

ARUL IAS ACADEMY

TNPSC CURRENT AFFAIRS - ENGLISH MARCH-2021



KIERC POLLARD

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IT'S
OUR
GAME.



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1. TAMIL NADU NEWS

Activities which held up in Tamil Nadu during march 2021

VOC Port signs 45 MoUs for Rs. 27,000 crores investment

- The flagship initiative of the Ministry of Ports, Shipping & Waterways, Government of India, and Maritime India Summit-2021 is being organized on a virtual platform from 2nd to 4th March 2021, showcasing the global investment opportunities in the Indian Maritime Sector.

Chennai, Coimbatore 'most liveable' cities in govt's Ease of Living Index

- The Ministry of Housing and Urban Affairs on March 4, 2021, released the Ease of Living Index 2020, which provided a ranking of the cities with a population of more than a million and a population of less than a million.
- In the million-plus cities, Bengaluru, Pune, and Ahmedabad have been ranked as the most livable cities in the country, while in less than a million categories, Shimla followed by Bhubaneshwar, Silvassa, Kakinada has been ranked as the most livable city.
- A total of 111 cities of India were judged in the Ease of Living Index 2020.
- The Ministry also released the 'Municipal Performance Index' under which the New Delhi Municipal Council topped in less than million population category and Indore topped in the million-plus population category.

Top 10 rankings:

Ease of Living Index				
Ranking	Population Million +		Population Less than Million	
	City	Score	City	Score
1	Bengaluru	66.70	Shimla	60.90
2	Pune	66.27	Bhubaneshwar	59.85
3	Ahmedabad	64.87	Silvassa	58.43
4	Chennai	62.61	Kakinada	56.84
5	Surat	61.73	Salem	56.40
6	Navi Mumbai	61.60	Vellore	56.38
7	Coimbatore	59.72	Gandhinagar	56.25
8	Vadodara	59.24	Gurugram	56.00
9	Indore	58.58	Davangere	55.25
10	Greater Mumbai	58.23	Tiruchirapalli	55.24

Municipal Performance Index				
Ranking	Population Million +		Population Less than Million	
	Municipality	Score	Municipality	Score
1	Indore	66.68	New Delhi MC	52.92
2	Surat	60.82	Tirupati	51.69
3	Bhopal	59.04	Gandhinagar	51.59
4	Pimpri Chinchwad	59.00	Karnal	51.39
5	Pune	58.79	Salem	49.04
6	Ahmedabad	57.60	Tiruppur	48.92
7	Raipur	54.98	Bilaspur	47.99
8	Greater Mumbai	54.36	Udaipur	47.77
9	Vishakhapatnam	52.77	Jhansi	47.04
10	Vadodara	52.68	Tirunelveli	47.02

Chola stone inscription found

- A stone inscription of Chola period was found at the backyard of a house at Arunmozhithevanpettai on the outskirts of Thanjavur town.
- The inscription mentioned the name of *Vanavan Moovantha Vellalan*, believed to be an official in Emperor Raja Raja Cholan's administration, which was also found in stone writings unearthed at Karanthattankudi in Thanjavur Corporation limits earlier.

Best paediatric hospital

- Kanchi Kamakoti CHILDS Trust Hospital has been adjudged the best paediatric facility in the country.
- The survey was by the News Week magazine.
- The survey was done in partnership with Statista Inc.
- The survey included hospitals from 25 countries, including the United States of America, the United Kingdom, Germany, Canada and India.



Rajya Sabha Passes “National Institutes of Food Technology Bill, 2019”

- The Rajya Sabha passed the National Institutes of Food Technology, Entrepreneurship and Management Bill, 2019.
- The bill declares two institutes of food technology, entrepreneurship, and management as institutions of national importance.
- These are:
 - ▲ National Institute of Food Technology Entrepreneurship and Management, Haryana
 - ▲ Indian Institute of Food Processing Technology, Tamil Nadu.

