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**DEDICATED MONTHLY MAGAZINE
FOR UPSC ASPIRANTS**

**HINDU NOTES + PIB + PRS
DATE WISE & SYLLABUS WISE**

JUNE 2017 Part 1 (till JUNE 17)

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G.S.-02

Cow and constitution

- Prohibition of cruelty towards animal passed in 1960 give a welfare approach towards animal also.
- Ban on slaughter as a gandhian principle added to directive principle of state policy(DPSP) with state having power to ban slaughter house.
- Animal welfare is concurrent subject which means state and center; both can frame law on that particular subject .
- This cow protection point also make discussion in constitution as religious or fundamental right.

➤ **The security of Afghanistan**

- Peace in Afghanistan is becoming a difficult thing with ongoing transborder terror financing.
- Multiple stack holder wants to control this territory.
- Afghanistan being good partner of the india which means we have sound interest in Afghanistan.
- Regional group established in Istanbul called heart of asia conference that wants to build partnership among neighbor to spread peace in Afghanistan .
- Last meeting of this was organized in Amritsar

G.S.-03

➤ **Kalavari submarine**

- It is scorpion type of the submarine .
- This submarine built with the support from France.
- Kalavari means deep ocean tiger shark .
- This deal with france include total six submarine one of them is khanderi that will start dive from June 1, 2017.
- Khanderi named after an island fort of shivaji the ruler of Maratha kingdom .

➤ **Indian economy is no more fastest growing economy**

- According to recent report data show that indian economy is no more fastest economy of the world because of after effect of demonetization economic growth of every sector giving negative sign .

Economy slows down

Sectors	2016-17 Q3 growth*	2016-17 Q4 growth*
Agriculture, forestry & fishing	6.9	5.2 ↓
Mining & quarrying	1.9	6.4 ↑
Manufacturing	8.2	5.3 ↓
Construction	3.4	-3.7 ↓
Trade, hotels, transport	8.3	6.5 ↓

*QUARTERLY ESTIMATES OF GVA AT BASIC PRICES FOR 2016-17 (AT 2011-12 PRICES)

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G.S.-01

➤ Beti Bachao Beti Padhao

- This scheme started by the government to reform sex ratio as population data showing a negative pace.
- This scheme come under ministry of women and child welfare.
- Major objective of this scheme is to prevent infanticide, protect and educate girl child.
- This scheme to be implemented through task force of the district level .
- District to be selected as per population data that district have lower ratio of the female .

G.S.-02

➤ Atal pension yojna

- It is one of the social security scheme in which every person between 18 to 40 can subscribe .
- After age of 60 person they will get pension as per fund has been invested.
- It is special scheme for the person working in informal sector.
- It is new version of the swabhiman scheme .
- Under this scheme central government will also provide 50 % of the fund .
- This scheme managed by the provident fund regulatory authority of india .

➤ International court of justice

- It is one of the global court to solve the issue of conflict between countries.
- Headquarter of this institution is at Hague.
- This institute work in the group of UN countries.
- Russia recently quit this platform .
- All the UN member is automatically parties to this platform and this court have only advisory role.

➤ National human right commission

- It is statutory body that consist of chairman and four other members .
- Chairman should be retired chief judge of supreme court.
- This commission can take suo motto action in breach of human right.
- This commission also work as civil court and fine on guilty person .

G.S.-03

➤ Gravitational wave

- Project LIGO has been started to study the nature of gravitational wave that passes through space .
- This wave has special pattern and nature that was first proved by Einstein.
- According to Einstein gravitational wave have special pattern or way that can not be dispersed as light wave .

➤ Zika virus

- It is a viral infection transmitted by the bite of an infected Aedes mosquito, which is also the carrier of dengue and chikungunya viruses.
- Zika has mild effects for most people but doctors believe infection during pregnancy can result in babies with small heads, which is known as *microcephaly*, and other serious developmental disorders.
- Roughly 2.6 billion people could be at risk of zika and india first cases come into light form Gujarat recently .

G.S.-03

➤ **Paris deal**

- Paris deal in climate change and pollution control has been signed as a part of conference of parties
- This deal have no compulsory component means every country have to submit INDC pledge that is voluntary contribution of every country
- America want to quit this deal as there are more pressure on industrialized or developed country.

