the local body declared naga people group threat not to file candidature otherwise they will be exclude from community while state become only spectator and fail to implement rule of law

- Protection of culture given under 371 have no mandate on implementation of the panchayat raj institution

- Reservation of the seat for the women are mandatory provision under article 243T

## • Court of contempt

- When any person allegedly blame the judiciary or refuse to accept the order of the court then court of contempt can be bring on person
- Court can initiate the procedure if the court of contempt on its own means suo moto
- Even justice of the court can be bring under contempt as recent incident of the high court justice show that
- Madras high court justice now transferred in Kolkata court blame court system in letter to prime minister

## • Cauvery river water dispute

Cauvery river water dispute first solve in 1892 and agreement made between madras and Mysore state

- Another agreement was done in 1924 but Karnataka government denying both this on the base of its

colonial act between princely state and now constitution exist so decision should be taken again

- Now Cauvery water dispute case going on with historical agreement as base but Karnataka refuse it.

If anything not mention in constitution than supreme court has power to analyze it and deliver judgment according to law of land

- Natural resources should belong to the whole nation so there are no scope of the arbitration and everyone should conserve it for the shake of human life

- This interstate problem can fuel the threat to the national integration and security so central government t have to be mediator in this process

• **NEET and tamilnadu**

- National eligibility cum entrance test is all india medical graduate and under graduate admission test

- Tamilnadu government took two legislation to exempt state student from NEET that is against the stand of the supreme court because supreme court in its judgment want NEET must for admission

- This legislation of tamilnadu need president approval but this law is violation of indian medical council act

- On the other hand parent and children are in fear because NEET have different syllabus from what is studying in higher secondary in state

**• Looking toward Africa [ANTÓNIO GUTERRES – UN general secretary ]**

- All the humanity will benefit by listening, learning and working with this continent

- Generally people show this continent from prism and prejudices of problem but real picture is hope and potentiality

- Development Africa come with benefit of inclusive and sustainable development In world with peace and prosperity
- Every country of the Africa show new idea to established democracy with people power that have root in society than political democracy that must
- Today's world need to prevent crisis rather than wasting energy in managing crisis
- In Africa every 3 person from 5 are under young age that will provide demographic dividend to Africa but major initiative should be taken from women empowerment that lead to world empowerment

**G.S.-03**

### **Demonetization and its after shock**

- Demonetization having an accidental declaration have negative effect on economy but this will create platform for boosting economy

• Following activity have been affected by the demonetization

⇒ sowing of rabi crop

⇒ sale of vehicle

⇒ growth of credit

⇒ employment generation

• demonetization after effect can be converted into good or positive effect by rapid remonetization, credit growth and financial stimulus

⇒ **india to frame policy on synthetic biology**

• this technology useful to produce beneficial bacteria and microbe with the help of chemistry and biology synthesis

• Synthetic biology in microbial systems holds promise for production of drugs, vaccines, fuel components and other chemicals. A popular example is the production of

artemisinin, a powerful anti-malarial drug, in yeast, at a commercial level.

- Last year convention on biodiversity at Cancun also discuss this matter and its potential in health and biodiversity sector

### ➤ **Need for up gradation in armed forces**

- There are famous saying that if you want peace you have to show off power also

Indian army played great role for strategic defense on border to humanitarian duty in country on the time of the disaster

- Leadership issue also looming in army because arms and ammunition can not work with human hand but recent incident of the human resource management show severe situation because if army personal have prejudices or trust deficit in nation than no one can stop destruction of the country

### ⇒ **Hambantota port**

- This port situated in south sri lanka developed by the china for trade cooperation
- This port first given to the india but we cant build up infrastructure so sri lanka do it with the help of the china and clarify that sri lanka has no intention to use their soil or water against any country
- Hambantota port will affect traffic to india as pass way of the Europe to south east china

### ⇒ **New contraceptive for men tested on monkey**

5. Till today major instrument of the contraceptive for man is condom, withdrawal and vasectomy[one of the permanent solution]
6. This contraceptive will stop the flow of the male sperm to avoid pregnancy and better family planning

⇒ **Court of contempt**

- Court of contempt means breaching court law or blame judiciary than court bring judicial contempt
- Recently this proceeding bring by supreme court with its own judge of the high court dinakaran
- In 1977 Sankal Chand case judgment supreme court held that neither president nor chief justice of supreme punish judge for miss conduct
- Supreme court is guardian of constitution so If anyone breach that constitution or blame it than its duty of the judiciary to punish him/her
- Article 129 with 142[2] provide procedure for the court of contempt this article provides that if anyone damage judiciary repeatedly then it has power to contempt there are no limitation with respect to its own member

⇒ **Getting back home safely**

- In the time of gulf war in 1986 thousand of the citizen have to wait in Yemen to evacuate safely by indian government while in April 2015 Yemen again was in fire and nearly more than 5000 citizen have been evacuated by operation RAHAT in hour of time
- This show the effort of government to save every life and show the value of the person life but indian have more than 7 million people working in gulf instable zone also demand for the greater capacity building
- In any evacuation operation government should approach unique approach because everywhere have different situation and different crisis
- Indian diplomat must be given training to solve situation with complex scenario
- Always work with friendly approach to every government that will help in emergency time
- Government should give full flexibility in this kind of the operation to army personal

- Government should give primary focus on the safety of citizen not the cost inflation target

### ⇒ **Central bureau of investigation**

- Central bureau of investigation being one of the statutory body for the investigation in civil and criminal investigation

- This body established under Delhi special police establishment that is being now old act and not working properly with current situation

- So parliamentary standing committee given report about new law formation for the better management of criminal investigation

## **G.S.-03**

### ⇒ **Withdrawal ban to be lifted from 13 march**

- Demonetization have two side of the same coin in which on the one hand it can prepare platform for the long term benefit while on the other it have short term economic crisis

- To replace this crisis with the opportunity depend how rapidly government do remonetization, financial stimulus with credit growth

- This lift of withdrawal of the ban will also lead to deficit of faith among the citizen so government should take step of the capacity building and faith generation

⇒ **Center will install quake sensor in Utrakhand**

- Utrakhand one of the Himalayan state come under zone of the seismological very active zone due to continuous folding of the young mountain

- This sensor will measure the magnitude and frequency of the earth quake to understand geological pattern of the region

- Garhwal – kumaon region being very seismological active with Nepal border also facing frequent earth quake with severe scale

- Experts have long warned that a major quake in the Himalayan region is imminent because of the strain that has been building up over the centuries

## Growing insecurity in Afghanistan

- Recent bomb blast in supreme court campus shows that safest place Afghanistan not safe even now
- Past year parliamentary attack also prove the power of the Taliban or lack of security arrangement in Afghanistan
- One country's supreme court attack pave the way for the damage to justice system over world and inability to worlds to protect even justice > trust deficit among people about justice system > fear of people led to joining of the terror activity because they are who governing them.
- Afghanistan terror problem start with colonialism in which Russia and Britain fight for the strategically central Asian location
- This war intensify with intervention of the Taliban also led to more Taliban group as they are getting fund and ammunition from various funding agency and now Pakistan also blamed for the giving security to Taliban

- India has vast interest in this move because india afghan relation with salama dam and development of the chabahar port.

### ⇒ **Monetary policy committee**

- Monetary policy committee decided to take rate at stagnant point that spread uncertainty among the stake holder while commercial bank given more freedom to work toward base rate and interest rate decision
- As now remonetization process going what RBI should do that is credit growth measure with financial stimulus

### ⇒ **Digital payment cost are biggest hindrances of digital economy**

- Digital payment need one platform made from mobile, internet, merchant platform like NPCL and core banking solution
- This all need much cost but recently digital economy drive by the government lead to cost cut in digital payment and according to TRAI when this incentive

will be wiped out that will lead to downfall in incentive provided by the government

- To reduce this charge banking now developing USSD running system which general mobile also support and lower down the cost

⇒ **Bio plastic will make green and clean world**

- Plastic is major sources of the soil pollution specially non degradable one means plastic which can not be degrade after procedure of the year with sunlight and humus

- Indonesian entrepreneur developed new plastic from the sugarcane and corn starch as bio degradable to save environment

- Because plastic have both side effect like more tree cut for the rubber plantation

This entrepreneur should be attract to make world more green and clean .



**10.02.2017**

**G.S.-01**

**⇒ Nilambur teak**

- It is one of the teak species found in Kerala was identify by british as this species have superior quality of furnisher product
- This species found in western Ghats evergreen forest area of the Kerala will be listed as geographical indication product
- This teak has fame on seven sea for its mechanical and physical appearance with aesthetic value
- When this wood become more famous duplicate product flooded n the market so Kerala agricultural university IPR cell urged central government for GI tag
- GI registration of Pokkali rice, one of the first Kerala produces to get the GI tag, meanwhile, has been renewed. Other Kerala products with GI registration include Vazhakulam Pineapple, Wayanadan rice varieties Jeerakasala and Gandhakasala, Tirur Betel

vine, Central Travancore Jaggery and Chengalikodan Nendran, a banana variety

- The aim of the GI tag is to stop or avoid duplication but in natural resource tag there is need of the conservation component also.
- Natural resources belong to everyone so this tag should not be used as monopoly of contractor or forest cutter

## **G.S.-02**

### **⇒ Human right in muzzafarnagar riot**

- Communal riot in 2013 lead to violation of the many human right as this riot also led to injury to death of many person and Gang rape to refugee in camp till today
- Report of human right violation came from amnesty international titled as loosing faith in judiciary

### **⇒ National food security act and Aadhaar**

- National food security act passed by the government in 2013 to provide right to food

- Under this program center and state both will fund program to provide 3 Rs. Rice/Kg. and 2 Rs. Wheat/Kg.
- Every state has adopted and implemented this scheme so now government given guidelines for the mandatory Aadhaar
  - Person have to present Aadhaar to transfer direct subsidy of the food security or PDS
- ⇒ **Good Samaritan law**
  - Recent incident of koppal about accident of youth but no one can help him due to lack of good Samaritan law
  - Good Samaritan law means to award helper of the accident victim rather than to flee out or watch as bystander because of problem of police inquiry
  - Today when any accident occur every people or bystander look into his mobile phone to took some picture and go to viral .

## ⇒ **Affirmative action on boiling**

- Affirmative action is tool of the democracy aim to equality among equal citizen and equality of the opportunity to everyone
- This action in indian politics known as reservation policy implemented in education and administration
- 33% of the seat has reserved in panchayat for the women for better participation in local governance because empowerment come with representation
- But in recent incident in Nagaland show the trend of the patriarchy in modern world and gravest picture draw on the side of the government also that they have accept the demand of the protestant

## ⇒ **Mattis and parikar agree on the boosting defense tie**

- The first formal meeting of the defense minister of the two country with Donald trump administration shows greater mutual interest
- This tie will work on the objective of the fighting terror as trump administration committed to work toward that goal.

India will be given defense technology trade initiative [DTTI] by the America being biggest defense partner status

**G.S.-03**

⇒ **Forest fire now problem reaching to Kerala**

- Forest fire instances occurred in southern tip state kerala, this area come under evergreen rainforest of western Ghats and deciduous forest of the rain shadow area
- Also Kerala have very fluctuating monsoon system in india because it has highest variability in india
- Kerala forest fire is the result of the ongoing draught year as whole south india facing great draught this year
- To conserve forest with best practices and use of the technology is must. So Kerala forest department will use of the technology
- This instances make us sense to why we cant develop own system. Forest fire instances as going to high Himalayan state we should take step.