Burial urn found in Konthagai

- A burial urn with a damaged lid was unearthed in Konthagai in the Keeladi cluster in Sivaganga district.
- Sources at the Tamil Nadu state archaeology department said that only the surface has been excavated.
- One of the lids is 65cm in height and 50cm in width. This is comparatively big for the lid which may mean that the urn itself may be over four feet in height. The contents of the urn are yet to be revealed.
- The seventh phase of excavation was started in Keeladi on February 13 by the chief minister and work started in Keeladi for the seventh time and in its neighbouring villages of Konthagai, Manalur, and Agaram for the second time.

1940 km in Tamil Nadu Transformation of roads into national highways: Nitin Gadkari

- Union Minister Nitin Gadkari said 235 state highways in Tamil Nadu are 11,175 km long. The 50 National Highways are 6,858 km long.
- In the last three years, 1940 km of roads have been upgraded to national highways and upgraded. The central government has spent up to Rs 8,395 crore in the last three years till the current financial year on its growth.

Tamil Nadu - Highest revenue deficit among poll-bound States

- Tamil Nadu has the highest revenue deficit at ₹65,994 crore, among poll-bound States, according to a report.
- This is as per revised budget estimate for 2020-21.
- In terms of size of the economy, Tamil Nadu's economy is the largest (third largest in India).
- It is followed by West Bengal (sixth), Kerala (11th), Assam (17th) and Puducherry (26th).
- Together, they account for around 20% of India's economy.
- According to the report, Assam has witnessed the highest average economic growth of 8.6% during the four-year period to FY20.



- West Bengal and Puducherry's economy grew on par with the national average.
- With 6.3% Kerala's economic growth was lower than the national average due to the devastating floods of 2018 and 2019.

States' report card
Among the poll bound States/UTs, Assam had the highest average economic growth rate (8.6%) in FY16-20, followed by Tamil Nadu (8%)

State	Average economic growth rate in % (FY16-20)	Inflation for Feb. 2021 (%)	Unemployment rate for Feb. 2021 (%)
Assam	8.6	6.5	3.4
Tamil Nadu	8	7.2	4.8
Puducherry	6.7	8	5.8
West Bengal	6.7	5.3	6.2
Kerala	6.3	4.9	4.3
All India	6.7	5	6.9

Source: CARE Ratings report data sourced from Budget documents, RBI, CMIE, PRS Legislative

Sahitya Akademi Award 2020

- Sahitya Akademi have announced the names for the "Sahitya Akademi Award 2020".
- The award is conferred to the most outstanding books of literary merit.
- It is given for the works published in any 24 major Indian languages.
- The languages include Hindi and other 22 languages of the Eighth Schedule of Constitution along with English.
- Subramaniam have won the award for her poetry collection called "When God is a Traveller" in English.
- Veerappa Moily has been named for his epic poetry called "Sri Bahubali Ahimsa Digvijayam" in Kannada language.
- Tamil writer Imayam won the Sahitya Akademi Award for 2020 for his novel Sellatha Panam.
- He calls himself a writer of the Dravidian movement.
- He is the first writer from 'Nadu Nadu' – Cuddalore, Villupuram and Arcot districts – of Tamil Nadu to win the award.

List of Sahitya Akademi Award winners for Tamil

Year	Recipient	Work	Notes
1955	R. P. Sethu Pillai	Tamil Inbam	A collection of essays
1956	Kalki Krishnamurthy	Alai Osai	A novel
1957	No award		



