

GOOD MORNING TIMES Economics -PT Shots (SEPTEMBER-2017)

Copyright © **Aspire IAS** All rights are reserved. No part of this document may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without prior permission of Aspire IAS.

Aspire IAS The name associated with excellence

10/70 Old Rajeneder Nagar N.Delhi ©2018 ASPIRE

TOPIC GENERAL STUDIES 3: ECONOMICS- ECONOMIC

DEVELOPMENT- GOV POLICIES	
September	2017
1. <u>DOMESTIC</u> <u>SYSTEMATICALLY</u>	☐ The Systematically Important Banks
IMPORTANT BANK	domestically are identified by Central Banks of a
 Recently RBI listed HDFC as 	country and globally by BASEL committee on
Domestic – Systematically	banking supervision.
Important Bank (DSIB) under the	2. CONSOLIDATION OF PUBLIC
bucket structure identified last	SECTOR BANKS
year.	• The government is working on a
• What are Domestic-	consolidation of public sector
Systematically Important Banks	banks with a view to creating 3-4
(DSIBs)?	global-sized banks and reduces the
☐ DSIBs are also referred to as "Too Big To Fall"	number of state-owned banks from
(TBTF) because of their size, cross-jurisdictional	21 to about 10-12.
activities, complexity and lack of substitute and	Significance of Merger/ Large-
interconnection.	Size bank
☐ Banks whose assets cross 2% of the GDP are	☐ The consolidation would impact on cost cutting
considered DSIBs. If these banks fail, they can	and acquiring efficiency in the wake of mounting
have a disruptive effect on the economy.	problem of stressed balance sheet and NPA.
☐ DSIBs are categorised under five buckets.	☐ The amalgamation could cater for the massive

aside the Additional Common Equity Tier 1 as a percentage of Risk Weighted Assets (RWAs). ☐ At present State Bank of India is placed under Bucket 3, mandating to maintain an additional 0.45% of RWAs from the start of fiscal year 2018

According to these buckets the banks have to keep

☐ HDFC and ICICI are under Bucket 1 according to which they have to maintain 0.15% from April 2018 which will rise to 0.2% by next fiscal year.

which will rise to 0.6% from April 2019.

☐ DSIBs are mandated under special provisions and are closely monitored by the central bank to ensure their better functioning and prevent the indulgence of such banks in any grey areas such as money laundering etc.

r g ☐ The amalgamation could cater for the massive credit requirements of the growing economy, absorb shocks and have the capacity to raise

resources without depending unduly on the state

☐ It would facilitate their resources diversion to

☐ Large banks in a consolidated banking system

diversification of risks and stronger overall

profitability contributing to higher credit ratings.

leading

better

Challenges

benefits

other underserved segments.

scale

exchequer.

enjoy

☐ It would be difficult to arrive at the swap ratio as rights of minority shareholders in proposed consolidated bank have to be protected.

ASPITE IAS The name associated with excellence

Economics MADE EASY - THEORY to APPLIED

GOOD MORNING T	TMES- SEP - 2017
☐ Obstacle in merger will be large-scale shutting	☐ increase the minimum net worth requirement
of branches in urban centres, reduction in staff	for existing and new agencies from ₹5 crore to
strength and exploring the right business synergy	₹50 crore
and work culture.	at least five years' experience for promoters of
 Narasimhan Committee Report 	rating agencies.
1991	• Impact
☐ Merger of public sector banks to make them	☐ The proposed disclosure norms will improve
stronger.	investor awareness about the operations of rating
☐ It had envisaged a three-tier banking structure	agencies.
with three large banks with international presence	☐ The spin-off of non-core operations of rating
at the top, eight to 10 national banks at tier two,	agencies will allow SEBI to focus on regulating
and a large number of regional and local banks at	just their credit rating operations.
the bottom.	☐ This will prevent rating agencies from resorting
☐ Setting up large number of local banks for	to collusion in reaching decisions.
banking penetration Factors like regional	• Role of CRAs (Credit rating
balance, geographical reach, financial burden and	agencies): It a tool for borrowers to
smooth human resource transition have to be	gain access to loans and debt by
looked into while taking a merger decision.	providing independent evidence-
Efficient use of Section 44A of Banking	and research-based opinion on the
Regulation Act 1949 (lays down the norms for	ability and willingness of the issuer
voluntary mergers) and Section 45 of the Act.	to meet debt service obligations,
(Forced mergers).	and distinctively attaching a
Consolidation should be on par of competition	probability of default to a specific
in order to avoid oligopolistic practices.	instrument. Issues in credit rating
2 CDEDIT DATING ACENCIES	in India
3. CREDIT RATING AGENCIES	Conflict of interest: They work towards
The Securities and Exchange Record of India has proposed.	maximizing CRA shareholder value by way of
Board of India has proposed	increasing revenues from issuers, while trying to
measures for credit rating agencies to improve "market efficiency" and	provide independent ratings for the consumption
enhance "the governance,	of investors.
accountability and functioning of	Issuer paid model: As they depend on issuers for their business, it compromises their
credit rating agencies".	for their business, it compromises their objectivity.
• Details: Important provisions	☐ Information availability: If the issuer decides
include	not to answer some determinant questions, the
to restrict cross-shareholding between rating	rating may be principally based on public
agencies without regulatory approval to 10%,	information.
mprovide to some to so	☐ The system does not permit publishing a rating
	without the issuer's consent. If the rating is not as