### ⇒ Monetary policy committee

- Six of the first meeting of the monetary policy come with little surprise as RBI stand neutral on base rate of interest
- This move also increase the uncertainty on the one hand while act to stabilize micro economic component on the other side
- Monetary policy has prime goal of the inflation targeting rather than watching long term macro scenario so this will affect indian economy in long term planning

### ⇒ An eyewash or turning point ?

- Pakistan is safe home for the terrorism that is the general perception about people or country
- But recent step of the Pakistan have turning point as inspection on the office of the jawat-ud-dawa hafij saeed

This inspection pave the way for the few question weather it is step of its own or forced one by trump administration

- This sudden step have greta impact on world of terrorism as hafij saeed have no case in Pakistan

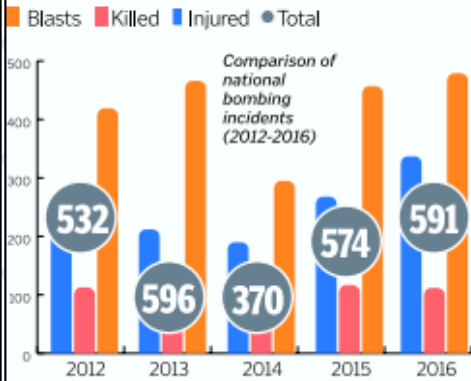
- This move also will increase chance of positive relation between india and Pakistan

**IED kills more common than VIP one**

**THE IED BOMBSHELL**

Between 2007 and 2016, there have been 277 blasts and 223 deaths from IEDs on an average

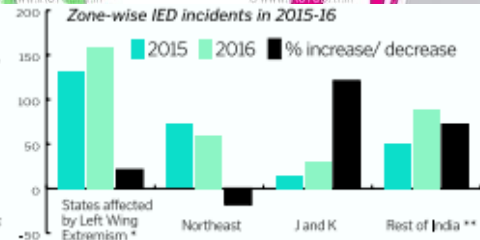
**Year-wise blasts and casualty analysis**



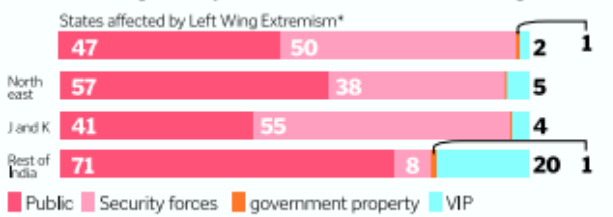
**IED Blasts**

\* Chhattisgarh, West Bengal, Odisha, Bihar

\*\* In the Rest of India, Kerala (33) and Tamil Nadu (32), were the most affected States



**Zone-wise target analysis (whom did the terrorists target?) in %**



SOURCE: NATIONAL BOMB DATA CENTER

- Detailed analysis of the national security guard stated that more common people become victim of the IED than VIP one

- Improvised explosive devices [IED] are less targeted toward VIP than common person

The state affected by the left wing extremism more victim of the IED to destroy developmental work by the government

**11.02.2017**

**G.S.-01**

**⇒ Inequality create public despair**

- Inequality is problem all over the world and that fueling to global movement for equality
- Because inequality > less income to major section > protest towards wealthy section > effect to law and order situation
- Inequality create gap of have and have not > youth having radical mind tend to extremist activity
- Rising inequality > riding of authoritarian rule because in capitalism money of a few person capable to win majority
- Recently trickle down principle not working as much because there are lots of supply of worker present in market so exploitation can be done with lower salary

⇒ **Powerful drama to populism**

- After death of the extra populist leader and chief minister of the tamilnadu now leadership issue has been raised for chief minister post
- AIDMK secretary sasiklala and ongoing temporary chief minister o paneerselvam and political drama getting momentum of the power
- According to article 164 [2] if any person not member of the assembly can be chief minister and sasikala has same case
- But in ruling of the supreme court in B.R. Kapoor V/s tamilnadu stated that article 164 [2] is not power or eligibility but restriction placed on it.

⇒ **Looking beyond our own species**

- Recent tamilnadu government order for the jallikatu show raise few question about right of animal and importance of the judicial order and impact of its breach by the state government

- Tamilnadu government order to allow jallikatu is against the supreme court award in animal welfare board v/s NAGRAJ in which court ruled out that animal also have right to life under constitution and state government can not amend prevention of animal welfare act.1960
- Animal protection march start with rukmani devi arundale known dancer with animal right protector > she bring private member bill as she was nominated member of rajya sabha > Nehru appreciated her effort and give surety about passing of prevention of cruelty to animal
- Both state and central government can make law on animal welfare and if state government want to amend prevention of animal cruelty that it should take consideration from president

### **G.S.-03**

#### **Sariska national park**



- Sariska national park situated in alawar district of the Rajasthan have great biodiversity in the sense of bird and carnivorous
- Recently man and animal conflict increasing due to pressure of the economic activity and population
- When tiger extinct in sariska leopard have freedom in core area of the forest but after some time tiger reintroduces from Ranthambhor national park. Leopard forced to conflict with man and this will affect ecological balance of the sariska national park

⇒ **New body for defense procurement**

- Defense procurement become job of the complex integrity structure and sovereignty of country
- The government proposed defense procurement organization to integrate and streamline long and arduous process of defense acquisition
- This organization will work under defense ministry to integrate whole process of the defense acquisition

- Cabinet committee on security headed by the prime minister also increased procurement power of the defense minister .

**12.02.2017**

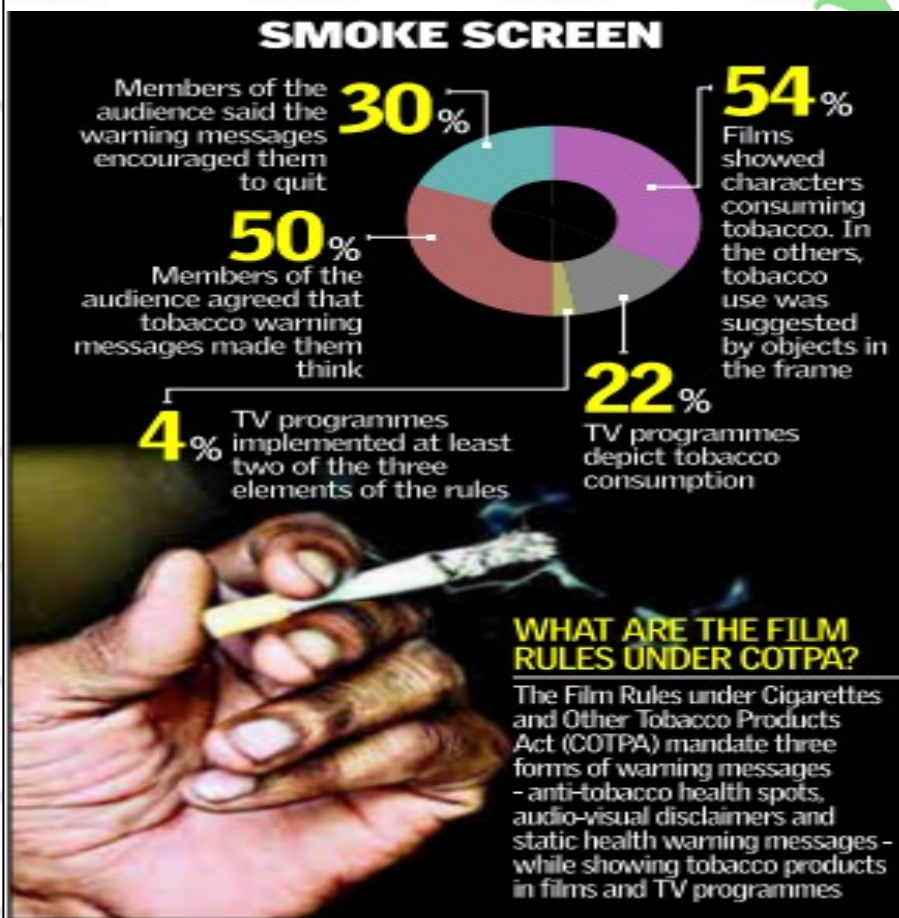
**G.S.-02**

⇒ **Government committed to independent judiciary**

- Constitution of india follows separation of power among legislative, judiciary, executive and its directive principle of state policy under article 50. Also it is fundamental principle of constitution that can not be alter
- Recently deadlock between judiciary and executive on appointment also making in news because judiciary has scrap NJAC on the base of sovereignty and executive now not ready to accept memorandum of procedure formed by the judiciary

## COPTA act and role of media in its implementation

- ⇒ Cigarette and other tobacco product act have provision about showing that tobacco is dangerous to health in film or TV show



## Fears of student about school

- ⇒ Recent survey show that student have fear about safety in school most of fear are lack of toilet, lack of

www.IASTODAY.in/[Contact](http://www.IASTODAY.in/Contact)  
boundary wall, punishment and bullying are major threat

## SCHOOL REPORT CARD Survey reveals striking similarities in children's views all over the world

✓ **41** countries covered in the survey  
✓ **31** developing nations  
✓ **10** developed countries

- 98%** of children universally said education is important to them
- 31%** or one in three children globally said their school is not always a safe place
- 28%** of children in India felt unsafe or safe only some times
- 64%** or almost two-thirds of children in developed countries said education is important because it will allow them to get a good job
- 45%** or almost half of the children in developed countries said education is important because it will allow them to get a good job
- 20%** of children in India felt education is important for a good job
- 21%** of the respondents in India linked education to care of parents in old age
- 6%** of children in developed countries said what they love most about school is 'being with friends'
- 48%** of children in developing countries said they loved 'learning new things'
- 51%** of children said they have safety concerns

10 to 12  
age of children  
surveyed

### SAFETY CONCERNS AMONG CHILDREN



Lack of toilets



Absence of boundary walls



Corporal punishment



Bullying

✓ **6,226** children surveyed  
✓ **3,658** children in developing countries  
✓ **2,568** in developed nations

### ⇒ Right of women on pregnancy

⇒ Supreme court in judgment revealed that women have absolute right on pregnancy, abortion etc.

⇒ This is fundamental right as no one can forced women to take about decision

⇒ But social structure of the country prevent this from implementation because in india hardly a few women have right to take decision on its own

⇒ Reproductive right is one of the human fundamental right related to dignity of life

### **G.S.-03**

⇒ **India successfully tested interceptor missile**

• India tested interceptor missile successfully by targeting another balastic shield missile

• Another missile launched from bay of Bengal as mimicking enemy missile and interceptor missile launched from abdul kalam island destroyed enemy missile successfully

• This missile indigenously developed by the defense research and development organization to combat target in endo and exo atmosphere



## ⇒ **Infection from hospital**

- Survey told that when patient go to hospital return with more serious infection due to lack of the cleanliness in hospital
- This phenomena is called hospital acquired infection

## ⇒ **Health story of rural india**

- People have less income + do not have awareness about importance of cleanliness > health issue > people not going to hospital due to economic constraint > more serious infection
- Rural india > less population > no private hospital > government lack fund > no access to hospital > witch, quack doctor number are being increasing
- Low government funding > more out of pocket expenditure

## ⇒ **Bank now in position to lower down rate : RBI**

- In last monetary policy committee meeting bank adopted accommodative trend to neutral trend

- RBI strongly opposed about possibility of the rate cut due to micro economic slow down after demonetization
- NPA also becoming major problem as long gestation project will bear fruit in long term basis
- ⇒ **SEBI give view of reform to be taken up during FY 2018**
  - Foreign investment promotion board has been scrapped to make investment procedure more simple
  - Now all the work to be done with the online procedure and SEBI will work toward better cyber security to manage this complex system of the investment
  - Special focus for the SEBI in near future will be commodity market to make it more competitive to give farmer reasonable price and lower down core inflation
- ⇒ **Rescue by human chain to stranded whale**
  - Recently lots of whale stranded from golden sea to coast of new Zealand and many found dead

- Environmentalist and volunteers helping whale to return in golden sea nearly 200 whale rescued by this way
- Whale generally found in group while migrating to warm water and work on basis of SONAR techniques to find out its way
- It is first time incident of whale coming in super pod[ big group]

**13.02.2017**

**G.S.-02**

⇒ **Salary of the president**

- Now president getting 1.5 lakh salary that are lower than joint secretary so improvement proposal of secretary has been made
  - This proposal want to increase salary of the president, vice president, and governor
  - This proposal has been made but struck in prime minister office and increment proposal are as below
- ⇒ president from 1.5 lakh to 5 lakh per month

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⇒ 1.1 lakh to 3.5 lakh per month

- This move come after acceptance of the seventh pay commission that proposed to increase 14 % salary of all government employee

- Minimum salary proposed is 18000 per month

⇒ **Trump one china policy review**

- After wining of the election trump showed sign of objection toward one china policy and have conversation with Taiwan president

- But now trump turning into one china policy and back it. One china policy is result of china's integration with Taiwan and Tibet also

- Trump decision making radical style and turning to 180 degree by breaking that rule like travel ban have more instable affect on world geopolitics

⇒ **National sex offender registry**

- Last week minister maneka gandhi suggested to form national sex offender registry for better criminal management and victim rehabilitation

This type of registry also working in other developed country like U.S., U.K. Canada etc.