➤ **Disaster management in eastern coast**

- Indian eastern coast also known as uttar ssarkar coast is vulnerable area to both cyclone and tsunami
- This both combined effect of event led to biggest loss of human lives
- Most important step that to be taken in this area is prevention of disaster otherwise mitigation of effect because cyclone clearly can be forecasted
- Government also should prepare draft plan for the disaster management with help of this state
- Worlds 16 % of the cyclone come in this area specially in may or November or December
- Micro level planning and preparedness to be done like people awareness and land use planning

➤ **Worlds poor child**

- According to recent report of the oxford survey there are 50 % of the poor children of world are in india
- This poverty compiled with multi dimensional approach means person have multi reason for being poor like weak health, lower income, lower skill .
- Poverty to children means lees calory food > less nutrition > less capability > less earning > poverty cycle continue
- Another aspect poverty means less sanitation > more health hazard > more health expenditure
- Poverty means children have to do child labour > absent in school > no education means no skill or value addition

THE POOR HALF



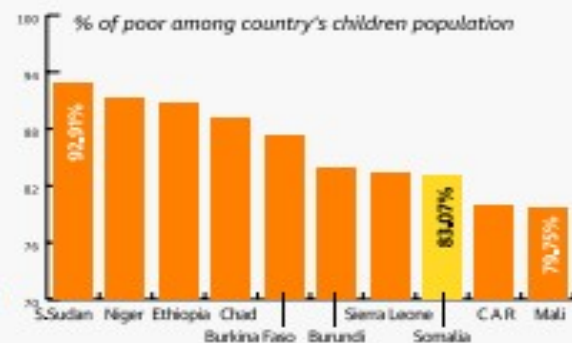
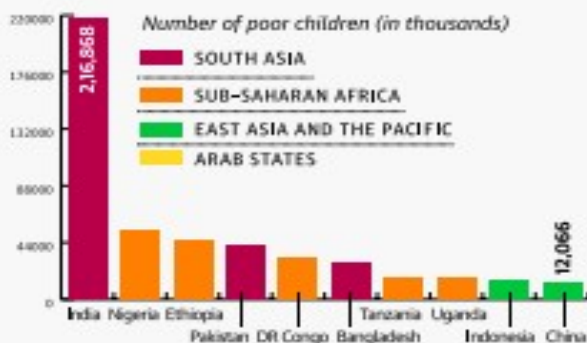
A report, based on the Multidimensional Poverty Index (MPI), claims that around 689 million of poor people in 103 low and middle income nations are 'children'. Around 31% (217 mn) of those children are from India - largest contributor in terms of absolute numbers - among those surveyed.

Trickle down numbers



• In 36 nations, including India, at least half of all children are MPI poor. In Ethiopia, Niger and South Sudan, over 90% of children are MPI poor.

• MPI is a mix of health indicators (nutrition and mortality), education indicators (years of schooling, attendance) and living standard (cooking fuel, sanitation, drinking water, electricity, etc.)



Source: Global Multidimensional Poverty Index 2017 from the Oxford Poverty and Human Development Initiative

⇒ Prithvi-II Missile [pib]

- Surface to air missile developed by defense research and development organization
- This version of missile also capable to complete nuclear weapons also
- This is short to medium range missile that will help in targeted attack and add strength in indian warfare

JUNE 5 2017

G.S.-01

- Erosion by river water In northern plain
- Northern river system featured by perennial river with lot of water
- Also this water having downward slope In flow that tend to more kinetic energy in river water
- Plus the area of northern belt made up of silt and sedimentary rocks which melt down in water and create mud flow or mass erosion
- This is very harmful to local as river can swallow whole village in very short span of time.
- Government should mark area of high mud floe vulnerability and

should take appropriate step

- Farming system also to be modernize to adopt natural protection against erosion like counter binding, terrace faming in hill area, mixed farming and inter cropping, rationale use of irrigation facility etc.

G.S.-02

➤ Central water commission

- This commission constituted for the better distribution and utilization of the water resources
- Central water commission give advice in matter of ecological flow of the river water and optimum utilization of the water
- This commission also try to solve the issue of the water river distribution by mutual interest
- Also examine the effect of developmental activity on river water and can take punitive measure

➤ Atal pension yojna

- This is one of the social security and welfare scheme for the old age person
- This scheme is part of old national pension scheme
- Under this scheme person can get monthly pension after 60 year of age depending on their contribution
- Any person between age of 18 to 40 can join it but informal sector worker is primary target
- Government also contribution same amount as person can
- This scheme is being managed by pension fund regulatory and development authority of india that is statutory body

G.S.-03

➤ Project tiger

- This project has been started after rapid decline in the population of tiger because of unlimited hunting and habitat loss
- Government started dedicated project in the name of project tiger in 1970 decade
- This project implemented by statutory body called national tiger conservation authority [NTCA]
- This authority dedicate special area to tiger conservation called tiger reserve that have core and buffer area and come un protected area network

➤ Pollution level in city

- Every indian city facing problem of the pollution be it air, water or soil pollution
- Primary reason for this pollution is non regulated or uncontrolled growth of the industry
- Lack of planning in city that led to unbalanced use of resources and congested life having machinery mind of people
- So all of this problem occur due to men wish to be rich and happy but this selfishness ultimately led to zero happiness for the person