fingil as the issuel expects it to be	, it can choose to	Y	10 analyse any issue,
go to another CRA and fish fo	r a better rating.		economic or otherwise,
This takes away a lot of freedon	n from the CRA		referred to it by the prime
and puts it in the hands of the issu	ier.		minister and advising him
☐ Non-rating activities of CRA	s: They generate		thereon; to address issues of
significant revenue through nor	n-rating activities		macroeconomic importance
undertaken by their specialized s	ubsidiaries. Such		and presenting views
non-rating activities generate sig	nificant conflicts		thereon to the prime
of interest with respect to the r	nain service that		minister.
CRAs-ratings of the issuers.	Suggestions to	✓	This could be either suo-
address these issues			motu or on reference from
☐ CRAs should refrain from p	roviding advisory		the prime minister or
services to the rated compa	nies, even via		anyone else; to attend to
subsidiaries.			any other task as may be
☐ Avoid arriving at rating	gs with limited		desired by the prime
information, even if it means	foregoing that		minister from time to time
mandate.		\checkmark	Other members include
☐ Disclose underlying assum	nptions, allowing		Surjit Bhalla, Rathin Roy
potential investors to factor inbui	lt risk in the final		and Ashima Goyal along
rating.			with Ratan Watal.
☐ Operate on fixed fee stru	ecture, restricting	 Need 	
competition to quality and not pri	cing.	☐ There have been	growing concerns over the
☐ Increase objectivity of rating	models, thereby		e economy and the slow pace
reducing subjectivity and cognitive	ve bias.		5.7% fiscal first-quarter GDP
		growth pits the count	ry behind China on the list of
4. ECONOMIC ADVISOR	RY COUNCIL	worlds' fastest-growi	ng major economies.
• Government has	announced the	☐ EAC-PM will he	elp to keep a closer eye on
constitution of	a five-member	economic developme	ents and provide advisory on
Economic Advisor	ry Council to the	addressing macroeco	onomic and other important
Prime Minister (EAC-PM) under	issues.	-
the chairmanship	of Bibek Debroy	☐ EAC-PM will push	a qualitative shift for advice
(member Niti Aay	og).	tender by finance i	ministry to Prime Minister.
• The EAC-PM is	=	•	l have a new source of advice
body to give adv	-		to seek a second opinion
•			-
	ssues to the	within the governmen	it system.
Government of In		•	•
Government of Into to the prime minis	ndia, specifically	☐ Simultaneously, th	nt system. The presence of the council will be be alance between the

Aspire IAS The name associated with excellence

☐ Terms of reference of EAC include:

influence exercised by civil servants on economic

policy making and the advice offered by economists within the government system.

History of EAC (PM): The Economic Advisory Council to the Prime Minister was first constituted by the then Prime Minister Manmohan Singh on December 29, 2004 under the chairmanship of C Rangarajan. The work of the council included offering advice to the PM on policy matters from time to time. Besides, it also prepared a monthly report on economic developments at home and abroad for the Prime Minister. In 2014, the NDA government had disbanded the PMEAC.

5. SHELL COMPANIES

 Ministry of Corporate Affairs (MCA) has cancelled the registration of 2.1 lakh dormant companies and directors of about 1.07 lakh shell companies among them will also be disqualified.

• What are Shell Companies?

These are companies without active business operations with significant assets. They can be set up by for both legitimate and illegitimate purposes.

o the legitimate purpose may include promoting a start-up by raising funds and

o Illegitimate purpose includes hiding ownership from the law enforcement, laundering unaccounted money and avoiding tax.

☐ In India Shell companies are not defined under Companies Act, 2013 or any other legislation. However, some laws can help curbing illegal activities such as money laundering and can

indirectly be used to target shell companies — Benami Transaction (Prohibition) Amendment Act 2016; The Prevention of Money Laundering Act 2002 and The Companies Act, 2013 etc.

• Significance of the move

☐ The defunct companies strain the regulatory system. There were about 13 Lakh registered companies prior to action and after closing of around 2.10 Lakh Companies, there will be 11 Lakh companies having Active status in the Registry

The measure is important in context of government crackdown on shell companies in post demonetisation phase and also curbing the menace of black money. The crackdown has been successful after demonetisation as layering of transactions has been very little in that phase.

☐ Weeding out of shell companies will improve corporate governance and pave the way for ease of doing business by enhancing investor confidence in Indian regulatory system.

Concerns

☐ The companies which are not shell companies may face economic losses and restrictions on trading.

☐ It may also negatively impact on Startups in the country and hurt prospects for Start Up India Programme.

Apart from the role of Directors of shell companies, role of auditors has also come under the scanner for alleged connivance in facilitating illegal transactions and not raising the red flag when such things came to the fore.

☐ The MCA is also examining the recommendations of the 3-member expert panel on various issues related to audit firms headed by TERI chairman Ashok Chawla.

GOOD MORNING I	
6. SMART AGRICULTURE	☐ The information can be accessed by the farmers
CONCLAVE	throughout the world. These services could be
• Recently, Department of	accessed by the farmer directly or through
Biotechnology held Smart	intermediaries such as local co-operative.
Agriculture Conclave in	☐ It also includes Market Zone where farmers can
partnership with research	directly sell their produce and the produce can
organisation in order to set the	also be directly picked from their farms.
stage for Farmer Zone to cater to	☐ It will also help to reduce technological gap in
the needs of the farmers.	data acquisition & transfer from farm to cloud and
• Need	vice versa.
☐ Smart Agriculture Conclave with international	☐ It will also connect various stakeholders and
partnership is a step towards scientific and	experts such as farmers, scientists, government
technological integration of agriculture.	hofficial, economists and global companies
Smart Agriculture Conclave would help to create	working in big data analysis and e-commerce.
a roadmap for setting up a cloud-service called	This would ensure that localised technology-based
"Farmer Zone", where the data would be	solutions and develop PPP based service delivery
processed to bring out useful and relevant	mechanism.
information for farmers.	• What is Climate Smart
☐ At present around 55% of India's agriculture is	Agriculture? It is an integrated
rain dependent due to which the growth in the	approach to address interlinked
sector has been fluctuating since past few years.	challenges of food security and
☐ It assists in ensuring nutrition of the growing	climate change aim
population, need for reliable data to mitigate risks	☐ Sustainable increase agricultural productivity
from climate change and also inclusion of	that will further help to increase the farm income,
smallholder farmers as stakeholder in data	food security and development. Adapting and
	ustrailding Desilikapaneraf Gazaticulture to climate
also talks about achieving food security, improved	change.
nutrition and promoting sustainable agriculture.	Reducing greenhouse emission from
• Farmer Zone	agriculture.
☐ It involves the initiative for cloud-based	7. GIS-ENABLED PORTAL MAPS
platform to collect, collate and curate field and	LAND-RELATED INFORMATION
remotely sensed data along with market	• Recently, Centre has launched an
intelligence to create smart agriculture solutions to	online database of more than half a
smallholder farmers.	million hectares of land assisting
☐ Farmer Zone will be a multi-purpose window	industry.
which will provide solutions to farmer ranging	 Background
from climate change-based information to weather	☐ The Government pushing for creating a