This registry include former sex offender and help police to take bird eye view on them periodically

- And public declaration of this record will create sense of security to parent and social punishment to offender

### ⇒ **North Korea test fire ballistic missile**

- Test fire of the ballistic missile fueled tension on japan and America show full support sign

- North Korea frequently testing its weapon like recently they have test nuclear bomb and Korea is not also member of NPT so tension rises as rest world have no idea about how much weapon power they have.

- China is great ally of north Korea but can't do anything for frequent united security council resolution provocation

Obama principle was strategic patience but what will be trump policy worlds are unaware about that.

-

⇒ **Multi role chopper at aero india expo**

• Hindustan aeronautics limited will display first multi role chopper helicopter aero india exhibition

• It is planned as a twin-engine helicopter in the 10-tonne category, capable of flying at a height of 15,000 feet, and with a range of 500 km. It can perform several tasks, including counter-insurgency operations, casualty evacuation and combat search and rescue.

• The helicopter is designed to carry 24 fully equipped military personnel or 18 persons in the VVIP role. “It can be a good substitute for the Russian built Mi-17, which is in use, and also fit the Navy’s requirement for medium-lift helicopters.

• HAL is building the 5.5- tonne Advanced Light Helicopter Dhruv, which is operational in large numbers. The Light Combat Helicopter is in an advanced stage of induction and a Light Utility Helicopter is under development.

•

## **Solar power and price barrier**

- To produce energy from sun we need to have two type of the machinery that is photovoltaic cell and sun tower in which sun rays directly reflected by the mirror to one tower where energy is being produced by the thermal and steam principle
- India is founder member of the international solar alliance to produce more and more solar energy with head quarter at gurugram
- Government also start saur saujala yojna aimed to provide solar panel for the irrigation pump
- Recently Madhya Pradesh government decrease price of the photovoltaic cell
- Government has 100 gigawatts solar electricity target to completed by 2022 for the Paris agreement under INDC
- We have made great progress in grid infrastructure or large scale production but in household rooftop we are lack

- Currently, India needs a lot more good quality power, which renewable provide. Solar power is an emissions-free driver of the economy, generating growth in both direct and indirect employment. A lot of sunlight remains to be tapped.

### ⇒ **Single point military advisor soon**

- Central government will create single point military advisory soon to have synergy between services
- This body will increase cooperation and intern interoperability among services to work better and efficiently

### ⇒ **Commerce ministry special arm to manage foreign trade**

- Now foreign trade to be managed by the commerce ministry with the help of the external affairs ministry and prime minister office
- Now foreign trade strategy driven by the PMO and external affairs ministry
- the Foreign Trade Policy (FTP) should reside with the department of commerce providing the trade

community one single entity to deal with. The FTP should be considered a “dynamic document,” according to the report. It added that any change necessitated with respect to the ongoing requirements must be approved by the (commerce) departmental arm responsible for policymaking

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- It is first time incident of whale coming in super pod[ big group]

- This pod come to india following earthquake in ocean near golden coast

14.02.2017

## G.S.-01

### • Kambala sport

- Another buffalo racing sport of the south india getting momentum to allow under culture of the people and state government preparing draft to allow it
- Karnataka state assembly preparing draft for the prevention of cruelty to animal amendment to allow kambala one of the buffalo race of the ancient time

## G.S.-02

### ⇒ Today SC verdict jayalalithaa case

- Jayalalithaa asset case judgment will also affect the political carrier of sashikala and its personal liberty

## PERMUTATIONS & COMBINATIONS

Justices Pinaki Ghose and Amitava Roy will deliver separate judgments on appeals against acquittal of Jayalalithaa, Sasikala & two others in the disproportionate assets case. Likely outcomes...



V.K. Sasikala addresses the media at a resort in Koovathur near Chennai on Monday. —PHOTO: PTI

- 1 Both judges convict the accused
- 2 Both judges acquit the accused
- 3 One judge convicts and the other acquits. The case will be referred to a three-judge bench

- 4 Case is sent back to Karnataka High Court for fresh disposal of the appeal
- 5 One judge convicts while the other sends the case back to Karnataka High Court
- 6 One judge acquits while the other sends the case back to Karnataka High Court

The issue, whether the charges have abated against the accused who aren't public servants following Jayalalithaa's death, has not been argued before the court. This may throw up some interesting possibilities

## ⇒ **Court of contempt**

- When any person make abusive speech about judiciary or challenge the judgment of the court
- One of the judge found contempt of court by abusing language on supreme court
- Now judiciary has brought contempt of court but have difficulty to understand If judiciary can bring court of contempt on its own member or not.

## ⇒ **LEMOA agreement**

- ⇒ Logistic exchange memorandum of agreement signed between U.S. and india
- ⇒ This treaty signed for use of logistical technology of each other in the time of the crisis
- ⇒ In this agreement both country can use each other base for the fueling or repairing of the tools
- ⇒ This will have great benefit for the india as it have strategically importance in the time of crisis

## ⇒ **North Korea missile launching**

- The launch of a medium-range ballistic missile by North Korea on Sunday is yet another reckless provocation by its leader Kim Jong-un. Last year, the Kim regime tested at least a dozen missiles and even vowed to launch an intercontinental ballistic missile that could hit the U.S. Each time the tests have triggered angry and anxious responses from world leaders, particularly from Japan, South Korea and the U.S.

- United nation also make sanction on the Korea but is has not been take into mind by leadership and continued testing of the missile and nuclear weapon

⇒ **Talk in Manipur sabotaged**

- Manipur naga council protest and blockade for the creation of the new district led to price rise of the essential commodity and affect state economy as life line road has been blocked

- Central government try to have meet with leader but political drama lead to failure of this meeting

- Most severe problem is due to lack of the connectivity in state and government should adopt the strategy of

the mutual understanding and adopting practices of the cultural importance of tribe that should be protected

### ⇒ Money bill

- In the constitution of the india under article 110 definition of the money bill has given
- Money bill means increasing tax and financial and monetary policy which only can be present in lok sabha
- Joint sitting cannot be done for the money bill and constitution amendment bill
- When this bill send to rajya sabha then they have only 14 days time to decide matter and if not returned then bill is believe to be passed in the form as lok sabha send it.
- If rajya sabha make any amendment then it is depend on lok sabha to accept it or not.
- Speaker decision on the money bill certification is final that can not be filed in judiciary

**G.S.-03**

⇒ **Rajaji national park and rehabilitation issue**

• Rajaji national park situated in shivalik Himalayas and terai region where stream emerges and mud develops

• Due to population pressure and tourism activity man and animal conflict are on the increasing trend

• So national green tribunal seek rehabilitation of the people from national park limit that are not implemented by the Utrakhand government

• Revenue village or estate in this region called CHAK

• This national park known for tiger, panther, elephant and other animal .

⇒ **Budget analyses**

• This year budget got criticism with much comment but it should be seen in the perspective of the current economic situation where balck cloud hovering over sky

- W. This year budget miss its fundamental principle of the populism and government want let economy to be developed on its own .

**15.02.2017**

**G.S.-01**

⇒ **There may be el – Niño like condition this year**

- El – Niño one of the warm ocean current found in south American coast of Peru and Chile
- Indian meteorological department, india institute of tropical studies and ministry of earth science will make analyses of pattern from foreign and own model
- There are past two consecutive year of the el – Niño and weaken indian monsoon because when there was El – Niño means low pressure in south Atlantic
- That low pressures weaken wind cell of the pacific ocean lead to weaken wind pattern in indian subcontinent and finally draught like condition in india

El Nino refers to an anomalous heating up of the waters in the central-eastern regions of the equatorial Pacific and implies a consistent, average rise in temperature of 0.5 degree Celsius above normal. Historically that translates to the monsoon drying up over India six out of 10 years.

- In the normal course of events, the Pacific waters ought to have been in the converse cool, La Nina mode and only begin a warming trend late after India's summer monsoon period of June September.

### ⇒ **Triple talaq and uniform civil code**

- Triple talaq means practice of uttering talaq 3 time to divorce wife in Islam which ban in many Islamic countries like iran, Syria and Pakistan
- Constitution under directive principle of state policy article 44 stated about uniform civil code means all the religion come under one civil code which are now under its own religious cod like Hindu succession act. Etc.



- Under award of the sayra bano case supreme court give sign of the violation of right of the women and dignity of life

## **G.S.-02**

### **⇒ Judgment over property case on jayalalithaa**

- AIDMK general secretary sasikala got 4 year imprisonment and 10 crore fine
- Now sasikala not to be able to contest election for 10 year because of supreme court judgment in 2013 stated that if person have imprisonment more than 3 year then person can not contest election for next 10 year

### THE LONG ARM OF THE LAW

Justices P.C. Ghose & Amitava Roy had the following to say while setting aside the acquittal of the four accused — Jayalalithaa (A1), V.K. Sasikala (A2), J. Elavarasi (A3) & V.N. Sudhakaran (A4)



AIADMK general secretary V.K. Sasikala at a resort near Chennai on Tuesday. — PHOTO: R. RAGU

Attendant facts... demonstrate a... conspiratorial design to amass vast assets... and hold [them] through shell entities to cover up the... trail of such illicit acquisitions and deceive... the process of law

Corruption is a vice of insatiable avarice for self-aggrandizement by the unscrupulous... Both the corrupt and the corrupter are indictable and answerable to the society and the country as a whole

— Justice Amitava Roy

that A2 to A4... combine[d]... to acquire huge tracts of land out of ... funds provided by A1... was a clear index that their assemblage in the house of A1 was not engendered by any philanthropic urge... [but to]... further the criminal conspiracy to hold [A1's] assets



Firms... were operating from the residence of A1 and it cannot be accepted that she was unaware of the same even though she feigned ignorance about the activities carried on by A2 to A4. They were residing with A1 without any blood relation between them

— Justice P.C. Ghose



### G.S.-03

#### Early warning system developed

- Early warning cum surveillance system developed by the defense research and development organization
- System named NETRA capable of long range surveillance in our sky will be helpful in plane navigation and threat from other country

#### Regulating investment in tobacco sector

- In 2010 foreign direct investment banned in tobacco sector except technology transfer but now commerce ministry proposed blanket ban on tobacco product investment

- This step proposed because of WHO framework convention on tobacco control

- But recently American tobacco giant PMI invested in india which will force this ban under Bilateral investment treaty [BIT]

### ⇒ **Ecological balance sheet in budget**

- In budget two measure should be taken first is to increase budget allocation and second should be utilization of that amount or grant

- This year budget and economic survey have no special focus on environment as world scenario changing under trump administration

- Prima facie the budgetary approach to environmental protection appears to be as fragmented and flawed as the legal approach. Even as the issues of forest

management, resource conservation, pollution control and wildlife protection are manifest to be increasingly interconnected.

- In light of the increasing challenges faced by environment in India, budgetary allocation to the Ministry of Environment under various heads is palpably inadequate. There has been superficial renaming of 'Clean Energy Cess' levied on coal, lignite and peat as 'Clean Environment Cess' with an increase in the rate of levy to Rs400 per tone. Even as climate change and increasing pollution have been matters of great concern, a measly sum of Rs40 crore and Rs74.30 crore have been allocated to the Climate Change Action Plan and Central Pollution Control Board (CPCB)

#### ⇒ **Air pollution in india**

- Due to air pollution yearly 1.1 million people died that is highest in world as pollution emerges as deadliest killer in world
- The number of premature deaths in China caused by dangerous air particles, known as PM2.5, has

stabilised globally in recent years but has risen sharply in India, according to the report.

- India has registered an alarming increase of nearly 50% in premature deaths from particulate matter between 1990 and 2015, the report says
- In south Asia air pollution problem worsening while in Europe and America problem of pollution decreasing and particulate matter is A fraction of the width of a human hair, these particles can be released from vehicles, particularly those with diesel engines, and by industry, as well as from natural sources like dust.
- Particulate matter enter the bloodstream through the lungs, worsening cardiac disease and increasing the risk of stroke and heart failure, in addition to causing severe respiratory problems, like asthma and pneumonia.
- Pollution problem can be solved if people give support to stop this pollution for the shake of health and future generation

## **Scientist developed new rubber called thubber**

- In a breakthrough for creating soft, stretchable machines and electronics, scientists have developed a novel rubber material with high thermal conductivity and elasticity. The material, nicknamed 'thubber', is an electrically insulating composite that exhibits an unprecedented combination of metal-like thermal conductivity, elasticity similar to soft, biological tissue, and can stretch over six times its initial length.