Year	Recipient	Work	Notes
1958	C. Rajagopalachari	Chakravarti Tirumagan	A retelling of the Ramayana
1959	No award		
1960	No award		
1961	Mu. Varadarajan	Agal Vilakku	A novel
1962	Mi. Pa. Somasundaram	Akkarai Cheemaiyil Aarumathangal	A travelogue
1963	Akilan	Vengaiyin Maindhan	A Historic novel
1964	No award		
1965	P. Sri Acharya	Sri Ramanujar	A biography
1966	Ma. Po. Si.	Vallalar Kanda Orumaippaadu	A biography
1967	K. V. Jagannathan	Virar Ulagam	A Literary criticism
1968	A. Srinivasa Raghavan	Vellai Paravai	A poetry
1969	Bharathidasan	Pisirantaiyar	A play
1970	Ku. Alagirisami	Anbalippu	A collection of short stories
1971	Na. Parthasarathy	Samudaya Veedhi	A novel
1972	D. Jayakanthan	Sila Nerangalil Sila Manithargal	A novel
1973	Rajam Krishnan	Verukku Neer	A novel
1974	K. D. Thirunavukkarasu	Thirukkural Needhi Illakkiyam	A literary criticism
1975	R. Dhandayudham	Tharkkala Tamizh Illakkiyam	A literary criticism
1976	No award		
1977	Indira Parthasarathy	Kuruthip Punal	Novel
1978	Vallikannan	Pudukavithaiyin Thottramum Valarchiyum	Criticism
1979	Thi. Janakiraman	Sakthi Vaithiyam	Short stories
1980	Kannadasan	Cheraman Kadali	Novel
1981	M. Ramalingam	Puthiya Urai Nadai	Criticism
1982	B. S. Ramaiya	Manikkodikalam	Literary history



Year	Recipient	Work	Notes
1983	T. M. Chidambara Ragunathan	Bharathi: Kalamum Karuthum	Literary criticism
1984	Lakshmi Thiripurasundari	Oru Kaveriyai Pola	Novel
1985	A. S. Gnanasambandan	Kamban: Putiya Parvai	Literary criticism
1986	Ka. Naa. Subramaniam	Ilakkiyathukku oru Iyakkam	Literary criticism
1987	Aadhavan Sundaram	Mudalil Iravu Varum	Short stories
1988	V. C. Kulandaiswamy	Vaazhum Valluvam	Literary criticism
1989	La Sa Ra	Chintanadi	Autobiographical Essays
1990	Su. Samuthiram	Veril Pazhutha Pala	Novel
1991	Ki. Rajanarayanan	Gopallapurathu Makkal	Novel
1992	Kovi. Manisekaran	Kutralakurinji	historic novel
1993	M. V. Venkatram	Kathukal	Novel
1994	Ponneelan	Pudhiya Dharsanangal	Novel
1995	Prapanchan	Vanam Vasappadum	Novel
1996	Ashoka Mitran	Appavin Snehidar	Short stories
1997	Thoppil Mohamed Meeran	Chaivu Narkali	Novel
1998	Sa. Kandasamy	Visaranai Commission	Novel
1999	S. Abdul Rahman	Aalapanai	Poetry
2000	Thi. Ka. Sivasankaran	Vimarsanangal Mathippuraikal Pettikal	Literary criticism
2001	C. S. Chellappa	Sutanthira Daagam	Novel
2002	Sirpi Balasubramaniam	Oru Giraamattu Nadi	Poetry
2003	Vairamuthu	Kallikattu Ithikasam	Novel
2004	Tamilanban	Vanakkam Valluva	Poetry
2005	G. Thilakavathi	Kalmaram	A novel
2006	Mu. Metha	Akayathukku Aduthaveedu	Poetry
2007	Neela Padmanabhan	Ilai Uthir Kaalam	A novel
2008	Melanmai Ponnusamy	Minsarapoo	Short story
2009	Puviarasu	Kaioppam	Poetry



Year	Recipient	Work	Notes
2010	Nanjil Nadan	Soodiya Poo Soodarka	A collection of short stories
2011	Su. Venkatesan	Kaval Kottam	A novel
2012	Daniel Selvaraj	Thol	A novel
2013	Joe D Cruz	korkai	A novel
2014	Poomani	Agngnaadi	A novel
2015	A. Madhavan	Ilakkiya suvadugal	A collection of essays
2016	Vannadasan	Oru Siru Isai	Short stories
2017	Inkulab	Kaandhal Naatkal	Poetry
2018	S.Ramakrishnan	Sanjaaram	Novel
2019	Cho.Dharman	Sool	Novel
2020	Imaiyam	Sellaatha Panam	Novel

Sahitya Akademi Award for translation goes to K.V. Jeyasri

- K.V. Jeyasri, a Tamil teacher from Tiruvannamalai, has won the Sahitya Akademi Award 2019 for her translation of the Malayalam novel *Nilam Poothu Malaranna Naal* (The day the land bloomed and blossomed) into Tamil as *Nilam Poothu Malarantha Naal*.
- The novel was written by Malayalam author Manoj Kuroor, and the translated version was published by Vamsi books. This is Ms. Jeyasri's 12th translated work.