Aspire IAS The name associated with excellence

predictions, soil, water and seed requirements to

market linkages.

manufacturing hub in the country by 2020 for

WHICH HILIAUVES SUCH AS IVIAKE III HIGHA AND SKIII	I The potat will be nightly beneficial for
India have been launched.	Industrial sector as:
☐ The government is also developing a new	o It will eliminate information asymmetry.
Industrial and manufacturing policy which aims to	o Improve industrial policy making and
increase manufacturing sector share from present	investment in manufacturing sector.
16% to 25% by 2020. It also aims to make India a	o Improve employability of labour in specific job
global manufacturing hub and generate	profiles
employment.	☐ The Database is being developed by the
☐ Manufacturing sector will not only provide	Department of Industrial Policy and Promotion
impetus to economic growth but will also harness	(DIPP) and National e-Governance Division of
the demographic dividend of the country.	Ministry of Electronics and Information
☐ Therefore, in order to provide an enabling	Technology as well as the BISAG – an institute
environment government has launched GIS-	for space applications and geo-informatics under
enabled portal maps land related information.	the Gujarat Government.
GIS- enabled Database	• Geographic Information System
☐ It is a database that had been launched by the	☐ GIS can be defined as a computerbased tool
central government through which industries	that analyses, stores, manipulates and visualizes
could access information related to industrial	geographic information displaying data related to
parks or clusters, Special Economic Zones,	position on Earth's surface.
National Investment and Manufacturing Zones as	
well as area wise availability of agricultural and	8. DAIRY SECTOR
horticultural crops and mineral production.	• The Cabinet Committee on
☐ The database will also have information about	Economic Affairs has approved a
warehouses, power grids; financial institutions as	"Dairy Processing & Infrastructure
well as demand for infrastructure could be	Development Fund" (DIDF) with
captured through the applications made by	an outlay of Rs 10,881 crore during
entrepreneurs for projects.	the period from 2017-18 to 2028-
☐ Other information available includes:	29.
o Industrial land use and availability of industrial	 Need of Fund
land.	☐ The fund will be used to provide loan for
o Approved and pending projects	building an efficient milk procurement system and
o Infrastructure like - state and nation highways,	other processing infrastructure.
airports, ports, railway stations and electricity	☐ Benefit to farmers: With this investment 95
o Investment and employment targets	lakh farmers in about 50,000 villages would be
o Waste disposal facilities etc.	benefitted.
☐ It will also provide details about government	☐ Capacity creation in milk processing
approved technical institutions and availability of	Additional Milk processing capacity, milk drying
skilled and semi-skilled talent.	capacity, milk chilling capacity, electronic milk
Λ ' I Λ ^	

adulteration testing equipment and value-added products manufacturing capacity shall be created.

Employment generation: The implementation of DIDF scheme will generate direct and indirect employment opportunities for skilled, semi-skilled and unskilled manpower. Direct employment opportunities for about 40,000 people will be created under the scheme. About 2 lakh indirect employment opportunities will be created on account of expansion of milk and milk product marketing operations to Tier IV, V & VI cities/towns etc.

Dairy sector in India: The Indian dairy sector provides livelihood to 15 crore farmers. India is the world's largest milk producer with 156 MMT of the item produced annually. However, exports of these items from India are negligible (about 0.5 MMT or 0.3% of the production). While New Zealand controls 25% of the global dairy trade and Australia around 5%. Importance of dairy sector: It provides the livelihood to millions of farmers whom belong to marginalized sections of society. Potential: As per a Crisil report the Indian milk economy is worth Rs 5 lakh crore, growing at a CAGR of 15-16 per cent, out of which the organised milk economy is worth Rs 80.000 crore.

Growth factors:

☐ As global dairy consumption stagnates or even dips, Indian consumption is going up. India's per capita consumption of milk at 97 liter's a year is way below that of western countries.

$\hfill\square$ The Indian consumer - especially the affluent
urban consumer - is consuming more value-added
products. As the Indian cooperatives had largely
stuck to basic milk, this had left a gap in the
market that allowed some of the new players to
come in with new product offerings.
☐ The phenomenon of working couples with high
disposable income also provided the impetus for

disposable income also provided the impetus for immediate requirement of complete food (MILK).

Finally, global prices of milk are dipping because of overcapacity, while the Indian market is still growing, both for basic milk as well as for value-added products.

Challenges:

✓ International level

☐ Impact of FTAs: Removal of import duties on milk and milk products under Free Trade Agreement (FTA) including the Regional Comprehensive Economic Partnership (RCEP) will make imports cheaper.

Low surplus for exports: India is the world's largest milk producer with 156 MMT annually. However, since there is a huge domestic demand for milk and milk products, exports of these items from India is negligible (about 0.5 MMT or 0.3% of the production). While New Zealand and Australia export 86% and 25% of their protection.

Export restriction by other countries: Most RCEP countries have a highly restrictive regime on dairy products — either high import duties or cumbersome procedures with certification and inspection requirements. For eg China does not allow Indian dairy imports. Similarly, Indonesia, Australia classifies India as an FMD (foot and mouth disease)-hit nation and restricts Indian dairy imports. New Zealand's requirement of several veterinary documentation on dairy products also prevents Indian exports to that nation.

✓ National level

☐ Domination of unorganized sector: this prevents value addition and large-scale investment in infrastructure creation. ☐ Infrastructure issues: cold food supply chain, milk processing facilities, vehicles to transport milk products etc, lack of marketing facilities and extension services: Insufficient Veterinary Services ☐ Non availability of fodder: especially green fodder round the year. By 2025, going by the present way of cultivation pattern, there will be 65% deficit of green fodder. ☐ Segment wise problem: For the backyard farms, the main challenge is the reluctance in acceptance of balanced nutrition for their animals. Most of them still feed their animals in the traditional way with unbalanced feed, forage and supplements and this leads to less than expected milk output from the animals. For semi-organized dairy farms, the key challenge is the improvement in the herd efficiency and maintaining the consistent milk production round the year.

> Government steps: Government of India is making efforts for dairy strengthening the sector through various Central sector Schemes like "National Programme for Bovine Breeding and Dairy Development". National Dairy Plan (Phase-I) "Dairy and Entrepreneurship Development Scheme".