- Its conductivity and elasticity make it usable in micro use such as biotic

**16.02.2017**

### **G.S.-02**

- **Krishna river water dispute**
- Krishna river water dispute are between newly created telangana and Andhra Pradesh
- Both state government refuse to coming on final decision so bajaj panel has been formed which not earning fruit yet.

## **Electorate reform**

- In budget government announces some step like more than 2000 donation to be made compulsory with banking transaction to bring transparency in political funding
- Totally four declaration made as follows
- Only 2000 in cash per person per year
- More than 2000 donation to be made with cashless mode
- Political should fill IT return to get exemption from tax
- Electoral bond should be issued
- Where the problem of above step lying
- In this cashless mode are already in trend because existing law of funding

Timely filing of income tax return is only white elephant because biggest political party have due month and some not feel at all and no one being penalized

More importantly, there was and is no limit to how much overall a party can receive in cash from all sources put together. Following the Law Commission's recommendations, the EC had proposed that no party should be allowed to receive more than Rs20 crore or 20% of its overall donations from anonymous sources.

- This proposal is unlikely to make any difference to the business as usual for political parties. The fact is that most political funds remain in the pockets of party leaders. A small amount enters the coffers of the party and becomes party funds. A tiny fraction of party funds is placed in the bank accounts of the party to meet some expenses that cannot remain invisible.

- The basic outline of the scheme is clear. Anyone who wants to donate to a political party would be able to purchase bonds from authorised banks. This purchase will have to be in 'white money' against cheque and digital payments only. Once purchased, these bonds will be like bearer bonds and will not contain the name of the eventual beneficiary.

These bonds shall be redeemable only in the designated account of a registered political party within a prescribed period. So, the donor's bank would know about who bought how much of Electoral Bonds, but not the name of the party which received it.

### **G.S.-03**

#### **ISRO launch 104 satellite in one go and create history**

- 104 satellite launched with PSLV-037 from Sriharikota. With commercial flight include cube satellite or Nano satellite from various countries
- This flight also include ambitious Cartosat which useful in resource management and map creation
- This foreign launching done on the basis of the commercial contract through ANTRIX. Which is commercial branch of the ISRO
- The PSLV, 39 flights old since 1993, also launched the Indian Moon mission Chandrayaan-1 in 2008; and is set to launch a private lunar mission for Bengaluru start-up Team Indus in late December this year.

• Indian Space Research Organization boosted its reputation by successfully launching a record 104 satellites in one mission from Sriharikota on Wednesday by relying on its workhorse Polar Satellite Launch Vehicle rocket. An earth observation Cartosat-2 series satellite and two other nano satellites were the only Indian satellites launched: the remaining were from the United States, Israel, the UAE, the Netherlands, Kazakhstan and Switzerland. Of the 101 foreign satellites launched, 96 were from the U.S. and one each from the other five countries.

• Till now Russia held the record of launching 37 satellites in a single mission, in 2014, while the National Aeronautics and Space Administration of the U.S. launched 29 satellites in one go in 2013. Last June, ISRO had come close to NASA's record by launching 20 satellites in one mission.

• ISRO plans to launch more Cartosat-2 series satellites and even an improved version. Besides setting the record for the most number of satellites launched in a single mission, the Indian space agency has launched two nano satellites weighing less than 10 kg. It is a

technology demonstrator for a new class of satellites called ISRO nano satellites (INS).

- The main objective of the INS, which will be launched together with bigger satellites, is to provide a platform on which payloads up to 5 kg from universities and R&D laboratories, and ISRO itself can be easily integrated for carrying out scientific research activities.
- With many Indian universities already building and launching nano satellites, the availability of a dedicated nano satellites platform is sure to boost space research in India.

### ⇒ **Geo engineering and climate change**

⇒ In Maharashtra vidarbha facing frequent draught like situation due to situated in rain shadow area

⇒ Maharashtra government now planning to experiment artificial rain to solve this problem with help of the technology

- First of all silver iodide released into atmosphere by the jet rocket
- Then this iodide particle force water vapor to freeze
- That frozen particle come to surface as snow or rain
- So in this technique forced condensation and precipitation take place if this will succeed on larger scale than problem of water scarcity and el- nino can be solved
- The biggest question from scientist if cloud seeding can produce sufficient rain for region. In 2017 monsoon that will be checked in Sholapur area

### ⇒ **Rafale deal**

- India and France aviation giant dassault aviation create a deal for the 36 rafale jet
- This 36 rafale to be delivered between 2019 to 2022 but indian government want earlier delivery which refused by the company because rafale has to be customized yet.

- This rafale jet enhance power in the sky in the time of the crisis

### ⇒ **Deadly air pollution**

- According to recent report particulate matter of diameter less than 2.5 is increasing and that follows the series of premature death. According to statistics in india biggest death toll is due to air pollution globally

- The rise in average annual population-weighted PM2.5 levels indicates that the Centre's initiatives to help States reduce the burning of agricultural biomass and coal in Punjab, Uttar Pradesh, Rajasthan, Haryana and Delhi have failed.

### ⇒ **Plan the city for the people**

- When we think about planned we always have to go to history of ancient india because now no evidences present to shows what will be planned city

- It has now become a truism that Indian cities are poorly planned and governed. Plans do not have complete sway

over our cities since they are constantly violated and a significant section of the urban population lives outside “planned” neighborhoods.

- One of the fundamental issues with our planning process is the incongruence between urban planning and local democracy. Even though the 74<sup>th</sup> Constitutional Amendment sought to empower urban local governments to enable them to function as “institutions of self-government”, they still have limited influence over how the city is planned.

- two decade has been passed since enforcement of the 74<sup>th</sup> constitutional amendment. But till date local government lack function, functionaries and finance.

- Nowadays cities lack of master data or integrated data management that make our city more vulnerable because without data proper planning can not be done.

Without planning cities become headache

- Another what cities lack is humanity and sympathy of living that lower doen happiness index of the person life and make in boring

G.S.-04

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⇒ **A few good officer**

- Supreme court decision on disproportionate income and property encourage investigating agency to enquiry in case with motivation and integrity
- In the case of jayalalithaa every officer have fear because jayalalithaa enjoy much greater majority
- This case present pure form of integrity not only in investigation authority but also judicial system that present real rule of law and this kind incident

17.02.2017

G.S.-01

⇒ **Triple talaq issue**

- Triple talaq is Islamic practice of divorce in which male partner can divorce his wife by just uttering talaq trice....
- Court had intervened in this case at time of shah bano case but islam union opposing it on the name of religious protection to minority

- Many Islamic country also banned it like iran, Saudi Arabia and Koran have no this kind of description at all
- This issue later on become political point to drive women vote bank but now judiciary will bring this issue to constitutional bench
- There are many benches in supreme court for the nature of the cases like division bench, constitutional benches
- Constitutional bench including chief justice can interpret constitution while in this case they will decide if triple talaq affect fundamental right of the muslim women or not.
- In the matter of the minority religious matter supreme decide on the formula of what constitute core philosophy of the religion?
- In this judgment supreme court will also decide if personal law come under article 13 definition of the law or not

- The Article mandates that any law in force in India before or after the commencement of the Constitution should not violate the fundamental rights of citizens enshrined in Part III of the Constitution.

### **G.S.-02**

#### **⇒ Ideal model for liquor ban in tribal area**

- Chenchu and sugali tribe found in the area of the nallamalla hills provide an excellent example of the liquor ban
- Under this system of tribal village liquor banned on the basis of the social punishment if any one found drunk, he/she will be punished with fine and punishment that rural society decide
- This liquor ban seen that they now able to send their children school > better education and skill to children > better living standard > welfare of tribal people that's our final goal .

## [www.IASTODAY.in](http://www.IASTODAY.in) / Contact Us **Parliamentary democracy in india**

- We have a parliamentary form of democracy, where the supremacy of the legislature is rarely subject to any other constitutional authority, including the courts.
- When acting under the Tenth Schedule to the Constitution, the Speaker has been held to be a tribunal whose decisions can be judicially reviewed. That is the only exception, and courts have otherwise largely stayed away from being embroiled in the political thicket of partisan politics
- Parliamentary practice and procedure speak only of motions of confidence, or of no confidence. The House expresses its confidence in the council of ministers led by the Chief Minister or Prime Minister, leading to the continuance of the ministry. Alternatively, it expresses no confidence in them, leading to the ministry's resignation. The House is not called upon to make a choice between two incumbent Chief Ministers. Two Chief Ministers simultaneously occupying constitutional office is an abomination which the

Supreme

Court once sanctified, in unusual circumstances, in *Jagadambika Pal*.

- In jagdamibka pal case kalian singh government suspended without floor test and jagambika become chief minister of uttar Pradesh. High court decides that at least chief minister should be given chance of floor test.
- How it can be possible that two person sit as chief minister in assembly at the time of floor test it is abnormal.
- Another question here is that to whom whip should be followed

### ➤ Should election be state funded

#### • left view

- this view favor state funding in the politics because our aim is white money funding in the politics and implement limit on expenditure of every candidate.
- Black money coming in the politics because of lack of white money that is also become cause for creation of

the black money so cycle of corruption start with funding problem

- But what and how much to be grant is question but this question can be solved by unique way in which give 100 Rs. For every vote the candidate got.

- **right view**

- state funding not possible in country like india because of problem of deficit and welfare scheme are rationalizing now.

- Constitution of india force on election without fear and favor and this money funding means buying voter.

- State funding also can not end donation from unknown sources that are not file in IT return at all

- **central view**

- it is easier to monitor election funding than to provide state funding. Because when state fund election that doesn't mean it is limit for the candidate because they also got funding from unknown sources

- our prime goal in election system should be make it free from black money that cycle start from here.
- It is ideal to pay on the base of the performance and political party should be banned private funding and comptroller and auditor general will audit account of every party
- Second question coming is why worthy money of people should be donated to dirty game of politics but answer will be honesty and transparency in funding system
- Another solution can be forming of the national election fund depository in which corporate house or any other donator make payment with tax exemption and that fund to be distributed to party as per performance index
- State funding idea working in 71 country of the world so why not to try in india.

⇒ **Turtle smugglers facing heat**

⇒ State police of Uttar Pradesh and West Bengal with coordination of Central Wildlife Authority seized over 15,000 turtles

⇒ Turtle smuggling network spread over the country and internationally also that use for medicinal and meat purposes

⇒ The species is a freshwater turtle is under Schedule I of the Wildlife Protection Act and commercial exploitation of it involves imprisonment of three to seven years.

⇒ This biggest success came with greater coordination of inter-state police, forest department

⇒ **Low tariff in solar power**

- Low tariff up to 3 per unit will depend on how long term debt and low price component available

This low cost also increases competition among non-renewable and conventional energy sources because

with using conventional technique it is unviable with lower cost

### ⇒ **New drug for malaria**

- New candidate drug succeed in trial and will be available in market for the malaria

- The candidate drug, called PfSPZ, provided up to 100% protection for 10 weeks in a trial in Germany, although a trial in real life conditions in Mali gave a lower level of defence, they reported in two separate studies.

- PfSPZ uses a live, immature form of the malaria parasite, called a sporozoite, to stimulate an immune reaction in humans.

- The ability to complete an immunization regime in 10 days will facilitate the use of PfSPZ-CVac in mass vaccination programmes to eliminate the malaria parasite and to prevent malaria in travelers

**18.02.2017**

**G.S.-02**

• **Medical diplomacy**

- New and emerging concept of the diplomacy in world but informally existed in india long ago
- Medical diplomacy refer to help in health sector by that country will have good relation
- Indian medical staff worked most in the area of the gulf crisis. In iran, Iraq, Tajikistan, Afghanistan etc.
- This strategic and oil rich country having poor infrastructure. In which india can find emerging potential
- Gulf country reserve now on stake and risk to invest there but central Asian country like Tajikistan and Afghanistan and iran providing new opportunity
- **Terror attack in sehwan**
- The horrifiic suicide attack at a Sui shrine in Sehwan in Pakistan's Sindh province that killed at least 80 people, underscores fears about the Islamic State gaining strength in the country. A suicide bomber blew himself up at the shrine of Lal Shahbaz Qalandar, among the most venerated of Sui saints.