CSIR

- Council of scientific and industrial research is the full name of scientific research institute
- This is premier institute in scientific research and innovation in industry
- This industry also give prestigious award of science that is shantiswarup bhatnagar award

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G.S.-02

Maha farm crisis

- Problem of agriculture have root in colonial system but solely complaint about it is to make free independent government
- Because india got independence before 60 year of welfare state
- To solve this all agrarian crisis we have to understand some basic or fundamental idea
- Here need is sympathy, ethical public administration, impartiality, transparency, openness in administration, etc.
- Cultivation with commercial purpose only is dangerous thing because in india agriculture means livelihood plus culture of people

G.S.-03

The case aftershock of demonetization

- The economic trend of the development show abnormal dipping after demonetization beyond the limit of expectation
- This is multiplier impact of real estate, agriculture etc.
- In this situation now india is not fastest growing economy
- RBI now most focusing on work to control inflation and targeting inflation
- So RBI should focus on the work of creative inflation management and give some flexibility to inflation is needed

Fat boy in space

- Indian space research organization have launched GSLV Mk-III with highest satellite
- GSAT-19 has been launched as one of the communication satellite
- This satellite use cryogenic technology that is oxygen and hydrogen used in liquid form with ultra low temperature that called cryogenic stage
- This satellite placed into geosynchronous transfer orbit [GTO]
- Perigee is closest point to earth and apogee is farthest

'Fat boy' in space

The launch of GSLV Mk-III is significant as the PSLV, Indian space technology's workhorse, is unable to carry satellites beyond 2,000 kg. GSLV can carry heavier payloads

India's heaviest rocket weighs around 640 tonnes

Height
43.4
metres

Time
taken to
build it
15 yrs.

Orbit
Geosynchronous
Transfer
Orbit

Propulsion
Solid, liquid
and
cryogenic

Vehicle
cost
₹ 300
crore

It can launch
commercial
rockets as heavy
as 4 tonnes

Powered by a
indigenously-developed
cryogenic engine
weighing 25 tonnes

- Cryogenic engines use liquid oxygen and hydrogen as propellants
- Apart from India, five countries have successfully developed and deployed cryogenic rocket engines

GSAT-19

The crucial communications satellite was put into orbit by GSLV Mk-III

- This will be India's first satellite to provide internet services using the ka/ku-band, faster than current satellites



Rising hope: The GSLV Mk-III being launched from the Satish Dhawan Space Centre, Sriharikota in Andhra Pradesh, on Monday. ■ S. R. RAGHUNATHAN



➔ Nilgiri tahr

- It is one kind of deer that species found in western Ghats area and brother species of Himalayan tahr also found in Himalayan area
- Nilgiri tahr need special topography of steep slope in higher elevation of western Ghats
- Nilgiri tahr registered under wildlife protection and red data book as endangered animal

G.S.-02

INSV TARINI

- It is Indian Navy's first vessel having all the staff are women.
- Major aim of this vessel is to promote young lady to take adventure
- This will attract girls to have career in Indian Navy and also show social and economic potential of women in India

G.S.-03

➤ **IMD on long period average**

- IMD given another sign of good monsoon in India
- Monsoon good or bad decided on the base of long period average [LPA]
- Long period average is the rainfall historical record of last 50 year
- Indian monsoon affected by el Niño and Indian Ocean Dipole most
- Sudden burst of monsoon is due to set up of low pressure on Tibet Plateau and south easterly jet stream

Some measure for farmer welfare

- Government have taken following action on agriculture and farmer welfare
- Soil health card is one of the core project of this government to acknowledge the chemical and organic composition of soil to farmer
- By this way farmer can utilize his/her farmer better way to get sustainable production
- Pradhan Mantri Fasal Bima Yojna has been started as part of social and economic security to farmer in the time of disaster of any climatic accident in addition to this premium rate also reduced, some other disaster like harvest loss also included, and more technology has been used to get real picture of the loss
- Parampragat Krishi Vikas Yojna has been started with aim to maximize area under organic cultivation, in this farming minimum chemical and pesticide component being used
- E-NAM is pan India market infrastructure with using digital network to give farmer true and fair price of their produce
- Per Drop More Crop is irrigation enhancement program to make sustainable and optimum use of precious water resources
- Blue Revolution step has been initiated for more marine sector development and assistance has been provided for deep ocean fish cultivation under this initiative