9. <u>DOUBLING THE FARMERS</u> INCOME

 Agriculture Ministry has recently released a blueprint having 7-point strategy to achieve the vision of doubling farmer's income by 2022. A Committee on Doubling Farmers' Income headed by Ashok Dalwai also gave certain suggestion in the 4 out of 12 reports released earlier.

• About seven-point strategy

☐ Increase in production by improving irrigation efficiency through o increased irrigation budget (Madhya Pradesh, which achieved an agricultural growth rate of 9.7% from 2004-2015 against national average of 3.6%, did so on the back of substantial irrigation investment)

- o implementing Pradhan Mantri Krishi Sinchai Yojana
- o expediting pending medium and large irrigation projects
- o fast-tracking watershed development and water harvesting & management projects
- ☐ Effective use of input cost Government has taken up different steps for different inputs
- o Soil introduced Soil Health Card Scheme to inform farmers about nutrients status of the soils
- o Fertilisers rationalising the use of fertilisers by giving information about nutrient status of soil, curbing illegal use of urea as well as ensuring adequate supply through Neem Coated Urea scheme
- o Seeds Providing with better quality seeds at affordable prices
- o Awareness giving timely information and advisory services to farmers through online and telecom mediums such as Kisan Call Centre and Kisan Suvidha App
- o Better Planning through adoption of new technologies such as space technology which helping in better planning through forecasting of crop production, agricultural land-use mapping, drought prediction, and utilisation of fallow paddy fields for Rabi crops

o Encouraging organic farming which sells costly	☐ Promoting Allied Activities—includes
while cost on inputs is less.	o Integrated Farming system which focuses on
☐Reduction of post-harvest losses	horticulture, livestock, and bee keeping along with
o Storage facilities - government is encouraging	agriculture. This scheme will not only increase
farmers to use warehouses and avoid distressed	farmers' income, it will also mitigate the effect of
sales at lower cost. Also, loans are being provided	drought, flood, and other natural disasters.
against negotiable warehouse receipts are being	o Blue Revolution: includes promoting activities
provided with interest subvention benefits.	such as inland fisheries, Aquaculture, Mariculture
o Integrated cold chains in rural areas.	undertaken by National Fisheries Development
□Value Addition	Board (NFDB) under Integrated Development and
o Promoting quality through food processing -	Management of Fisheries, initiating Deep Sea
Under Pradhan Mantri Kisan Sampada Yojana,	Fishing scheme etc.
food processing capabilities will be developed by	o Sub-Mission on Agroforestry: aims to promote
working on forward and backward linkage of agro	inter-cropping. Under this, "Med Per Ped"
processing cluster, benefitting 20 lakh farmers and	campaign has also been included.
creating employment opportunities for about 5	o Rural Backyard Poultry Development: This
lakhs.	scheme involves providing supplementary income
☐Reforms in Agriculture Marketing	and nutritional support to poultry farmers,
o Integrating markets through e-NAM where 455	sensitizing sheep, goat, pig and duck farmers
mandis have been linked to this platform.	about opportunities to enhance income etc.
o Model Agricultural Produce Market Committee	• Doubling farmer income will also
(APMC) Act is being worked upon which also	have possible impacts on
includes private market yards and direct	achievement of goal number 2 of
marketing.	SDG, i.e., End hunger, achieve food
o Contract farming - the Government is also	security and improved nutrition, and
working on a Model Act to promote contract	promote sustainable agriculture.
farming.	Along with above steps, following
☐ Risk, Security and Assistance	measures should also be considered
o Insurance – through Pradhan Mantri Fasal Bima	☐ Arresting falling prices by MSP and
Yojana (PMFBY) reduces possible risks through	procurement – This will also reduce rising debt
fixing lowest rate for Kharif and Rabi crops,	and thus, farmer protests witnessed in several
covering standing crops as well as pre-sowing to	parts of our country
post-harvesting losses, settling 25% of the claim	☐ Encouraging innovation in agriculture – by
immediately online, carrying out faster	promoting start-ups on boosting agricultural
assessments of crop loss using new technologies	productivity & yield through newer technology.
like Smartphones, satellite imagery and drones	☐ Land reforms—includes distribution of ceiling-
facilities, increasing compensation amount to 1.5	surplus and waste lands, prevention of diversion
times, providing compensation if at least 33% of	of prime agricultural land and forest to corporate
the crop is damaged.	

sector for non-agricultural use, establishing a National Land Use Advisory Service etc.

• Suggestions by Ashok Dalwai committee

☐ An additional investment of Rs 6.39 lakh crore
is required from both public and private sectors to
double farmer income.
☐ There is need of developing financial & other
infrastructure in less developed states of eastern
region which lags in private investment
☐ Stepping up institutional credit on large scale as
they are fulfilling only 50-60% investment
requirements of farmers
☐ There is need to enhance public investments in
agricultural R&D, irrigation, energy & education
in agriculturally less developed states as marginal
returns in terms of income here are relatively
higher
Focus on "demand-driven fork-to-farm
approach", diversification towards high value
crops etc.
☐ Focus on exports with an aim to raise
agricultural export to reach \$100 billion by 2022-
23 and going beyond cereals and meat which
constitutes bulk of our exports at present.

- Horticulture: through Mission for Integrated Development of Horticulture (MIDH) scheme which provides better planting materials, improved seed and protected cultivation, high density plantation, rejuvenation, and precision farming.
- White Revolution through conserving indigenous breeds under Rashtriya Gokul Mission, improving genetic makeup, increasing milk production, establishing Dairy Processing and Infrastructure Development Fund,

- generating self-employment opportunities through Dairy Entrepreneurship Development Scheme
- Beekeeping: is promoted through training large number of farmers/beekeepers, registering bee keepers and honey societies/companies/firms, establishing Integrated Bee Keeping Development Centres (IBDC).

10. ELECTRONIC WAREHOUSING RECEIPTS

- Ministry of Food Processing Industries has launched negotiable warehousing receipts in electronic format that farmers can use to avail of bank credit easily and without fear of losing or misusing it.
- More on news
- ☐ It also unveiled a web portal for registration of warehouses in a faster and more transparent manner. On the new portal the process of registration with the WDRA has been simplified and fastened.

 repositories, with National Commodity and Derivative Exchange (NCDEX) and Central Depository Services (CDSL), on which these negotiable warehouse receipts will be traded.