- People of all faiths in the subcontinent have locked here over the centuries, making it a prominent symbol of syncretism, and thereby a particularly potent target for the IS. The terrorist group, which had announced its Pakistan branch more than two years ago, has claimed a string of attacks in recent months, mostly on minority Muslim sects.
- In Pakistan and Afghanistan, Shias, Hazaras and Suis are being attacked. Pakistan, particularly, has a rich Sufi tradition, a mystical and generally moderate form of Islam that is loathed by fundamentalists.
- The suicide bombing at the Sui shrine of Lal Shahbaz Qalandar at Sehwan is not the first terrorist attack on a place of worship in Pakistan, and is unlikely to be the last. Imbued with their extremist ideology, jihadis have targeted several Sui shrines all over Pakistan for several years. As the shrine is a major attraction for devotees, the Sehwan attack resulted in a very high number of fatalities, just like the attacks on the popular shrine of Data Ganj Bakhsh in Lahore in 2010 and that of Hazrat Shah Noorani in Balochistan last November.

- Story start with Pakistan motivated Islamic jihadist to make Afghanistan and India its target but in this game Pakistan forget that nation [ cultural identity ] don't have state boundary and jihadist also make Pakistan its target

### **G.S.-03**

#### **India border management**

- Indian international border have composite structure with hard geo graphic terrain
- Kutch area have border with mud that need special boat and cobra personal and fencing can not be done
- In that desert temperature reach up to 55 C and sand dune changing its place day by day so here we have to build high length tower with cobra wire
- Punjab border also have complex population structure and mud area formed by the Harike wetland and river system so technologically upgraded boat should be used and GPS to be used for border determination
- From Jammu to Arunachal Pradesh Himalayan hinterland make it tough to watch out at border

without proper technology and infrastructure. So this border is highly vulnerable to the infiltration by terrorist group

- So at this border we can use snow scooter with fencing where possible
- With Myanmar problem of dense forest and Bangladesh have complex population and mud area created by the Ganga – Brahmaputra river basin
  - ⇒ Above stated part is most vulnerable to the infiltration by the terror group so now government want to bring innovative idea of the SMART fencing
  - ⇒ This smart fence will use latest technology to have face reader and lesser camera with night vision mode to full time coverage
  - ⇒ Real problem to this proposal is not clear boundary in PoK, funding, technology availability, technical knowledge to army personal and hard geographical terrain

## ➤ **Electricity rate hike**

- In Rajasthan recently government hike agricultural electricity rate that trigger toward oppression among farmer .

## ➤ **ISRO model on how PSU can work with success**

- No government entrepreneur have such excellence in the field of the thir work while ISRO become exception to it
- ISRO have launched 104 satellite with grand success make its fame in not only in india but also all over the world
- ISRO have showed the way to government how to manage PSU ad how one government undertaken can work with world class record.
- ISRO have unique management formation in which ISRO is only responsible to PMO and have to repot only to them which provide them better autonomy to work
- Most of the government organization and headquarter situated in the Delhi that have parent ministry and

political interference. While ISRO have immunity from it.

- Human capital also matter in efficiency of the ISRO that have some of the most genius scientist of the world

### ⇒ **Project loon**

- Google have started this project in which balloon fly over the sky with network tool that can provide network facility in distant area
- This project have successfully tested in the Europe and new Zealand
- Google have moved a step closer to rolling out a network of huge balloons to provide Internet connectivity to billions of people around the world, particularly those in difficult-to-reach rural areas.
- Google have launched new advance loon that can predict the wether and The advance means Google has much more control over where its balloons reach, making it possible to focus on a specific region, rather than circumnavigating the globe.

- The balloons float in the stratosphere around 18 kilometres high. By raising or lowering altitude, the balloons can be caught in different weather streams, changing direction.
- By using machine-learning algorithms, Google thinks it has found a way to predict weather with enough accuracy to make it possible to hover balloons over a relatively small area for a long period of time.

**19.02.2017**

**G.S.-02**

**• Air india divestment**

- For the civil aviation there were two body air india and india airlines which have been merged into one single body of air india
- Due to lots of cess and subsidy this body always have underperforming level of the economy
- So in UPA government idea of the divestment put on the table but face some critics and vetoed by then finance minister
- If air india will be privatized than

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- ⇒ government debt can be solved
- ⇒ NPA can be minimize
- ⇒ Government revenue generation
- ⇒ Competitive environment to air india to perform better
- ⇒ Better service to customer
- ⇒ **Basic amenities in government school**

- Education should be creative activity and honest like value to be awarded but what scenario going is success only matter..

- Education become means for the employment generation so it is also become part of ambitiousness of parent

- Problem start with appointment of the teacher because teacher appointed with lack of integrity can not work toward child enhancement and proficiency level of the teacher also needed

- Second drawback is the infrastructure in term of physical and technological. Lack of water and sanitation facility, lack of wall etc play major role

## ➤ Indian secularism

- India is secular country in which state have no intervention in public affair of religion but also protect the religious interest of the minority
- a secular state must not identify with any one religion or be controlled by it. It is neither pro-this or that god nor anti-god
- A second feature of Indian secularism, the judge says, is that it does not reject religion. A secular state does not entail the denial of “reality of an unseen spirit or the relevance of religion to life or that we exalt irreligion”. On the contrary, the state must guarantee everyone the freedom to practice, profess and propagate their religion. This is the flip side of the same coin.
- For a start, state intervention does not always prohibit but rather facilitates the free exercise of religion. The recognition of a religious community is a positive act on the part of the state. Granting rights to religious minorities (Article 25 and 26) is a form of state intervention. Thus, religious minorities can set up and

maintain their own educational institutions, something large religious communities routinely do without the need for special rights. Moreover, all religious groups, small or large, have equal opportunity to avail of subsidies by the state to run their schools and colleges.

- In short, a distinctive feature of Indian secularism is that it rejects the 'wall of separation' but demands that the state keep a 'principled distance' from all religions. It requires that the state has a value-based engagement with or disengagement from religion. Indian courts must endorse and espouse principled distance and drop the tired rhetoric of strict separation.

### **G.S.-03**

#### **⇒ Chemical pollution in periyar river**

- Periyar river flowing between tamilnadu and kerala have one of the oldest mulla – periya dam
- This river flows through some of the highest bio diversity places in the nilgiri hills
- This river highly polluted by the near industrial estate

- Chemical pollution of the Periyar and the vast tracts of paddy land in the region has been an issue environmental activists have been fighting for decades now. “Various studies have ascertained that the river system has been sullied with discharge of heavy metals and radioactive material. But ever since we raised a hue and cry, several firms have taken stringent pollution control measures, but the goal of ‘zero discharge’

### ⇒ **Story of conservation of species in agricultural**

- One of the farmer of the south kannda give his whole life in the conservation of the paddy species
- Due to high yield variety and hybrid also there is some native species got extinction despite having good quality but lower production
- This farmer have dedicated his land for the conservation of various species of the rice without using any chemical input
- Some of the varieties he has preserved are “Meese Bhatta”, “Kalame”, “Atikaya”, “Raja Kayame” “Suggi

Kayame”, “Tommur”, “Navara”, “Gandhasale”, “Aden Kelte”, “Gidda Bhatta” and “Shasthitka.

### ➔ **Zika virus vaccine**

- Zika virus that spread threat around the world now scientist found potential to fight against zika virus
- Though historically known as a virus causing no more than a mild fever and rash, the 2015 epidemic caused a global scare as it was linked with microcephaly, a congenital anomaly resulting in an abnormally small brain in newborns of zika-infected mothers.

**20.02.2017**

### **G.S.-01**

#### • **Journey of the modern man**

- A new museum in Kolkata tells the tale of how modern humans in the Indian subcontinent evolved from ancestors who arrived about 12.3 million years ago from Africa, during the Pleistocene era.
- Set up by the Anthropological Survey of India (AnSI), the museum traces the history of human evolution in

this part of the world through displays of tools, replicas of artefacts and models.

- The story begins with the arrival of *Ramapithecus*, the oldest fossil primate found in the Siwalik Hills, about 12.3 million years ago. This first hominid and the gradual evolution later is depicted through a series of replicas of facial and skull variations.
- The original artefacts in the newly opened museum include stone tools from the Pleistocene era, about 70,000-80,000 year old and microliths (tiny stone tools) dating back 10,000 years. Prehistoric animal remains from Nitenkheri and Hathnora sites in the Narmada Valley include rhino, elephant and buffalo molars
- Photographs and installations of cave paintings from Bhimbetka and Chambal valley of Madhya Pradesh, Singhanpur and Karmagarh in Chhattisgarh, along with the rock art of Jharkhand, also throw light on humans as hunter-gatherers.

- Artefacts, pottery and other articles of everyday use from the Indus Valley Civilisation — around 5,500 years ago — are recreated.

- **Why inner core of the earth is solid**

- Recently question arises why inner core of the earth is solid despite having more hot than surface of the sun ?
- Energy distribution to outward and pressure from surrounding keep inner core in crystalline structure made up of nickel and ferrous
- Any body at ultra temperature face pressure and form in crystalline structure

## **G.S.-02**

- **67 years of judiciary**

- 67 years ago our constitution framer made radical choice to give universal franchise of voting to people who can govern themselves without any fear or favor
- Just voting doesn't make any democracy here we also need the fundamental right that protect citizen from

state and limit the power of state that not to follow authoritarian principle

- And fundamental right also got protected means two layer protection was given and that can only be restricted of only reasonability

- Judiciary always work as the guardian of the citizen fundamental rights in neutral and excellent way but recently judiciary also turning its way and transforming its own role in democracy

- First such incident come with joly LLB film cut on the basis of defaming the profession of the lawyer though film was cleared by the censor board so it is clear sign that judiciary also getting review power in executive matter

- In another judgment supreme court give order about playing national anthem without thinking liberal democracy and constitution value of this order .

## **Behavior of political leader**

- Behavior of the dravida munetra kajhgam MLA during confidence vote raise the question about the abnormal low behavior as peoples representative
- This event also degrade the democracy and show the behavior trend that infuse lower level democratic attitude of people toward democracy
- We should take step toward formulating model code of conduct for the legislator also that has been suggested by the 2<sup>nd</sup> ARC report

## **G.S.-03**

### **⇒ Dividend issue and railway merger**

- Colonial era practice of the separate budget has been ended with railway budget merged into general budget
- Now railway ministry will work as other PSU working under finance ministry and if any financial shortfall occur will be fund by the finance ministry
- ⇒ Finance ministry ask railway to remit dividend of 14 CPSU which railway now getting to be remit

- ⇒ This will also affect railway revenue part and big deficit that to be fund by the railway ministry
- ⇒ Now railway can not collect dividend from IRCON and IRCTC etc.
- ⇒ Capital at charge means capital giving on lease on which interest to be paid. Or capital which given in the form of the grant

⇒ **Report on death of children due to litchi in Bihar**

- ⇒ Litchi also called the fruit of the labour or poor found in tropical and sub tropical area
- ⇒ In india bihar contribute about 65 % of the litchi production
- Recently published medical research report stated that children who eat litchi and avoid dinner most vulnerable to death
- After eating litchi and avoiding dinner means level of glucose abnormally decreases that cause neuron problem and ultimately led to brain dead

- While national research center on litchi argued that it is inclusive and incomplete report that to be reviewed
- This report publication will hit the litchi farmer and processor at large
- Recently children mysterious death with acute encephalitis syndrome [AES] become issue of discussion all over the state
- ⇒ **Fire in Bangalore city lake**
- Fire in city lake and near by wetland area damage about 79 % of the lake and garden area
- This fire fueled by the waste dispose in wetland especially electronic waste that created huge fire
- It was also threaten by the chief ecological body expert but pro – development government wasn't pay any attention and this incident particularly show the priority of the state government to build city as just jungle of the concrete
- Loss of natural wetlands is an ongoing catastrophe in India. A decade ago, when the Salim Ali Centre for Ornithology and Natural History released a

conservation atlas for all States using space applications, it reported the tragic fact that 38% of wetlands had already been lost nationally; and shockingly, in some districts only 12% survived. The Centre has since issued rules for conservation and management, and chosen 115 water bodies in 24 States for protection support, but this is obviously too little.