➤ ISRO heavy launching

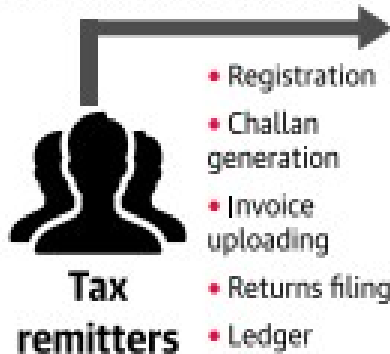
- By launching GSAT 19 one of the communication satellite with the help of GSLV MK 3 launcher now ISRO enter in premium club heavy launching mission
- This satellite was set up in geo synchronous orbit
- Recently ISRO has launched GSAT 9 one of the SAARC satellite
- This mission have use cryogenic technology in which hydrogen and oxygen being used at ultra low temperature

➤ GST network and implementation

- GST being based on one tax one nation tax theory that based on consumption
- There is central, state and concurrent GST network
- Required state have passed that law and now time to form tax network that to be work solely on digital network to bring openness and transparency
- GSTN named not for profit and non governmental organization has been set up with private bank and government as stake holder
- This organization will provide network base for this taxation system

How do GSPs work

The GST Suvidha Providers will aid easy access and upload of documents on GST network



SOURCE: GSTM

JUNE 8 2017

G.S.-02

- Election of president
- Election commission of india look after the matter of president election
- Electoral college of president comprise of elected member of parliament, state legislative assembly and legislative assembly of

Delhi and Pondicherry

- Nominated member do not participate in election
- According to rule of election no party can give whip to its MP or MLA regarding voting in election

G.S.-03

⇒ WHO revises antibiotic category

- World health organization divided antibiotic in three category that is access, watch and reserve
- Commonly usable antibiotic come under list of access category
- Some other minor danger drug to be come under watch category while reserved type of drug only to be used as last resort
- Multi drug resistance type of anti biotic to be used in rare cases as last resort under special supervision

⇒ RBI hold its rate

- In monetary policy meeting RBI chose to hold its rate steady in spite of major set back in economy after demonetization
- This hold of rate show that RBI want first stability in economic situation and then growth will follow because to revive peoples faith we need stability in economy
- RBI major duty now is to have inflation targetting and formulate monetary policy with the help of monetary policy committee comprise of governor and deputy governor with some finance ministry officer
- The idea of monetary policy committee and inflation targetting as prime aim was given by committee headed by then RBI deputy governor urjit patel

⇒ Diabetes

- ⇒ This disease spreading with full speed in india due to life style change
- ⇒ It is also one of the disease that spread by generation also
- ⇒ There are two type of diabetes prevalent in world that is type 1 & 2
- ⇒ In first type there is higher glucose in body while in second type lack of insulin
- ⇒ Glucose and insulin both are important to sustain function of the body
- ⇒ So prevention of diabetes can be done with help of good and fit life style with physical work or balanced diet
- ⇒ According to recent report india and china have more than 70 % of the world diabetes patient

G.S.-01

Tradition of ringan

- Its a horse riding and traveling festival form Maharashtra .
- Saint dnyaneshwar has been opposed by some peoples group and he went to another city .
- From that day in the mark of this migration people go to horse riding tour as one of cultural event .

G.S.-02

➤ **Farmer distress**

- Distress of farmer is the result of government policy and climate change problem
- Britain colonialism led to commercialism of agriculture and now art o living become reason for distress
- Problem start form land reform to crop pattern and technology use to credit services.... Ultimate problem is marketing system
- Government have taken lot of step to make it better performing but problem start again with faulty implementation system and lack of cooperation with farmer
- Root of problem go deep to suicide of farmer that means livelihood earning become life taking game

G.S.-03

➤ **Oxytocin**

- Oxytocin is one drug that nowadays used by dairy owner and farmer to make milk and vegetable fresher
- This chemical compound also can trigger major physiological and psychological disease
- This chemical has been banned by indian government in the name of harmful effect in milk animal and human kind

➤ **Getting economy on the track**

- After demonetization the track of economy changing with unique way
- After demonetization three major unique thing happen in indian economy first is positive growth rate of agriculture and public administration
- Second thing is that negative trend of development showed from starting of year not form demonetization so we can to blame demonetization solely
- Major set back seen in hotel, construction sector

- NPA is like no solution or zero solution problem so we have to think about innovative and unique approach
- **China Pakistan economic corridor**
- This is one of the infrastructure development plan of china under one belt one road initiative
- This project start form china to gwader port in Pakistan
- This initiative pass from Pakistan occupied Kashmir so india opposed to join it
- India has developed chabahar port as sister port to gwader to reach Afghanistan and Iran

JUNE 10 2017

G.S.-01

➤ **Numismatics**

- It is the study of old and historic coin .
- It is science of study of old and historic coin like Indus valley and gupta, kushan, shak etc.
- Old coinage now have no economic or monetary value but have intrinsic cultural value