• What is negotiable warehouse receipt (NWR)?

100	(1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
☐ Warehouse Re	eceipts are docu	umer	its issue	ed by
warehouses to depositors against the commodities				
deposited in the	e warehouses,	for	which	the
warehouse is the bailee.				
☐ Warehouse 1	Receipts may	be	either	non-
negotiable or negotiable. NWRs can be traded,				

Aspire IAS The name associated with excellence

10/70 Old Rajeneder Nagar N.Delhí www.aspireias.com ©2018 ASPIRE IAS. All rights reserved 8010068998/9999801394

☐ It

sold, swapped and used as collateral to support

borrowing.	to over four crore families in rural
☐ It is defined in the Warehousing (Development	and urban areas by December
and Regulation) Act, 2007 (WDR Act).	2018, Prime Minister has launched
☐ NWR was launched first in 2011 and are	Pradhan Mantri Sahaj Bijli Har
regulated by the Warehousing Development and	Ghar Yojana 'Saubhagya'.
Regulatory Authority (WDRA).	 Progress of Power to All
• Benefits	program till now:
☐ It helps farmers to seek loans from banks	☐ In 2015, PM had amounced to electrify the
against NWRs and this way NWRs become a	remaining 18,452 unelectrified villages by May 1,
prime tool of trade.	2018. Now less than 3,000 villages remain
☐ It allows farmers to extend the sales period of	unelectrified and all villages will be electrified by
modestly perishable products beyond the	the end of this year, much ahead of the schedule.
harvesting season and avoid distress sale.	☐ The govt had also fixed target to provide 24X7
☐ It allows transfer of ownership of a commodity	power to all by March, 2019. India is aiming to
stored in a warehouse without having to deliver it	achieve the target of power for all by December
physically.	2018. At present four crore out of 25 crore
☐ NWRs can enhance banks' interest in lending in	families do not have power connection.
respect of farm goods deposited by farmers in the	Why need for new scheme?
registered warehouses which can increase	Despite the government's aggressive village
liquidity in the rural areas and encourage scientific	electrification programme, under the Deen Dayal
warehousing of goods.	Upadhyay Gram Jyoti Yojana, it was realised that
• Warehouse (Development and	the problem of electricity 'access' wasn't
Regulation) Act, 2007	resolved.
☐ To make provisions for the development and	☐ With a large number of households still
regulation of warehouses, negotiability of	remaining without access to electricity, the
warehouse receipts etc.	scheme aims at ensuring the coverage of
☐ Warehousing Development and Regulatory	households as opposed to only villages.
Authority (WDRA) is implementing body.	 Details of scheme
☐ The WDRA regulates and registers the	☐ Objective: to provide electricity to all families
warehouses in the country. Only a warehouse	in India.
registered with WDRA can issue Negotiable	☐ Total Outlay: 16,320 crore scheme, the Gross
Warehouse Receipts (NWRs).	Budgetary Support (GBS) is Rs 12,320 crore. The
☐ The Act makes the warehouseman liable for	scheme is being funded to the extent of 60% by
loss of, or injury to, goods caused by his failure	central grants, 30% by bank loans and 10% by
and also provides for compensation to the	states.
depositor of the goods.	☐ The scheme primarily benefits rural areas,
	which have the vast majority of households
11. <u>SAUBHAGYA YOJANA</u>	without power connections. Of the total outlay of

Aspire IAS The name associated with excellence

• With an aim to provide electricity

Rs 16,320 crore, rural areas will get Rs 14,025 crore. For the urban households the outlay is Rs. 2,295 crores.

☐ Identification of beneficiaries: The government will use Socio Economic and Caste Census (SECC) 2011 data to identify the beneficiaries for free electricity connections. Un-electrified households not covered under the SECC data would also be provided electricity connections under the scheme on payment of Rs 500 which will be recovered by DISCOMs in 10 installments through electricity bill.

☐Implementation:

- ✓ The Rural Electrification Corporation Limited will remain the nodal agency for the operationalisation of the scheme throughout the country.
- To ensure on-the-spot registration, mobile applications will be used. While free connections will provided to below line (BPL) poverty households, even those not covered under this category can avail it by paying Rs500 in 10 instalments with their monthly bill.
- For those household where the national electricity grid can't reach, households will be provided with solar power packs along with battery banks.
- ✓ Remote hamlets will be powered with solar panels along with five LED lamps,

- a DC fan, and a plug point along with repair and maintenance for five years
- ✓ There will be no subsidy component for monthly electricity consumption and the Gram Panchayat and public institutions in the rural areas will be authorised to carry out billing and collection tasks which have been pain points for the discoms.
- States have also been provided with an incentive of 50% of their loan being converted to grants, if the electrification targets are met by 31 December 2018.

• Possible Impact of the scheme

Earlier the electricity distribution companies
(discoms) didn't want to supply to the villages
even if the electrification has taken place. By
providing electricity access to all households with
prepaid and smart meters, demand will be created
which in turn will force the discoms to supply to
these villages.

☐ The scheme will boost growth. Access to energy is central to development and this initiative to expedite that access is strongly positive for growth.

Last-mile connectivity has always been a huge challenge due high cost of connections for households and higher supply costs for states. This will attempt to address both, by funding energy efficient equipment.

☐ It will improve the environment, public health, education and connectivity with the help of last-mile power connections across India.