- research studies show that the concentration of heavy metals in such sites is leading to bioaccumulation, thus entering the plants and animals that ultimately form part of people's food.

**21.02.2017**

**G.S.-02**

➤ **Trumps immigration plan**

- Donald trump administration still have watch on seven Islam countries immigration and draft in planning about to change immigration policy
- Few day ago Donald trump implemented blanket ban on the seven islam countries immigrant

- These countries include Iran, Iraq, Somalia, Yemen, Syria, Sudan, and Libya.

- This kind of radical step not expected from world leader as discrimination on the basis of the religion will fuel more radical activity among the youth

- This kind of plan also make world more instable and this is not creative step at all to ban whole community on the base of terrorism

- Trump should take step like peace mediator and cooperation to countries where terror activity getting momentum

### ⇒ **New order of the disorder in the world**

- World under the leadership of the Donald Trump fueling uncertainty in the world

- Donald Trump policy of the America first and radical step toward Islamic country will make world more unstable and divided

- American isolationism also fueling as Donald Trump repeatedly following America first policy and

withdrawal from the multilateral group also increase the protectionist policy in the world

### ⇒ **Era of the identity crisis in india**

- Identity crisis led to caste, religion, culture are fueling to crisis of the identity crisis in india

- This crisis have biggest issue on the national security and social harmony but here first question come is the why in this time this crisis taken place

- In the instances first crisis is lack of law and order by the state with political reason

- Sangam literature also mention about the jallikatu means bull taming in pastoral land and boat racing in coastal land but jallikatu protest was limited to urban area

- In India protest for the culture and tolerance to terrorism, black money and corruption that never show such enthusiasm in people prove that till date in India cultural bond in strong than commercial one.

- ⇒ **Center not terming Pakistan as terror state**
- ⇒ Rajyasabha moved draft to declare Pakistan as terror state but central government decide that they will not approve it
- ⇒ This bill intend to ban on economic, diplomatic and political cooperation between countries and ban immigration
- ⇒ This kind of the draft will derogate indian image in world geo political arena and also breach of the geneva convention
- ⇒ India and Pakistan have economic and diplomatic in crisis low time of the kargil and pokran operation
- ⇒ This is private member bill means presented by the member of parliament other than minister will taken into vote once screening committee approve it.
- ⇒ **Forest fire in Utrakhand lesson to be learn**
- Incidence of the forest fire increasing with summer coming up to monsoon arrival

- This forest fire is due to commercial timber plantation, human activity like resident and construction activity, transportation activity, deciduous species of tree that shed their leave etc.
- To avoid such kind of the activity forest department this year committed to use technology like SMS system in which fire incident will be monitored by the space technology with CARTOSAT. When any fire incidence occur this system will send message to the forest personal
- This area comprising of the shivalik hill of the state come under nanda dvi biosphere reserve and rajaji, jim Corbett national park
- ⇒ **Kolleru wildlife sanctuary**
- This sanctuary situated in kolleru lake area presenting one of the rich bio diversity places in the world
- Recently state assemble passed resolution to cut down size of the sanctuary but national board for wildlife rejected it

- Board also asked for the identification of the core area of the sanctuary that should be banned for human activity while outside area can be used in resettlement and rehabilitation of resident and traditional fishing activity
- The working group said in the report that the water from Budameru River which feeds Kolleru had been diverted to Krishna Delta via the Polavaram Left Main Canal and the same should be compensated elsewhere.

### ➤ **From cancer causing crop to health food**

- Tobacco have nicotine that raise the chance of the cancer in the human mouth and lung special if taken by smoking
- Government also ruled out higher taxes and regulating by caution on packet but consumption increasing day by day
- Andhra Pradesh is the biggest grower of the tobacco crop and second place adopted by the Gujarat
- This crop of tobacco can be grown as cash crop in alluvial soil with good sun shine. Medium humidity

- But some farmer from the Andhra Pradesh taken initiative to grow organic food crop instead of tobacco
- Organic crop means using natural component in growing crop and not use of the chemical fertilizer that make agriculture sustainable and make possible evergreen revolution.. this kind of farming activity persist in north east region of the india specially Sikkim is capital form the organic farming
- Organic component include cow dung, cow urine and neem tree that prevent pest in crop
- Organic practices adopted by a select group of progressive farmers in the village include residue mulching, composting and crop rotation to maintain soil health.
- This system of cultivation helps in restoring the severe biodiversity loss associated with inorganic chemical based farming. Chemical farming kills useful insects, rats, frogs and snakes upsetting the food chain in the ecosystem

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**22.02.2017**

### **G.S.-01**

#### **• Rule and indian society**

- Indian society have trend to make every rule as exception and follow only short term utilitarian rule
- Otherwise rule will be followed if there will be positive consequences or punishment on breaking them
- Following the rule has two component first is interpretation of law means logic of law and action difficulty that to be taken for the rule obey
- Corruption tolerance make society more sensitive towards earning more money and social tradition always have greater role on person attitude forming so if you comment on any nation builder there will be no action but you cant comment on persons culture

### **G.S.-02**

#### **• Amnesty international report on india**

- Amnesty international report on 2016-17 found many human right breach instance in india

- Major incident of this kind of breach include sedition, ban on NGO, violation in Jammu and Kashmir
- Government have used radical step to control criticism against government and banned NGO with FCRA without any reason that is also breach of the fundamental right of the person to associate
- Caste based discrimination and violence by Una [Gujarat] and Hyderabad central university and sidelining of the dalit and tribes without priorities to them

⇒ **Price control on cardiac stent**

- Capping the prices of medical stents, which are used to treat coronary artery disease, by the National Pharmaceutical Pricing Authority (NPPA) is an extreme regulatory measure necessitated by the market failure that afflicts the overall delivery of health care in India. Rising costs have led to impoverishment of families and litigation demanding regulation.

- This move help to person with cardiac problem because according to data at the age of 50 average 60 million people suffering from heart attack
- More and more out of pocket expenditure make health system out of economic reach of the person
- This step toward inclusive health system also provide social security to dependent person due to age factor because this cardiac disease majorly can be seen in aged person
- Price control is major and welcome step but still much to be done for the betterment of the citizen

### **G.S.-03**

#### **⇒ Shoot at sight on poachers in Jim Corbett national park**

- ⇒ To control the hunting of the tiger and to control poaching forest department give order to forest official power to shoot at sight
- ⇒ Utrakhand have second largest tiger population after Karnataka state mainly confined to jim Corbett

national park one of the oldest national park named  
halley national park

⇒ **Major air pollution component**

- **SO<sub>2</sub>: Sulphur Dioxide.** *Short-term exposure can harm the respiratory system, making breathing difficult. It can affect visibility by reacting with other air particles to form haze and stain culturally important objects such as statues and monuments.*
- **NO<sub>2</sub>: Nitrogen Dioxide.** *Aggravates respiratory illness, causes haze to form by reacting with other air particles, causes acid rain, pollutes coastal waters.*
- **CO: Carbon monoxide.** *High concentration in air reduces oxygen supply to critical organs like the heart and brain. At very high levels, it can cause dizziness, confusion, unconsciousness and even death.*
- **PM<sub>2.5</sub> & PM<sub>10</sub>:** *Particulate matter pollution can cause irritation of the eyes, nose and throat, coughing, chest tightness and shortness of breath, reduced lung function, irregular heartbeat, asthma attacks, heart*

attacks and premature death in people with heart or lung disease

### ➤ **Vicious cycle of the NPA**

- The origins of the NPA problem lie not in the events of the past few years, but much further back in time, in decisions taken during the mid-2000s. During that period, economies all over the world were booming, almost no country more than India, where GDP growth had surged to 9-10 percent per annum.
- For the first time in the country's history, everything was going right: corporate profitability was amongst the highest in the world, encouraging firms to hire labour aggressively.
- Firms made plans accordingly. They launched new projects worth lakhs of crores, particularly in infrastructure-related areas such as power generation, steel, and telecoms, setting off the biggest investment boom in the country's history.
- This investment was financed by an astonishing credit boom, also the largest in the nation's history, one that

was sizeable even compared to other large credit booms internationally.

- There were also large inflows of funding from overseas, with capital inflows in 2007-08 reaching 9 percent of GDP. All of this added up to an extraordinary increase in the debt of non-financial corporations.
- Put another way, as double digit growth beckoned, firms abandoned their conservative debt/equity ratios and leveraged themselves up to take advantage of the perceived opportunities.
- But just as companies were taking on more risk, things started to go wrong. Costs soared far above budgeted levels, as securing land and environmental clearances proved much more difficult and time consuming than expected.
- Forecast revenues collapsed after the GFC; projects that had been built around the assumption that growth would continue at double-digit levels were suddenly confronted with growth rates half that level.

- As if these problems were not enough, financing costs increased sharply. Firms that borrowed domestically suffered when the RBI increased interest rates to quell double digit inflation.
- Firms that had borrowed abroad when the rupee was trading around Rs 40/dollar were hit hard when the rupee depreciated, forcing them to repay their debts at exchange rates closer to Rs 60-70/ dollar.
- Higher costs, lower revenues, greater financing costs — all squeezed corporate cash flow, quickly leading to debt servicing problems.
- One-third of corporate debt was owed by companies with an interest coverage ratio less than 1 (“IC1 companies”), many of them in the infrastructure (especially power generation) and metals sectors.
- Slowing growth in China caused international steel prices to collapse, causing nearly every Indian steel company to record large losses. The government responded promptly by imposing a minimum import price, while international prices themselves recovered

somewhat, thereby affording the steel industry some relief.

### ⇒ **Four new frog species from western Ghats**

Scientists exploring the forests of the Western Ghats have come across four new species of tiny frogs no bigger than a human thumbnail, which make a distinctive chirping sound comparable to that of a cricket.

- These species are among the seven new 'Night Frogs' discovered by a team of researchers from the University of Delhi and the Kerala Forest Department, who spent five years surveying the global biodiversity hotspot.

- Night Frogs belong to the *Nyctibatrachus* genus endemic to the Western Ghats and represent an ancient group of frogs that diversified on the Indian landmass approximately 70 to 80 million years ago.

- While turning the spotlight on the amphibian diversity of the Western Ghats, the discovery also highlights the threat posed by human activities to

the species. The Athirappilly Night Frog was found close to the Athirappilly waterfalls, the proposed site of a hydroelectric project, while the Sabarimala Night Frog was discovered near the hill shrine which receives lakhs of pilgrims every year. The Radcliffe's Night frog and the Kadalar Night Frog were reported from plantation areas.

⇒ **Pond can speed up global warming**

- Tiny natural ponds pose an overlooked danger for speeding up global warming, according to a study published in the journal *Nature Climate Change*
- In experiments designed to simulate moderate future warming, scientists in Britain found that such ponds — a metre across — gradually lose the capacity to soak up one kind of greenhouse gas and give off even more of another.
- After seven years at higher-than-ambient temperatures, “the ability of the ponds to absorb carbon dioxide was reduced by almost half, while methane release nearly doubled.

- The new findings matter because small ponds play an outsized role in the planet's carbon cycles — the balance between input and output of greenhouse gases.
- While covering only a tiny fraction of Earth's surface area, they are responsible for about 40% of methane emissions from inland waters, earlier research has shown.
- Methane is about 28 times more effective in trapping the sun's radiation in our atmosphere than carbon dioxide, the dominant greenhouse gas.
- The main source of manmade carbon pollution is the burning of fossil fuels, accounting for more than 70% of global greenhouse gas emissions. The rest comes from deforestation, the livestock industry, and agriculture.

**DATE 23.02.2017**

**G.S.-01**

- **Life with dignity at old age**
- India is now youngest country that give us both challenge as well as opportunity and if we adopt this

challenge we have to go toward fulfillment of the need of old age

- After 40 year india will turn into depended economy where dependent where will be more dependent population than working one
- Social security idea can work because by this way we can ensure bright future in old age so policy maker should ruled out more and more social security scheme
- But major problem in this scheme is awareness or capability of the today young to pay for tomorrow old age

## **G.S.-02**

- **Sutlej Yamuna link canal issue**
- This issue date back to reorganization of the Punjab state and division of the state
- That time agreement was done about sharing of the river water and allowing canal building throughout



- But recently Punjab denying to such condition and also deny to obey and bring it's out assembly bill to stop this work
- Haryana has done all the work of the canal but 90 KM Punjab canal work started yet
- Supreme ruled that Punjab should allowed canal building and law and order should be maintained for better interstate relation
- River water issue becoming major problem in india due to population pressure and climate change
- Every state should work with cooperation and basic principle of humanity because water is whole nations resources that have no political border
- **Foreign policy of the Donald trump**
- Basic principle of the Donald trump administration was to bringing America first policy with protectionist and isolationist policy
- This led to end of populism in foreign policy? May be never because person drive by power and rather misuse of the power

- Trump also withdraws from the trans pacific partnership and stop immigration of employee to give American first chance of the job.