G.S.-02

• **Shanghai cooperation organization**

- Shanghai cooperation council is the regional grouping for socio economic development and terror fighting and security purpose
- China and Russia both are fundamental member while india and Pakistan is observer country
- Now india and Pakistan both are member country to this group

G.S.-03

• **GST and indian economy**

- GST is based on one nation ne nation theory to make india financial and economic strength
- This is consumption based tax will levied on the base of nature of good or service
- Goods and service tax rate will be decided by GST council that include union finance minister and state finance minister
- Tax base and tax amount will be increased that will provide much stability and economic power to country

• Impact of Aadhaar on Indian governance

Aadhaar impact in numbers

Centre pushed for Aadhaar in the SC by providing official statistics on its impact on a multitude of schemes across the country



PDS

Aadhaar led to the deletion of 2.33 crore fake ration cards and saved

₹14,000 crore up to December 2016



LPG

Over 3 crore fake/duplicate LPG connections weeded out, resulting in savings of over

₹26,000 crore upto December 2016



PENSION

Seeding of Aadhaar

with Jeevan Pramaan sees 71.17 lakh pensioners use the scheme in 2016. Digital signatures used in National Pension Scheme accounts



BANKING

Over 7.35 crore bank accounts opened using e-KYC service. Of the newly opened 28.44 crore Jan Dhan accounts, over 18.97 crore accounts used Aadhaar



MNRREGS

Aadhaar number linked to over 8.80 crore active MNRREGS workers of the existing database of 10.38 crore active workers



DBT

Direct Benefit Transfer scheme via Aadhaar saved ₹49,560 crore in 2014-15 and 2015-16



PASSPORTS

Over 1.36 crore residents obtained their passports using Aadhaar



INCOME TAX

Aadhaar enabled income tax payers to e-verify their tax returns using Aadhaar OTP authentication



BIOMETRIC ATTENDANCE

Aadhaar-enabled biometric attendance system is now available in 660 organisations

SOURCE: CENTRE'S AFFIDAVIT IN SUPREME COURT

JUNE 11 2017

G.S.-01

- **Real meaning of nation**
- In simple term we can say that nation is the group of people bound by sociological and cultural bond
- In reality nation is term in conversion because nation is dynamic toward development it goes to develop more and more
- Thus nation means changing relation between group of people from past, present to future
- Digital age have different unique characteristics of nation like social media also become platform for social and cultural revolution

G.S.-02

• SATH program by NITI aayog

- This is education and health improvement program of NITI aayog
- Full form of this program is sustainable action for transforming human capital
- Under this program state government will be provided guidance to make demographic dividend more useful .

UDAN

- Ude desh ka aam nagrik is the short form of government aviation sector scheme aim to accessible and affordable air transport
- This scheme will provide air connectivity to minor center with fair prices like 2500/- hourly rate
- Aviation company who take part in this scheme will also get viability gap funding that will be created from another profit led route
- Every plane under this scheme have 50 reserved seat for this scheme

G.S.-03

➤ Extreme heat wave condition

- Heat wave generally defined by IMD as increase in surface temperature of plain by 45 C degree
- While hill area and coastal area have different parameter for heat wave
- Data of recent year show that minor difference in temperature led to death of lots of people
- IMD forecast for the heat wave condition but real problem lies with lack of awareness among people

➤ Carbon sequestration

- This is process by which carbon is trapped and stored in physical or chemical form
- Like tree and ocean phytoplankton take carbon with inhaling and store it
- This storing help carbon balance by natural way and ocean is the biggest carbon storage

➤ GSLV MK 3

- ISRO have successfully launched GSLV MK 3 as one of the heaviest satellite till date
- This mission include GSAT 19 one of the messenger satellite
- This mission completed using cryogenic technology to boost speed

and efficiency this technology literally meaning very cold, under this technology gas of nitrogen and hydrogen used with ultra low temperature

- This satellite set up in geosynchronous transfer orbit .

⇒ **GSTN**

- Goods and service tax is one nation one tax theory based tax system to bring uniformity in tax system
- This tax system will work totally on digital platform so goods and service tax network has been established
- This is not for profit organization owned by private sector financial institute
- This organization will provide digital infrastructure for GST

JUNE 12 2017

G.S.-01

- **Climate change and effect on rainfall**

- ⇒ Climate change majorly related with higher temperature that lead to intense evaporation and extreme rainfall event
- ⇒ NASA study show that amount of rainfall will increase in tropics as earth will become more warmer
- ⇒ More heat > more evaporation > more cloud > heat trapping > more precipitation

G.S.-03

- ⇒ **GST council on rate decision**

- GST passed by parliament and also cleared by various state assembly now will take real form
- Decision of GST management will be taken by GST council one of the constitutional body consist of union finance minister as chairman and state finance minister as member