GOOD MORNING T	YIMES- SEP - 2017
☐ It will help reduce the use of kerosene lamps in	☐ India has 0.5% of the oil and gas resources of
non-electrified households. Thus, it will help	the world and 15% of the world's population. This
India, the world's third-largest energy consumer	makes India heavily dependent on the import of
after the US and China, to help meet its global	the crude oil and natural gas.
climate change commitments.	☐ India the third-largest oil consuming nation in
☐ The scheme would inject Rs 16,000 crore into	the world: India's oil consumption grew 8.3 per
the economy, create assets and generate	cent year-on year to 212.7 million tonnes in 2016,
employment. Importantly, electricity would be	as against the global growth of 1.5 per cent.
billed without any subsidy.	☐ India is the fourth-largest Liquefied Natural
☐ Better quality of life, especially for women, in	Gas (LNG) importer after Japan, South Korea and
daily chores	China, and accounts for 5.8 per cent of the total
• Way forward: New India will	global trade.
require an energy framework that	☐ Government aims to increase the share of gas in
works on the principle of equity,	the country's energy mix to 15 per cent by 2020
efficiency and sustainability. After	from about 6.5 per cent now to curb pollution and
connecting each house with	carbon emissions.
electricity, the government's next	☐ Draft National Energy Policy target to reduce
target should be to end load	oil imports by 10% from (2014-15 levels) by 2022
shedding and provide 24x7 power.	According to the Minister of State for
	Petroleum and Natural Gas, India's oil demand is
12. <u>OIL DISCOVERY IN ARABIAN SEA</u>	expected to grow at a compound annual growth
• Recently, State-owned Oil and	rate (CAGR) of 3.6 per cent to 458 Million
Natural Gas Corp. (ONGC) has	Tonnes of Oil Equivalent (MTOE) by 2040, while
made a significant oil discovery to	demand for energy will more than double by 2040
the west of its prime Mumbai High	as economy will grow to more than five times its
fields in the Arabian sea.	current size.
 Highlight 	☐ According the Petroleum Planning Analysis
☐ The discovery in the well WO-24-3 is estimated	Cell (PPAC), data and policy analysis wing of the
to hold an in-place reserve of about 20 million	oil ministry, India's crude oil import bill is
tonnes.	expected to increase 23% from \$70 billion in
☐ Mumbai High, India's biggest oil field,	2016-17 to \$86 billion in 2017-18 in the current
currently produces 205,000 barrels of oil per day	fiscal year.
(just over 10 million tonnes per annum).	Oil and Gas supply chain:
☐ The new find, which comes almost 50 years	☐ Upstream Sector: They identify oil and natural
after ONGC began production in Mumbai High,	gas deposits and engage in the extraction of these
will help the company maintain production levels	resources from underground. Eg: ONGC, Oil
from the basin for a longer time than currently	India ltd.
estimated.	☐ Midstream sector: This sector involves
• Oil & Gas scenario in India	transportation of oil and gas from blocks to

refineries and from refineries to distribution	parking of vehicles in cities, improving road
centers. It also includes storage infrastructure.	safety, and improving the security of passenger
☐ Downstream sector: They include refineries	and goods traffic.
and marketing. eg Indian Oil Corporation Ltd – It	• What is Intelligent
is largest company in India by sales and second	Transportation Systems (ITS)?
largest refiner (31% share).	☐ It visualizes information and communication
 Oil Producing region In India 	technology (ICT) and advanced vehicular
☐ Brahmaputra valley of north-east India.	technologies, helping mobile vehicles and
☐ Barmer area of Rajasthan.	infrastructure communicate on a real-time basis.
☐ Cauvery on shore basin in Tamil Nadu.	☐ It is essentially a multi-disciplinary and cross-
☐ Andhra Pradesh has both on shore and offshore	functional, and involves the following systems:
oil reserves.	Advanced traffic management systems
☐ The Mumbai High in the Arabian sea	(ATMS): Dynamic integration and management
	of transportation operations to prioritize
13. INTELLIGENT TRANSPORTATION	movements, alleviate congestion and ensure
SYSTEMS	network efficiency and safety.
 Recently, NITI Aayog and the 	Advanced traveler information systems (ATIS):
International Road Federation (IRF	Real-time and dynamic information dissemination
Geneva) signed a Statement of	to end-users so that informed mobility choices can
Intent (SoI) to cooperate in the	be made.
field of Intelligent Transportation	☐ Advanced vehicle control systems (AVCS):
Systems (ITS).	Computational and communication systems inside
• The objective of the SoI is to create	the transit vehicles that ensure passenger safety by
a national platform, involving all	employing sensory controls and abort mechanisms
relevant Government of India	to help internal systems coordinate with external
stakeholders, Indian and foreign	infrastructure and other mobile systems.
companies active in the sector, and	Commercial vehicle operations (CVO):
relevant technical experts for the	Operations control, monitoring, and productivity
purpose of developing a National	enhancement of private commercial fleets.
ITS Policy covering:	Advanced public transportation systems
☐ Traffic Management.	(APTS): Systems that enhance the availability and
☐ Parking Manæement.	utilization of public transportation.
☐ Electronic Enforcement of Traffic Rules and	☐ Advanced rural transportation systems (ARTS):
Regulations.	Systems that facilitate adequacy of transportation
☐ Fleet Management and Monitoring.	services in sparsely populated regions, while
☐ Innovation in the field of ITS.	fulfilling economic considerations.
☐ Education in the field of ITS.	• Significance of Adopting ITS in
☐ This policy will contribute in reducing urban	India
traffic congestion, improving the situation around	
Acniro IAS	

The name associated with excellence

Smooth public transportation. It will electurage	·
the use of public transport thereby resulting in	investments.
lesser traffic congestion.	It provides a wide base of expertise for
New Economic opportunity: It would help in	planning road development strategy and policy for
developing the market for development of smart	governments and financial institutions in all
phone apps and web-based portals.	aspects of road policy and development.
☐ Smart city: Implementation of ITS will help in	
better realization Smart cities goal.	14. <u>INDIA THIRD IN NUCLEAR POWER</u>
☐ Improved safety of commuters: Various online	INSTALLATIONS
apps like operation Himmat of Delhi police can be	 According to the World Nuclear
used in ITS for-security purposes as it allows	Industry Status Report 2017, India
commuters to keep track of the routes and travel	is third in the world in the number
safely. Further, proposed panic button in smart	of nuclear reactors being installed,
phones by DEITY can also be helpful here.	while China tops the list.
☐ Real time information: It will provide real time	 Highlight
bus arrival info, delays, scheduled bus availability	☐ Global nuclear power generation increased by
etc. and in turn will help commuters to plan their	1.4% in 2016 due to a 23% increase in China,
trips accordingly.	although the share of nuclear energy in electricity
☐ Promote Inclusive development: Efficient and	generation in the world is stagnated at 10.5%.
affordable mobility is important so as to ensure	• Concern regarding future of
easy access for citizens to labour markets and	Nuclear Power Generation
places of education and leisure.	Delay in power generation: Most nuclear
☐ Positive environmental impact: Problems like	reactor constructions are behind schedule, with
air and noise pollution, posing serious health	delays resulting in increase in project costs.
hazards for citizens will be reduced as a result of	☐ Resurgence of renewable energy: Since 1997,
ITS.	worldwide, renewable energy has produced four
 International Road Federation 	times as many new kilowatt-hours of electricity
☐ The IRF is global non-governmental, not-for-	than nuclear power.
profit organisation with mission to encourage and	☐ Financial crisis: Nuclear industry around is
promote development and maintenance of better,	plagued by financial eg: Toshiba filed for
safer and more sustainable roads and road	bankruptcy of its U.S. subsidiary Westinghouse,
networks.	the largest nuclear power builder in history.
☐ IRF seeks to promote social and economic	☐ Closure announcement: Germany announced
benefits of sustainable and environmentally sound	plans to end all nuclear power generation by 2022.
road transport infrastructure at all levels of	The Swiss have vowed to end nuclear power by
society.	2034; and the Italians voted down plans to restart
☐ It helps to put in place technological solutions	the country's nuclear power program.
and management practices that provide maximum	, ,