- **Changing scenario of the Islamic state**

- Pakistan is believed to be heaven for the terror group by the most of the countries and Pakistan use it for proxy war
- Pakistan policy of the jihad or radical Islamism led to terror group forming which attack on the other country
- But problem occur when this group attack on its own country that have behavioral science because religious come under nation definition while state is political body
- Sehwan attack raise question of humanity because this is shrine of humanity of Islamism which taught people how to unite and live peacefully
- This attack responsibility claimed by the ISIS that prove that this terror group now is in down grading step or going toward inter fight

## **Open defecation free india**

- Both Ambedkar and Gandhi protested the practice of untouchability by encouraging upper castes to deal with their own waste
- Studies find that many rural Indians associate emptying a latrine pit by hand with manual scavenging, work that Dalits have traditionally been compelled to do. Caste Hindus refuse to empty latrine pits themselves, and hiring someone else to do it is now expensive and complicated. This is in part because, thankfully, the exploitation and exclusion of Dalits is slowly being challenged in India, and many have abandoned degrading work

Rural Indians do not want to use the latrines promoted by the Indian government because these latrines require periodic manual pit emptying. They are afraid of the problems they will face when the pit fills up. For this reason, people want to use latrines with very large pits or tanks that take decades to fill. Yet, latrines with very large pits are expensive, so most rural families cannot afford them.

According to the Prohibition of Employment as Manual Scavengers and their Rehabilitation Act, which made the employment of manual scavengers illegal, emptying human waste that has decomposed in a latrine pit is not considered manual scavenging, and is therefore not illegal.

- The two-pit latrine design is a technical and biological solution to the problems of open defecation and manual scavenging, but it does not address the social consequences associated with pit emptying. When we asked families in rural areas whether they would empty a decomposed pit by hand, the resounding answer was “no”.

### **G.S.-03**

#### **⇒ Case against azhar solid**

- China demand ban on the jaish e mohammad chief azhar on the base of spreading terror activity
- China will impose sanction on azhar bringing it to committee no.1267 to ban it world wide

- By this move of china its proved that china now also promoting terror fighting as its one of the prime target

### ⇒ **Poison in the air**

- Recent report of the central pollution control board [CPCB] stated that between 2011 to 2015 2/3 of the citizen living under poor air pollution
- This data given under air quality index which include particulate matter, carbon monoxide, nitrogen dioxide and sulphur dioxide etc.
- Jammu Kashmir, Assam, Andhra Pradesh and Gujarat breach the particulate limit most of time
- Particulate matter 2.5 is more dangerous than particulate matter 10.
- According to rule there are central pollution control board as well as state pollution control board in which central board work as advisory body of the state so it is up to state to implement that or not
- Key directives by the Centre to the States to control particulate matter pollution include promoting public transport, improving fuel quality and fuel efficiency

standards and banning burning of leaves, biomass and municipal solid waste.

### ⇒ **Oil spill at Chennai coast**

- The disaster continues unabated. The oil spill which hit the Ennore coast in Chennai, at 3.45 a.m. on January 28, continues to spread along the coast. It is destroying marine life, livelihoods and causing permanent damage to biodiversity. The issue, with its massive ramifications, has been sidelined from public space by the dramatic political developments in the State — a cruel irony which allowed those responsible to escape attention and accountability.
- In this incidence question occur how there will be accidental oil spill at the near by area of the coast and kamarajhar port also denying for its responsibility
- There was inexcusable delay in the response while the toxic oil gushed into the sea. By the time the Coast Guard was informed much later in the morning, great damage had already been done. The National Oil Spill Disaster Contingency Plan (NOS-DCP) was sanctioned in 1993, drafted in 1995 and adopted in 1996. In the

two decades since then, the plan has routinely been updated and revised to reflect the latest in international safety and regulatory standards.

Evidently, the only thing it reflects is a complete failure in action.

- There is absolutely no disaster-related information, especially details regarding the current status of the spill, or precautions the public needs to take which ought to have been widely disseminated by any responsible administration. Whatever the chaos in political circles, the bureaucracy should have taken necessary action. Can fishermen venture out to sea? Is it safe to eat sea food? Indeed, is it safe to even volunteer to help clean the toxic oil sludge without proper protective gear, using only buckets? No. The fun fact which was put out by KPL is that tenders have now been issued to buy oil spill response machinery.

Meanwhile, 187 tonnes of oil sludge have been removed by the Coast Guard and Chennai's brave hearts.

- Reports indicate that the slick has spread to Cuddalore in the south, will soon reach the Pichavaram mangroves and then northwards to affect the Pulicat

mangroves. The compromising of mangroves would be a disaster of epic proportions. Conversely, it has already been announced that the spill containment work has been almost completed. If true, it is an outrage. Containment and damage control must continue until the damage is contained and not stopped at an arbitrary time fixed by the authorities

**24.02.2017**

**G.S.-01**

• **Problem of fluorosis**

- Fluorosis mainly found in the area of the Orissa, Bihar, Jharkhand and many northern state
- This disease caused by the fluoride which found in ground water of this district

• **Life elsewhere**

- Recently scientist discover seventh earth like planet the quest to find life outside the solar system got a big boost with the discovery of seven Earth-size extra-solar planets, or exoplanets, orbiting a dwarf star about 40 light years away.

- Unlike earlier discoveries of exoplanets, all seven planets could possibly have liquid water — a key to life as we know it on Earth — with three planets having the greatest chance. This is by far the largest collection of Earth-like planets in the habitable ‘Goldilocks’ zone of a star — neither too close nor too far from a star, which raises the possibility of liquid water being present on the surface.

- Only Earth has liquid water in the solar system. Less than a year after scientists announced the discovery of three planets orbiting the dwarf star, the team found four more through intense searches using several ground-based telescopes, including a 20-day continuous monitoring using the U.S. National Aeronautics and Space Administration’s Spitzer Space Telescope.

- Since the dwarf star is much cooler than the Sun, the dimming of light each time a planet passes or transits before the star could be easily recorded from Earth unlike in cases when planets transit a Sun-like bright star. Since the initial discovery of three planets was made using the Chile-based Transiting Planets and

Planetesimals Small Telescope, the exoplanet system is called TRAPPIST-1.

- Unlike in the case of our solar system, the planets have apparently formed far away from the star and gradually migrated towards it; they share a similar formation history with the Galilean moons, which migrated towards Jupiter after formation. Another major difference in comparison with the solar system is the tight packing of the seven planets around the star.
- The closest planet in the TRAPPIST-1 system takes just 1.5 days to complete an orbit and the farthest one takes 20 days; the orbital period of the planets is also similar to the Galilean moons.
- With a fair possibility of liquid water being present on at least three planets, the focus is now on deciphering the climate and chemical composition of their atmosphere.

⇒ **Olive ridley turtle**

- This is one of the endangered species as per IUCN found in Orissa coast
- Turtle associated with the nesting on the coast to laying egg but major threat are light from villages because baby turtle attract toward it and go to village rather than sea.
- Machine boat and fishing activity also affect life of turtle and poaching and hunting also taking place
- This year turtle in news because mass nesting was seen in ganjam district of Orissa
- Last year this kind of mass nesting was not there so authority now studying factor which primarily found chemical composition and salinity of the coast
- According to study most of the mass nesting activity can be seen on the river mouth where salinity found very low .

⇒ Low salinity also means more small fish and insects, which are food for the turtles near the coast during mating and mass nesting seasons. The corrosive effect of salinity on eggshells cannot be ignored either.

⇒ “Olive ridley turtles bury their eggs on the beach. These eggs incubate with the help of sand heat for 45 to 50 days. High sand salinity may damage eggshells, while low salinity will minimise the corrosive effect.

⇒ **Nod for road widening in sanctuary opposed**

- In any sanctuary there are three zone like core zone in which every kind of the activity prohibited. In buffer zone scientific, educational or tourism activity can be done while in periphery area or outer zone slight regulation are there

- If there is any activity in sanctuary like road construction then permission from the national wild life board is mandatory

- Recently national board for wildlife given nod for the construction of the road In buffer area of the srisailam

tiger reserve and ecologically sensitive area of gundla brahmeshwaram wildlife sanctuary

- When a road runs through a forest, it creates an edge habitat along the portion of the forest that is on the fringe of the road. Roads not only fragment the habitat but also alter them, leading to displacement of some species.
- “Animals with large home ranges, such as panthers, have a high chance of encountering roads.
- Some animals were prone to road mortality, mainly due to their natural defence mechanisms, which they required to survive in the wild. Turtles often perceive vehicles as a threat and draw themselves into their shell, which puts them at risk of getting struck because they stay on the road longer.
- Snakes might also become immobilised when approached by a car and remain so for a minute after a car passes. Venomous snakes might be less inclined to flee from a perceived threat because they typically use venom for defence. Some bigger birds that normally fly away from predators may be unable to initiate flight

quickly enough when approached by a fast moving vehicle.

**25.02.2017**

**G.S.-01**

**• Telangi tomb**

- This tomb of the Delhi built in the memory of the wazzir of Delhi sultanate from telangana
- It Is tomb of the khan-i-jahan who served in Delhi sultanate and this tomb built by his son Juan shah
- Khan-i-jahan was at the height of his power as the counsellor and minister of Firuz Shah Tughlaq's tottering empire
- This tomb recently making news because Aga khan trust for culture which has restored the Humayun's Tomb complex as well as the Jamaat Khana Masjid, one of the oldest in Delhi and built during Alauddin Khilji's time, has been entrusted the task of conserving the monument.

- The outer facade is octagonal, and features a ring of eight smaller domes covered with a shell of red sandstone.

### **G.S.-03**

#### ⇒ **Supercomputer**

- Supercomputer means computer which working with very high speed that work on the various mass data processing
- India now developing supercomputer that have speed of the 10 petaflots [means 1 followed by the 15 zero speed per second]
- It will be in the list of the worlds speediest computer and provide better and accurate data of weather forecasting
- This is developing by the partnership of the TATA and india already member of the supercomputer country club
- Government have sanctioned 400 crore rupees for the development of this project

## Solar energy

- ⇒ India have pledged under Paris agreement on the name of INDC that india will contribute in renewable energy up to 100 gigawatts
- ⇒ The clearance from the Cabinet Committee on Economic Affairs for a plan to double the capacity of solar power installed in dedicated solar parks to 40 gigawatts by 2020, with partial government fiscal assistance, is in line with the goal of creating a base of 100 gigawatts by 2022.
- ⇒ Expansion of solar power capacity is among the more efficient means to meet the commitment to keep carbon emissions in check under the Paris Agreement on climate change, and it can provide the multiplier effect of creating additional employment, with overall economic dividends.
- ⇒ Jobs in solar energy have witnessed the fastest growth since 2011 among various renewable energy sectors. Asia has harnessed the potential the most, providing 60% of all renewable energy employment, while China enjoys the bulk of this with a thriving solar

photovoltaic and thermal manufacturing industry, besides installations.

⇒ Apart from measures to scale up generating capacity, India should take a close look at competitive manufacturing of the full chain of photovoltaic and open training facilities to produce the human resources the industry will need in the years ahead.

⇒ Low-cost financing channels hold the key to quick augmentation of solar generating capacity. The trend in some emerging economies, including India, has been a reduction in public financing of renewable energy projects over the last five years.

⇒ **What is VX poison**

- Recently king jom nam assassinated and police is probing for his death in which he found VX poison that was given to nam
- North Korean leader Kim Jong-un's half brother was assassinated with a lethal nerve agent manufactured for chemical warfare and listed by the UN as a weapon of mass destruction.

- the poison used by the assassins was the odourless, tasteless and highly toxic VX.
- An autopsy revealed traces of VX — a fastacting toxin that sparks respiratory collapse and heart failure — on the dead man's face and in his eyes. Tiny amounts of the poison are enough to kill an adult, whether it is inhaled or absorbed through the skin.