Revision time

Some items whose proposed tax rates were reduced or retained

Rates cut

MOVIE TICKETS COSTING ₹100 OR LESS: 18% (from 28%)

CASHEW NUTS: 5% (from 12%)

PACKAGED FOODS LIKE SAUCES & PICKLES: 12% (from 18%)

INSULIN: 5% (from 12%)

TRACTOR COMPONENTS: 18% (from 28%)

CHILDREN'S COLOURING BOOKS: Nil (from 12%)

No change

HYBRID CARS (28% GST+15% cess)

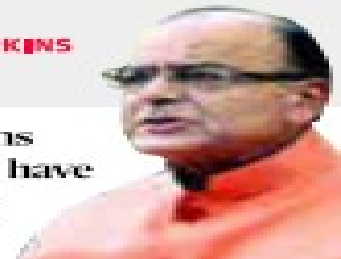
TELECOM SERVICES (18%)

SANITARY NAPKINS (12%)



We have received 133 representations asking us to reconsider rates, and we have revised downwards the rates on 66 items

— ARUN JAITLEY, Union Finance Minister



- GST will work totally on digital platform which managed by goods and service tax network [GSTN] one of non government and non for profit organization
- ➔ **Marine ecosystem**
 - Marine ecosystem badly affected from industrialization because of unregulated fishing practices combine with international trade
 - Unsustainable fishing and marine transport is major reason for deteriorated marine resources in some part
 - Local people should given enough chances to make use of traditional fishing practices to conserve ecosystem
 - Like in kerala fishing and rice cultivation being done in same water field
 - Government should form regulation with the help of international cooperation because oceanic ecosystem affected by every country and from every country
 - Oil spill, ocean acidification, over fishing, coastal construction, river water pollution etc.
- ➔ **Universal basic income**
 - This idea led to equal income guarantee for everyone
 - Universal basic income idea also supported by mahatma gandhi to have basic requirement for poor people
 - This idea also make space European country but rejected by people now in india this idea under debate
 - India can no implement this idea because of fiscal resources, inequality and identification of poor people, duplication of effort because wealthy person got income from their taxes already paid, how much income decision tough task etc.

➤ **Effect of monsoon on indian economy**

- IMD forecasted normal monsoon this year means rain will be 96 % long period average with 4 +/- fluctuation
- Long period average means average rain of last 50 year that is 89 CM
- Monsoon is the life blood for indian economy because of dependence of agriculture monsoon
- Monsoon act like life blood for agriculture which include half population directly or indirectly
- Good monsoon means > good production > good income > good demand in economy and overall vibrant economy

JUNE 13 2017

G.S.-02

➤ **Atal pension yojna [pib]**

- One of the social security scheme for old age pension .
- Under this scheme any person with age 18 to 40 participate and contribute .
- Government also contribute same amount as person do .
- This scheme managed by pension fund regulatory and development authority

G.S.-03

➤ **APEDA [pib]**

- Agricultural and Processed Food Products Export Development Authority popularly known as APEDA
- It is an apex body of the Ministry of Commerce, Government of India, to promote the export of agricultural commodities and processed food products.
- APEDA links Indian exporters to global markets besides providing comprehensive export oriented services.
- APEDA provides referral services and suggest suitable partners for joint ventures.
- APEDA's export basket ranges from typically Indian ethnic products like pickles, chutneys, sauces, curries etc. to rice, honey, fresh and processed fruits and vegetables, beverages, guar gum, poultry, livestock products, confectionery, cut flowers, food grains, aromatic plants and other Indian delicacies.

➤ Step to avoid drowning at beach in monsoon

- Beach is the place for joy and fun but in monsoon season indian ocean have unique mood and current
- This current led to major drowning incident so traveler and local people should mind following guide

Stay safe this monsoon



Keep a close eye on children on the beach, do not let them swim unattended



Red and yellow flags indicate no-swim zones



Stay 10 meters away from the waterline



Do not venture into the sea between 12 and 4 p.m.



Avoid secluded beaches that do not have lifeguards



Do not swim in the sea in case of lightning and thunder



➤ Price mechanism for agriculture product

- We must found sustainable solution for agricultural problem of price declaration
- Loan waiver is not sustainable step because it last for only year or two and also have negative impact on government revenue and fiscal position
- So we should think of some unique idea of economic empowerment of farmer so weather they don't have to take loan or make them enough capable to repayment
- Loan waiver plan also have side effect of inflationary problem
- APMC should amend and farmer have freedom to sell their produce at any time at any place
- E-NAM mission should be completed and implemented in time limit

➤ Agricultural distress

- Agricultural passing from its critical stage with farmer have to bear from every site though movement of agricultural not going as per need with leaderless trend
- Indian agricultural crisis become political playground and have short life so this problem can not be solved permanently
- Agricultural facing problem due to price crash, poor marketing facilities, rising credit burden, increasing cost of inputs and frequent occurrence of natural calamities.