15. <u>Undersea line from Iran to port cheap</u> gas

 A 1,300-km undersea pipeline from Iran, avoiding Pakistani waters, has been proposed to port cheap gas. It is said that this pipeline can bring natural gas from the Persian Gulf to India at rates less than the price of LNG available in the spot market.

• Key facts:

As per the proposal, the pipeline can first travel to Oman, and then onwards to Porbandar in the state of Gujarat.

☐ The pipeline is planned to carry 31.5 million standard cubic meters gas per day and will be built in two years from the date of necessary approvals and a gas sale and purchase agreement (GSPA) being signed.

☐ The subsea pipeline is being seen as an alternative to the on-land, Iran-Pakistan-India pipeline. New Delhi has not been participating in talks on the 1,036-km Iran-Pakistan-India gas pipeline since 2007 citing security and commercial concerns. But it has never officially pulled out of the \$7.6 billion project.

• Benefits of the proposed pipeline:

✓ Presently, liquefied natural gas, or LNG, imported through ships costs about \$7.50 per million British thermal unit. However. natural imported gas through the proposed \$4billion line would cost \$5-5.50 per million British thermal unit at the Indian coast, cheaper than the rate at which some of the

domestic fields supply gas. Therefore, the cost of landed gas through an undersea pipeline will be at least \$2 cheaper than importing LNG, saving about \$1 billion annually.

• About Iran- Pakistan- India (IPI) gas pipeline:

✓ IPI pipeline was envisaged to transport natural gas from South Pars gas field of Iran to Pakistan and India with a carrying capacity of 60 million standard cubic meters per day, to be equally split between India and Pakistan. The total length of the pipeline up to Indian border (near Barmer) was about 2,135 km (1,100 kms within Iran and the rest within the territory Pakistan). As per estimates, investments required for this pipeline were in excess of \$7 billion.

16. NGT paves way for Chardham highway project

• The National Green Tribunal (NGT) has paved the way for the NH-34 stretch of the PMO's ambitious Chardham highway widening project, that will connect Uttarakhand's holy sites, as it disposed of a plea that alleged that the project was violating provisions of Bhagirathi eco-sensitive zone.

- In an undertaking, the Uttarakhand state government and the Border Roads Organisation assured the green court that the project would be carried out with due compliance of laws in force.
- Background: A plea was filed before the NGT. It had raised an alarm about mountain blasting and felling of thousands of trees in the Bhagirathi river valley for widening of National Highway-34. One of the related petitions in the matter also pertained specifically to a nine-km stretch in Bhairon Ghati on the Uttarkashi to Gangotri route. It had said that debris were being dumped into the river valley during the road widening. In fact, during a hearing on May 4, the state government had admitted that BRO dumped muck on the fragile hill slopes.
- Chardham project: In December 2016, Prime Minister Narendra Modi laid the foundation stone for the all-weather Chardham highway project. The project involves developing and widening 900-km of national highways connecting the holy Hindu pilgrimage sites of; Badrinath, Kedarnath, Gangotri, and Yamunotri at an estimated cost of Rs.12,000 crores. The roads will be widened from 12m to 24m and the project will involve construction of tunnels, bypasses, bridges, subways and viaducts.

17. SAIL's retail sales gets boost with SAIL's Gaon ki Ore campaign

- Steel Authority of India Ltd. (SAIL), is running a nation-wide campaign SAIL steel Gaon ki ore which is aimed at boosting steel consumption in country. This has started to reflect positively through the dealer sales numbers, which recorded an 18% jump in the month of August 2017 over CPLY selling 91,000 tonnes of steel in the month. SAIL targets to sell 1 Million Tonnes steel through its dealer network this financial year and aims at doubling it in next three financial years.
- **Background:** SAIL had identified the potential of rural markets for enhancing steel consumption which is currently around 10 kgs per capita per year as against around 150 Kg per capita consumption in Urban India.

• About Gaon ki ore campaign:

- ✓ The Gaon ki ore campaign is designed to familiarize end users at the Grass-root level, especially of rural areas, with innovative usage of SAIL steel and its applications and advantages in construction, household equipment, agriculture etc.
- ✓ Through this nation-wide campaign, SAIL aims to cover more than 100 locations by the end of this year. Through engagement

- activities the audience are informed how using SAIL steel can increase durability, life, safety and longevity of any construction and product.
- ✓ This new age marketing campaign strategically aims to develop a stronger link with consumers through direct engagement. workshops of the campaign are designed to familiarize participants about SAIL's production process, product applications range, advantages and the interactive sessions are conducted in local language for easier connect with audience.

18. Hortinet

- To harness the potential of mobile technology, APEDA has developed a mobile app- Hortinet- to allow farmers to apply on-line to facilitate their farm registration, tracking the status of application & approvals by State Government and Lab sampling by authorized Laboratories.
- This mobile app initiative is expected to increase the accessibility and reach of the Traceability software system among the farmers and other stakeholders.