### ➤ Lower wind tariff and problem from it

- Under the Paris climate change pact INDC concept has bought into reality which means every country have to take oath voluntarily o how much they can contribute in climate change prevention
- India have committed to more and more renewable energy in which solar and wing energy formed major part
- Now government lowering down tariff of the solar power which becoming problem to develop new plant

- Tariff means price per unit of electricity which produced by the plant of private and public unit
- When any plant produce energy then they do power purchasing agreement with government and in which lower tariff means plant have to insure lower production cost

#### **G.S.-04**

#### **➤ Moral economy of university**

- Indians do not have the patience to focus on a problem for an ex- tended period of time. We do not think of institutions in the long run. We panic when there is a crisis but when a crisis dims, we lose our focus. As a result, we are poor at institution-building.
- We treat institutions cosmetically, applying the latest management gloss or creating a fetish of numbers like the ritual of rankings. Today an institution such as the university is in crisis and yet there is no systematic response, no reflexivity, no sense of loss.
- The university reflects both a failure of sociological analysis and of storytelling. In fact, in the tired eyes of

many of my colleagues, dedicated teachers, many who have nursed little undergraduate departments, one already senses the obituary of the institution. Death by neglect, death by illiteracy seems to be the quiet chorus.

- It is more an effort to understand the university as a bureaucracy. It has no sense of the university as a knowledge system, or as a community of scholars producing ideas. The university has become a plaything, either in the hands of politicians who see in it a reservoir of electoral politics or in the hands of bureaucrats who draw their Kafkaesque song lines around it.

**26.02.2017**

**G.S.-01**

⇒ **Hysterectomies and dignity of the women**

- Hysterectomies is tool to family planning and women health in which women uterus taken out to prevent more pregnancy

- In india due to earlier marriage and small span between two baby led to harmful effect on women uteras
- But in operation of the hysterectomies doctor not taking much care that have great threat on the life of the women
- Recently incident of mass hysterectomies coming in which great health hazard found in women

### ⇒ **Barren island**

- India's only active volcano — the Barren Island volcano — in the Andaman and Nicobar Islands is again spewing lava and ash, according to a team of scientists from the Goa-based National Institute of Oceanography (NIO).
- Volcanism is the result of the plate tectonic or geologically movement in the core of the earth
- Volcanism mostly found in coastal mountain due to convergent boundary between ocean plate and continental plate

- This barren island in part of the eastern Himalayas branch of arakan yoma
- The Barren Island, about 140 km from Port Blair, is a tourist destination and surrounded by waters ideal for scuba diving and is home to a wide variety of aquatic life. The island is open to visitors, with prior permission, and as the name suggests is uninhabited and devoid of any significant vegetation. It's the only active volcano along a chain of volcanoes from Sumatra to Myanmar.

### **G.S.-03**

#### ⇒ **Crisis of Manipur**

- Why Manipur is being burning question with lack of peace and order in state throughout its history
- This problem is due to many factor leading to creation of the conflict like multiple tribal people living like meitee, naga and senapati
- This all the tribe have different residential area like hill, valley and plain and by that conflict arise about identity and much fueled by the political aims

- Lack of connection with mainland by road properly also threat to law and order. Lower economic base also radicalize youth towards violative activity

- Solution of this problem should be multi pronged like creation of better connectivity, development of tourism, and secure tribal unique culture.

⇒ **Pest eats away more than 35 % of the crop**

- According to recent report of the indian council of agriculture research told that more than 35 % percent of the crop being eaten by the pest from what actual production

- This kind of huge cost have many side of drawback like > low economic production to farmer > farmer in poverty > problem of bio safety > less production > problem to food security > led to problem of malnutrition

- Nematodes, consisting of roundworms, threadworms and eelworms, are causing loss of crops to the tune of almost 60 million tonnes or 10-12 % of crop production every year.

## [www.IASTODAY.in/Content](http://www.IASTODAY.in/Content) **India needs rubella vaccine**

- Buoyed by the elimination of polio six years ago and maternal and neonatal tetanus and yaws in 2016, India has set an ambitious target of eliminating measles and controlling congenital rubella syndrome (CRS), caused by the rubella virus, by 2020.
- According to the World Health Organisation (WHO), “a single dose of rubella vaccine gives more than 95% long-lasting immunity.” All children aged nine months and 15 years will be administered a single dose of the combination vaccine.
- Measles is highly infectious and is one of the major childhood killer diseases. Of the 1,34,000 measles deaths globally in 2015, an estimated 47,000 occurred in India.
- Rubella is a mild viral infection that mainly occurs in children. But a woman infected with the rubella virus during the early stage of pregnancy has a 90% chance of transmitting it to the foetus.

## **Black rhino on the brink of the extinction**

- This species have lost 70 % of the genetic diversity now only can found in 5 country of sahara in Africa
- As the value of rhinoceros horn touches \$65,000 per kg, poaching has begun to drive the African black rhinoceros to “the verge of extinction” - not just by reducing its population size, but by erasing 70% of the species’ genetic diversity.
- Genetic variation is the cornerstone of evolution, without which there can be no natural selection, and so a low genetic diversity decreases the ability of a species to survive and reproduce

## **Life of agariya**

- Agariya are the term use for the salt producer because agar means salt farm, this agariya community show ugly face of the development model of the Gujarat
- This community found in the little ran of the kutch where their life dependent on salt farming they live here with india one of the majestic animal that is khur - dhudkhar or indian wild ass

- Gujarat government now trying to provide safety kit and basic amenities but major problem coming are the wide spread area of the ran that geological feature denied access of government to people
- Agariya have to bear with very little rate of the interest that led to poverty again and they have no access to formal credit system and forcefully depend on informal high rate credit

**27.02.2017**

**G.S.-02**

**Memorandum of procedure in final shape**

- Now appointment of the judicial post done with the age old collegiums system according to judgment of third judge case in 1994
- In this system judges being selected by the collegiums comprising of chief justice and other four judges and suggest list of the name to president
- President take decision with the help of the council of the ministry and give final decision about appointment

- Central government bought out national judicial appointment commission [NJAC] with constitutional amendment, in this system appointment done with 6 member committee but judiciary declared it null and void on the basis of the unconstitutional as it is fear on the sovereignty of the system

- Now judiciary and executive working with to finalize memorandum of the procedure about appointment system of judiciary

### ➤ **What is actually constitute money bill**

- Money bill defined under article 110 of the indian constitution in which matter of financial transaction and increase decrease of tax involved

- Decision wether bill is money bill or not final by speaker and it only can be present in lok sabha after president nod

- Rajya sabha has no power regarding money bill and if they will not return bill after 14 days then it will believe as passed as in the from of the lok sabha passed it

- Recently Aadhaar benefit transfer bill passed as money bill that seek compulsory Aadhaar for any benefit of the government scheme
- Money bill passed only by simple majority and this Aadhaar bill face many constitutional hesitation
- Supreme court will start hearing about this bill in near future
- Originally, Aadhaar was conceived as a scheme to provide to every Indian a unique identity number, with a purported view to enabling a fair and equitable distribution of benefits and subsidies.
- There is little doubt that the scheme's introduction, with no prior legislative backing, was a flagrant wrong, and was completely unjustifiable as a measure of democratic governance.
- A money bill is defined by Article 110 of the Constitution, as a draft law that contains only provisions that deal with all or any of the matters listed therein. These comprise a set of seven features, broadly including items such as the imposition or

regulation of a tax, the regulation of the borrowing of money by the Government of India; the withdrawal of money from the Consolidated Fund of India; and so forth.

- A simple reading of the Aadhaar Act would show us that its contents go far beyond the features enumerated in Article 110. If anything, it is the provisions in the legislation that pertain to the Consolidated Fund and its use that are incidental to the Act's core purpose — which, quite evidently, is to ensure, among other things, the creation of a framework for maintaining a central database of biometric information collected from citizens.
- In many ways, Aadhaar has brought out to plain sight the worryingly totalitarian impulses of our state. The government has argued, with some force, that Indian citizens possess no fundamental right to privacy. This argument, however, is predicated on judgments of the Supreme Court that have little contemporary relevance, and that have, in any event, been overlooked in several subsequent cases where the court has

clarified the extent of the liberties that the Constitution guarantees.

### **G.S.-03**

## **Emerging trend of the youth toward radicalism and threat to national security**

- Recent two incident prove that youths are more attracting toward radicalize activity
- This come after two incident in which one of kerela young and IS member killed in drone attack and in another incident Gujarat anti terrorist squad arrested two suspected IS member from surendranagar civil district
- What factor that lead to such kind of incidence? First of all reason should be unemployment, radical and secular politics, corruption and income inequality, exclusion from society and exploitation
- So prevent this from spreading government should try to focus over creating inclusive, sustainable and happy society

- Law and order situation should be maintained and police force should be given enough power and technology in this sense Gujarat anti terrorist squad working excellently

**28.02.2017**

## **G.S.-02**

### **⇒ India and china relation turning new mode**

- Recently talk has been organized between china and india in which major topic was not related to CPEC or masood or NSG membership but it was centered on peace and economic partnership in Afghanistan
- Every time Afghanistan being the pole between asia, Europe and Africa become victim of the war
- India and china cooperation fueled by the trump administration because trump president ship have great threat because this led to protectionist and new nationalism that make world economy unpredictable and unstable

## **India act east policy**

- India's "Act East" policy aimed at reviving age-old ties with the Cambodia, Laos, Myanmar and Vietnam (CLMV) nations has strengthened trade and investment in the Asia-Pacific region and encouraged manufacturers to create value chains with these countries
- India and the CLMV countries could deepen each other's manufacturing capabilities, learn from each other's experiences and create a stronger regional platform for trade and commerce. India's trade with the CLMV nations has grown ten times from 1.5 billion U.S. dollars to more than 10 billion U.S. dollars during the last 10 years.
- Addressing the 4th India-CLMV Business Conclave organized by the Department of Commerce and Confederation of Indian Industry (CII), Ms. Sitharaman said if the Indian manufacturers set up businesses in countries such as Myanmar, they would get benefit under the generalized system of preferences (GSP) for export to the U.S. and European Union.

- ⇒ **Worlds study on air pollution in india**
- ⇒ Recent studies of the WHO state that india air quality index worsening that not big problem because it is all over the worlds problem but major problem are related to indian health standard
- ⇒ It is traditional practices that make indian vulnerable to health hazard and malnutrition problem fueled it because that make our demography vulnerable to pollution disease like using of the traditional stove
- ⇒ Mostly cardiovascular and respiratory disease found like asthma
- ⇒ In its most recent update in 2016, the WHO said that 10 of the 20 most polluted cities in the world were in India, whose air quality standards require that the daily PM 2.5 averages not exceed 60 mg/cubic metre and 40 mg/cubic metre annually
- ⇒ The WHO arrived at its figures by collecting 24-hour and annual average of PM 10 and PM 2.5 of cities from government websites and, when it didn't have figures

for PM 2.5, used a constant number to convert from PM 10 measurements.

### ➤ **The IS challenge**

➤ What India should and shouldn't do to stop the group from striking roots among its young because recent arrest of the two young suspected IS member from Gujarat.

➤ The arrest of two suspected Islamic State associates on Sunday from Gujarat once again raises the question whether the terrorist group is finding support in India.

➤ If these allegations and reports are correct, it would show that the IS is gaining some influence at least among a handful of youth in India.

➤ Anti-terror officials have arrested young people from different parts of the country — in Kerala, Tamil Nadu, Telangana, West Bengal and Rajasthan. The IS thrives on support from foreign jihadists, largely the young.

➤ The IS's puritanical, one-size-its-all brand of Islam hasn't found much resonance in India. Given the

syncretism nature of Indian Islam, it is extremely difficult for groups such as the IS to become popular among Muslims, as it did in parts of Iraq and Syria.

⇒ The IS's medium is the Internet. It reaches out through online propaganda. This is all the more significant at a time when the IS is under attack in its core territories and is desperate to expand its reach beyond West Asia.

⇒ This outreach to South Asia should worry India. To prevent the group from gaining a foothold on its territory, India needs high-level intelligence and counter-terror operations to continue. Equally important is better coordination between the state and Muslim religious leaders in countering radicalization and having in place specific de-radicalization program, as western governments do.