- Minimum support price idea have not work because of because of inefficiency of administration and farmer have no idea about it
- **Taking solar potential**
- Solar and wind energy also called future energy now making its place in energy contribution of world level
- Solar alliance promoted by France and india also called international solar alliance
- This solar alliance have member country with more than 300 solar day and maximum member from tropical area
- This member will cooperate in finance and technology to develop solar power potential
- Headquarter of this initiative stated in gurugram india

JUNE 14 2017

G.S.-02

- **Agricultural crisis**
- Technological and institutional reform led to higher production > low price of farm produce
- Agricultural crisis led to farmer quit farm practices their son and daughter now not ready to accept farming as livelihood option
- Rural to urban migration going on and congestion and other problem in city are result of it
- So we have to find out speedy though sustainable solution of problem
- We have still struck in green revolution but long term effect on society, economy and ecology prove that green revolution never been green
- Major farm crisis related with water table and water quality crisis because of that farm produce decrease while for reviving farm they have to take high rate loan from informal sources .
- Sustainable solution for this problem will be
- **utilization of soil health card framework for technical agriculture**
- management of surface and ground water on the base of community effort
- other optional farming system like horticulture, truck farming
- investment in agro processing with rural small base plan to provide

rural base employment

- farmer should have formal access of credit and insurance
- strong farmer produce organization village based

G.S.-03

➤ **NAVIC constellation**

- Navigation indian constellation is full form of indigenous navigation system of india
- It is indian own GPS system that launched last year having more than 1500 KM range in indian periphery country
- This mechanism of constellation stopped working due to some technical problem
- This constellation include seven satellite have capability to navigate in neighbor country
- Satellite set up in geo stationary and geo synchronize orbit
- Navigation system successfu of l working need accurate timing so rubidium clock fitted with but this instrument now not working properly
- The applications of IRNSS are: terrestrial, aerial and marine navigation, vehicle tracking and fleet management, terrestrial navigation for hikers and travelers, disaster management, integration with mobile phones, mapping and geodetic data capture and visual and voice navigation for drivers.

➤ **ATGM Nag [pib]**

- The Anti-Tank Guided Missile Nag was successfully flight by DRDO
- The Fire and Forget 3rd generation ATGM Nag is incorporated with many advanced technologies including the Imaging Infrared Radar (IIR) Seeker with integrated avionics, a capability which is possessed by few nations in the world.
- The capabilities of the top attack ATGM Nag is unique in nature
- This missile launch become helpful to make indian strong in the sense of security issue

JUNE 15 2017

G.S.-01

• **Temple architecture**

- In indian history gupta period called golden period of temple architecture while in south india chola temple construction have climax of architecture
- There are mainly three style of temple architecture that is nagar,

vesar and dravid

- Panchayatan is one of sub style or form of temple architecture in which main shrine constructed with other four shrine
- Hoysala dynasty also given notable contribution in temple construction in which venkateshwar temple have much importance due to climax of system like viman and gopuram

G.S.-02

• Crop loan interest subvention

- Recent time agricultural crisis due to commercialization of agriculture
- Deep agriculture crisis need sustainable and environmental friend solution
- Farmer approaching to violence way and blocking highway that not good for overall economy so public administration should work always with preventive step to any problem
- Now government taking step of loan waiving that not economical and sustainable way because this will make money supply and fiscal position unstable
- NABARD is exclusive institute to work toward financial and technical support to agriculture but NABARD never give direct loan to farmer

• Contempt power to election commission

- Election commission is constitutional body under article 324 for the election of parliament, president, vice president and state assembly
- Election commission have one chief election commissioner with two other commissioner having same power
- Main duty of election commission are prepare electoral roll, plan for election and held election and also resolve dispute
- Now election commission want contempt power for itself after being commented by various section on tampering of EVM
- Now judiciary have contempt power so giving this power to election commission need amendment

G.S.-03

➤ GST implementation

- Central government plan to implement GST by 1 july 2017
- But major problem coming from various level is preparedness of governance and business structure also
- Government announced GSTN to be structural body to manage GST tax system

- At this stage people doesn't have much understanding about this system so government should have to start some public awareness program to make GST familiar

➤ **Ecosystem of Thar desert**

- Thar is one of the local name for the sub tropical desert situated in india – Pakistan border
- This desert present some of the extreme hot climate though home for some endangered and endemic species like bustard, deer, snake, indian wild ass, black buck etc.
- Bishnoi community of rajasthan known for voluntary cmonity led ecosystem conservation effort and for that government also started amrutadevi bishnoi award