Tamil Nadu and Kerala are among the states where students get education loans: Nirmala Sitharaman

- Students are increasingly getting education loans from nationalized banks. In that category, Tamil Nadu has topped the list of states with the highest student credit.
- This survey is for the period up to December 2020. A total of 24,84,397 people across the country have borrowed Rs 89,883 crore.

State	People	In Crores
Tamil Nadu	6,97,066 people	17,193.30
Kerala	3,25,703 people	10,236

- Bihar is the state with the lowest education credit.

2. SPECIAL NEWS

Very important events can be called as special news

Madagascar Prez inaugurates advanced digital cobalt therapy machine Bhabhatron-II donated by India

- Underlining cooperation in the health sector, India has donated an advanced telecobalt machine for cancer treatment, developed by the Bhabha Atomic Research Centre, to the island nation of Madagascar.
- The advanced digital cobalt therapy machine **“Bhabhatron-II”** was inaugurated at the Joseph Ravoahangy Andrianavalona Hospital (HJRA) in Antananarivo, capital of Madagascar by President Andry Rajoelina.
- Kumar said that during the visit of President Ram Nath Kovind to Madagascar in March 2018, it was announced that the Bhabhatron machine would be donated to Madagascar, which is one of the few countries to have received the Bhabhatron-II radio therapy machine from India.

Merger of Lok Sabha-Rajya Sabha TV into Sansad TV finalised

- The merger of the Lok Sabha TV (LSTV) and the Rajya Sabha TV (RSTV) has been finalised and will be replaced by **Sansad TV**.
- Retired IAS officer Ravi Capoor is appointed its Chief Executive Officer.

5 New Species of Shrub Frogs

- Five new species of shrub frogs have been discovered from the Western Ghats by researchers from India and the US.
- Western Ghats are one of the globally recognised biodiversity hotspots.
- The frogs belong to the Old-World tree frog family Rhacophoridae.
- These were discovered by researchers from University of Delhi and Kerala Forest Research Institute and University of Minnesota.
- This research is part of a long comprehensive study on the Shrub frogs (genus Raorchestes) of the Western Ghats, carried out over a period of nearly 10 years.
- The findings are published in PeerJ.
- The five new species are known as,
 - Raorchestes drutaahu,
 - Raorchestes kakkayamensis,
 - Raorchestes keirasabinae,
 - Raorchestes sanjappai,
 - Raorchestes vellikkannan.
- All these species are found in the State of Kerala in southern Western Ghats.



International Year of Millets

- 'International Year of Millets 2023'
- United Nations has unanimously declared 2023 as the International Year of Millets.
- This was initiated by India with Bangladesh, Kenya, Nepal, Nigeria, Russia and Senegal and was co-sponsored by over 70 nations.

China gives green light for first downstream dams on Brahmaputra



- A draft of **China's new Five-Year Plan (2021-2025)**, which is set to be formally approved has given the green light for the **first dams to be built on the lower reaches of Yarlung Zangbo River**, as the Brahmaputra is known in Tibet, before it flows into India.
- The draft outline of the **new Five-Year Plan (FYP) for 2025** and long range objectives through the year **2035**, submitted before the **National People's Congress (NPC)**.
- The lower reaches refer to the sections of the river in Tibet before it flows into India.
- The high importance given to building dams on the "lower reaches" of the **Yarlung Zangbo** is underlined in the plan, where it is also mentioned on page 38 of the document among significant planned investments in infrastructure that serve major national strategies.
- The project is also listed along with the **Sichuan-Tibet railway** and the **national water network**.
- In 2015 China operationalized its **first hydropower project at Zangmu in Tibet**, while three other dams at **Dagu, Jiexu and Jiacha** are being developed, all on the upper and middle reaches of the river.