- About Hortinet: Hortinet is an integrated traceability system developed by **APEDA** for providing Internet based electronic services to the stakeholders for facilitating farm registration, testing and certification of Grape, Pomegranate and Vegetables for export from India to the European compliance Union in with standards.
- This new Mobile app will also assist State Horticulture/Agriculture Department to capture real time details of farmers, farm location, products and details of inspections like date of inspection, name of inspecting directly from field. After registration and approval of farm, farmer gets approval information.

• The key features of the app are:

tracking
☐ Processing and approval on on-line farmer
applications by State Horticulture /Agriculture
department.
☐ Registration of farmers, farms and products by
State Horticulture/Agriculture department
☐ Capture geo location of the farms registered
through the app
☐ Sample collection by APEDA authorized
Laboratories along with geo location of the

☐ Online Farm registration application and status

• **About APEDA:** The Agricultural and Processed Food Products Export Development Authority (APEDA) was established by the Government of India under the

Aspire IAS The name associated with excellence

sample.

Agricultural and Processed Food Products Export Development Authority Act 1985. The Authority replaced the Processed Food Export Promotion Council (PFEPC).

 APEDA is mandated with the responsibility of export promotion and development of the following scheduled products:

 ☐ Meat and Meat Products. ☐ Poultry and Poultry Products. ☐ Dairy Products. ☐ Confectionery, Biscuits and Bakery Products.
☐ Dairy Products.
Confectionery, Biscuits and Bakery Products.
= confectionery, Discuits and Daniery Froducts.
☐ Honey, Jaggery and Sugar Products.
☐ Cocoa and its products, chocolates of all kinds.
☐ Alcoholic and Non-Alcoholic Beverages.
☐ Cereal and Cereal Products.
• Administrative set up:
☐ Chairman – Appointed by the Central
Government.
Government. ☐ Director— Appointed by APEDA.
☐ Director— Appointed by APEDA.
 □ Director– Appointed by APEDA. □ Secretary – Appointed by the Central
☐ Director— Appointed by APEDA. ☐ Secretary — Appointed by the Central Government.

19. 'Saurashtra Narmada Avataran Irrigation Yojana' (SAUNI)

- The President of India, Shri Ram Nath Kovind recently laid the foundation stone of 'Saurashtra Narmada Avataran Irrigation Yojana' (SAUNI) Phase-II Link-4 in Rajkot, Gujarat.
- What is the SAUNI Yojna?
 - ✓ SAUNI stands for Saurashtra Narmada

Avataran Irrigation, a launched project September 2012. SAUNI envisages filling 115 major dams of the arid Saurashtra by diverting region overflowing floodwaters from the Sardar Sarovar Dam across the Narmada in south Gujarat. It involves laying a 1,125-km network of pipelines at a cost of Rs 12,166 crore to carry Narmada water to these dams, and irrigate 4.13 lakh hectares (ha) land. Parts of Saurashtra are prone to drought, and irrigation water is also a politically sensitive issue in region.

- ✓ Unlike traditional irrigation projects, **SAUNI** technically a 'linking' project, where the water will be filled in irrigation dams that are already equipped with canal network. This network of canals will then help channel water into farms.
- ✓ Also, SAUNI project involves making pipe canals instead of the conventional open canals. The pipelines in the SAUNI project are underground, which means that no land needs to be acquired.

Aspire IAS The name associated with excellence

10/70 Old Rajeneder Nagar N.Delhí www.aspíreías.com ©2018 ASPIRE IAS. All rights reserved 8010068998/9999801394

20. Sardar Sarovar Dam

 Prime Minister Narendra Modi has inaugurated world's second biggest dam Sardar Sarovar, 56 years after its foundation stone was laid by former PM Jawaharlal Nehru.

• Key facts:

dam in the world after the Grand Coulee Dam in the United States.

The Sardar Sarovar Dam has two power houses

river bed power house and canal head powerhouse. The two powerhouses have the

☐ Sardar Sarovar project is the second biggest

installed capacity of 1,200 MW and 250 MW respectively.
most controversial development project of the nation. Activists have been long demanding that the filling of the reservoir with water be stopped

immediately. They want the dam gates to be open

to reduce the water level.

As per the arrangement, the power generated from the Sardar Sarovar Dam will be shared among Maharashtra, Madhya Pradesh and Gujarat. About 57% of the electricity produced from the Sardar Sarovar Dam would go to Maharashtra while Madhya Pradesh will get 27%

and Gujarat 16%.

21. <u>India, China jointly oppose tradedistorting agri subsidies</u>

 India and China, in a joint proposal to the World Trade Organization (WTO), have called for elimination of trade distorting agricultural subsidies given by developed countries. The proposal counters the efforts of some WTO member countries that are targeting the subsidies given by the developing

- economies to their poor farmers while letting the developed rich nations retain their huge farm subsidies.
- It is an important proposal by India and China in view of the ongoing negotiations for the ministerial conference of the WTO to be held in Buenos Aires in December.

• What's the issue?

- ✓ India and China have raised objections over developed countries, including the US, the EU and Canada, that ☐ Sardar Sarovar Dam is have thebeen consistently providing trade-distorting subsidies to their farmers at levels much higher than the applicable ceiling to developing countries. In WTO parlance, these subsidies are called as Aggregate Measurement of Support (AMS) or Amber Box support.
 - ✓ The subsidies by developed countries amount to about USD 160 billion. On the other hand, countries like India provide a subsistence amount of about USD 260 per farmer annually. Most of the developing countries, including India and China, not have **AMS** entitlements.
 - ✓ Besides, developed members of the WTO have

access to huge amount of beyond their de **AMS** minimis — the minimal amount of domestic support are allowed though they distort trade up to 5% of the value of production for developed countries, 10% developing. In contrast. most developing members have access only to de minimis resulting in a major asymmetry in the rules on agricultural trade.

• How are subsidies categorised?

The WTO divides subsidies into amber, blue and green box subsidies. Amber box are trade-

distorting subsidies, blue box are subsidies with restrictions designed to reduce distortion and green box subsidies are non-trade distorting subsidies. Direct cash transfers, coupons and subsidies that do not impact production are not considered trade distorting subsidies and categorised as green box.

 Way ahead: Elimination of this support, "India and China believe, should be the starting point of reforms rather than seeking reduction of subsidies by developing countries.

All the Best Jai Hind ©