➤ **Wholesale Price in India**

- Wholesale price index give idea about product price in wholesale market and also we can compare it with CPI to find value addition and cost of transaction
- This index published by CSO with base year of 2011-12
- Recently CSO introduced composite food index give idea about basic necessity of human that is food

Ease of doing business

- Ease of doing business report published by world bank with provision of smooth running of business in country
- Higher ranking depend on government and local public support in development of start up or venture of any entrepreneur

Microorganism degradation in strait of bosphorus

- Strait of bosphorus lies between asia and Europe continent when turkeys biggest city Istanbul located
- There is sudden change in microorganism color of phytoplankton
- Water color has been changed from blue to milk turquoise
- This color change also accompanied by sharper smell that is actually caused by ehux
- This ehux is single cell microorganism boon for black sea because it provide base for marine food chain

JUNE 16 2017

G.S.-02

➤ **Process of removal of judges**

- Process to remove judges of high court and supreme court has been given in constitution called process of impeachment
- Process start with proposal by at least 50 MP with reason of

misbehavior or incapacity

- Then judge given notice and process start with inquiry committee by supreme court and high court judges
- If inquiry report come with positive evidence then house pass motion and if accepted then judge become impeach from that particular date
- Till today no judge has been impeached

⇒ **Convention on child welfare and protection**

- India adopted move of the international labor organization to save child from child labor
- This convention give guideline on child labor, age of work and condition of work also
- New law prohibit child labor and if have household work then there is also limit like three hour only after school
- This convention is legally bound on member state

G.S.-03

⇒ **GM mustard**

- Genetically modified crops means crops having different gene that can help to fight and survive plant against unfavorable condition
- This new variety of mustard named dhara hybrid mustard developed by team of Delhi university
- Genetic engineering appraisal committee is apex body to give permission to GM crop to be produced on commercial base
- After that approval of environment ministry also required and ministry till today not given approval

JUNE 17 2017

G.S.-02

• **Pondicherry status**

- Pondicherry is one of the union territory having special status
- Under constitution Pondicherry given special status with regard to legislative assembly to territory
- Delhi also have this category under this lieutenant governor appointed by president which have more real power than governor of any state

Atal Pension Yojna (APY) [PIB]

- ⇒ It is one of the social security scheme in line with swalamban program
- ⇒ This program managed by provident fund regulatory and

development authority

- Any person between age 18 to 40 can subscribe but major target is unorganized sector person

G.S.-03

➤ Loan waiver and fiscal discipline problem

- Loan waiver demand now become epidemic for nation growth as well as farmer welfare because this short term solution have dangerous effect on nation economic development
- According to 14th finance commission report state government have more fiscal deficit than central government [when state governments deficit increase due to capital investment than that amount less from total and that called effective deficit]
- UDAY scheme also have already leave footprint on state fiscal discipline as state also have to bear 75 % of debt of DISCOM
- Government should give enough and supplementary financial resources to state government
- To solve problem of fiscal deficit there shall be provision in constitution about confidence vote government break fiscal deficit target

➤ Zika virus

- Zika virus spread through mosquito have severe effect on human kind .
- This virus related with microcephaly & spread through aedes aegypti that also cause dengue and chikanguniya
- Recently Zika cases found in Ahmadabad
- World health organization make in india second category vulnerable country to Zika virus

➤ Photosynthesis to save heart

- Scientist recently use photosynthesis technology to treat cardiac disease
- According to recent report green algae put in heart and enough light has been supplied than photosynthesis process led to treatment of heart
- Photosynthesis means abundant supply of oxygen that can live heart

➤ NAVIC

- Navigation with indian constellation is indigenous navigation system launched by ISRO
- This system provide GPS like service to whole in and periphery 1500 KM area
- This system include 7 satellite in geo transfer orbit and geo synchronous orbit
- This system recently struck in clock damage means one satellite clock not working properly
- This satellite need atomic clock made up of rubidium and physical research laboratory provide this clock service
- So now ISRO will launch another satellite to make that repairing

➤ Aadhaar must for bank account

- Aadhaar now must to open bank account and do any transaction more than 50000 amount
- Prevention of money laundering has been amended for that purpose

Closing in on tax evasion

The move follows the mandate of Budget 2017, which called for seeding Aadhaar with PAN



▪ Quoting of Aadhaar number made mandatory for opening bank account, and for financial transactions of ₹50,000 and above from June 1

▪ All existing account holders asked to submit Aadhaar to banks by December 31, 2017, failing which accounts will become invalid

▪ In case a person does not have an Aadhaar card, he has to furnish proof of his Aadhaar application

▪ **Small accounts without valid KYC documents:** Maximum deposit is ₹50,000, and can be opened only at branches with core banking solutions

— No foreign remittances to such accounts

— Balance to be closely monitored

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