Gloves to be given to all voters at polling booths

- The district administration, as per the Election Commission of India guidelines, would distribute glove to all voters at polling station, Collector K. Rajamani.
- In Tamil Nadu, the number of voters in total is 6 crore and the number of offices involved in Total is 4 lakh. Its description:

Voters:

- Men : 3,08,38,473
- Women : 3,18,28,727
- Third sex : 7,246
- **Total** : **6,26,74,446**
- Gardening jobs : 4, 79,892
- Polling Stations : 88,937
- Counting Centers : 76
- Surveillance Public Observers : 150
- Law-and-order observers : 40
- Expenditure Observers : 118
- A visitor to Kanyakumari.
- Report complaints ... 1950 and 1800 4252 1950. (both toll free numbers)

Biggest floating solar power plant

- India's largest floating solar power plant is expected to be commissioned at Ramagundam in Peddapalli district of Telangana.
- It belongs to the National Thermal Power Corporation.
- The Capacity of the power plant at Ramagundam is 100 MW.
- Apart from this, the NTPC corporation is setting up 92 MW floating unit at Kayamkulam gas plant in Kerala and a 25 MW unit at Simhadri power plant in Visakhapatnam.

About NTPC

- NTPC Limited is an Indian Public Sector Undertaking, engaged in the business of generation of electricity and allied activities.
- It is a company incorporated under the Companies Act 1956 and is promoted by the Government of India.
- The headquarters of the company is situated at New Delhi.
- It is the largest power company in India.



India not part of Russian meet on Afghanistan

- Close on the heels of U.S. plans for a United Nations regional conference on Afghanistan, **Russia has announced it will hold a conference of special envoys from the U.S., China, and Pakistan**, along with representatives of the Afghanistan government, Taliban and other senior Afghan leaders.
- Unlike the UN-led formulation, however, **India has not been invited** to the Russian conference, officials confirmed, adding that Moscow has kept New Delhi apprised of the **two-year old "Troika" process** involving consultations between the **US, Russia and China**.

DATA BYTE

DATA BYTE		
Measure of popularity		
The table shows the top 10 candidates who won by securing the highest vote shares in their constituencies. The analysis includes data from Assembly elections since 1967		
Candidate	Constituency	*Vote share
P. Vijayaraghavan	Killiyoor (1977)	79.2
M. Karunanidhi	Chepauk (1996)	77.05
C. Kulandaivelu	Kolathur (1991)	76.51
Gandhirajan S.	Vedasandur (1991)	76.47
Chinnasamy K.	Sendamangalam (1991)	76.19
P.N. Vallarasu	Usilampatti (1996)	76.18
Arivalagan A.	Krishnarayapuram (1991)	76.04
P.K. Mookiah Thevar	Usilampatti (1971)	74.46
Thirugnanam P.R.	Yercaud (1984)	74.4
Selvaganapathi T.M.	Tiruchengode (1991)	74.1
Source: Election Commission of India		*(in %)

Supreme Court steps in to protect Great Indian Bustard

- The Supreme Court has intervened on the issue of the Great Indian Bustards falling dead after colliding with power lines running through their diminishing natural habitats in Gujarat and Rajasthan.

Great Indian Bustard:

- The Great Indian Bustard (*Ardeotis nigriceps*) is a bustard native to the Indian subcontinent.
- Bustards are large terrestrial birds found in dry grasslands and steppe regions.
- It is among the heaviest of flying birds in existence.
- It is listed as critically endangered in the IUCN Red List.

Medical Termination of Pregnancy Bill, 2020

- The bill seeks to amend the Medical Termination of Pregnancy Act, 1971.
- It provides for enhancing the upper gestation limit from 20 to 24 weeks for special categories of women.
- But this does not specify the category.
- Currently, abortion requires the opinion of one doctor if it is done within 12 weeks of conception and two doctors if it is done between 12 and 20 weeks.
- The bill allows abortion to be done on the advice of one doctor up to 20 weeks, and two doctors in the case of certain categories of women between 20 and 24 weeks.
- The bill also ensures that women get access to safe and legal abortion services on therapeutic, eugenic, humanitarian grounds.

Time since conception	Requirement for terminating pregnancy	
	MTP Act , 1971	MTP (Amendment) Bill, 2020
Up to 12 weeks	Advice of one doctor	Advice of one doctor
12 to 20 weeks	Advice of two doctors	Advice of one doctor
20 to 24 weeks	Not allowed	Two doctors for some categories of pregnant women
More than 24 weeks	Not allowed	Medical Board in case of substantial foetal abnormality
Any time during the pregnancy	One doctor, if immediately necessary to save pregnant woman's life	

India, United States resolve to intensify defence cooperation

- Talks between Indian Defence Minister Rajnath Singh and the visiting U.S. Secretary of Defense General Lloyd James Austin III (retd).

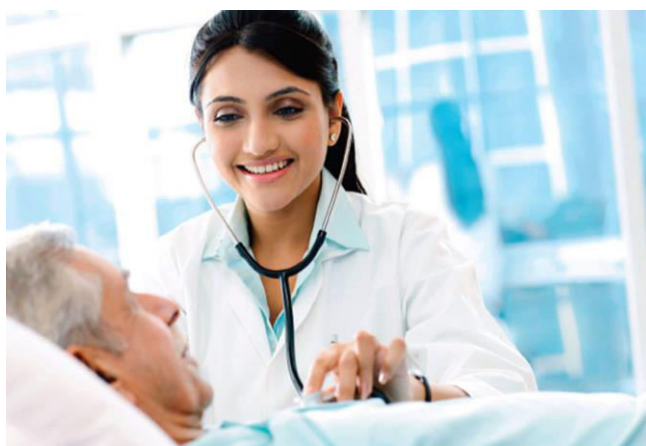


India- U.S. defence co-operation:

- India and the U.S. have been involved in a number of **bilateral and multilateral military exercises**.
- The **foundational agreements, LEMOA, COMCASA and BECA** have also been signed between India and the U.S.
- Recently the Leaders' Summit of India, U.S., Japan and Australia was held under the **Quadrilateral Framework**.
- India resolved to intensify **defence cooperation with the U.S. Central Command in Florida and with the U.S. Commands in the Indo-Pacific region and Africa**.
- The U.S. Secretary of Defense described the partnership with India as a **"central pillar"** of the American policy for the Indo-Pacific.
- Lloyd Austin, who is on a three-day visit to India, met Rajnath Singh and External Affairs Minister S. Jayasinghe in Delhi.
- The United States has reportedly decided to provide India with state-of-the-art technical assistance to enforce international law in the Indo-Pacific region. It is also seen as a US move against Chinese domination.
- The meeting also discussed the purchase of 114 unmanned aerial vehicles and 114 fighter jets from the United States.
- At the same time, the ministry is likely to ask Austin to drop India's decision to buy S-400 air defense equipment from Russia.

Notify health policy for rare diseases by March 31, set up R&D body: Delhi HC to Centre

- The Delhi High Court asked the Centre to finalise and notify the National Health Policy for Rare Diseases by March 31, and directed it to set up a **National Consortium for Research, Development and Therapeutics (NCRDT)** for such ailments.
- It also asked the government to consider increasing the budget for rare diseases for the upcoming financial year 2021-22 and said the policy should deal with giving financial incentives for manufacturing drugs and contributing towards treatment of rare diseases.



Poshan Abhiyan for the Elderly

Social Justice Ministry to launch "Poshan Abhiyan" for the Elderly

Ministry of Social Justice and Empowerment aims to launch 'Poshan Abhiyan' for the Elderly to provide them 'nutrition support'. Under the mission, supports will be provided to indigent elders who are not staying in Old Age Homes and are victims of malnutrition.

Mission will focus on procuring healthy food material which are available locally to serve hot-cooked mid-day meals. Scheme will be implemented by "Gram Panchayats and Urban Municipalities". 'Senior Citizens Welfare Fund' will be utilized to fund & implement the mission.

POSHAN Abhiyaan
PM's Overarching Scheme for Holistic Nourishment

सही पोषण - देश रोशन

- The Ministry of Social Justice and Empowerment aims to launch 'Poshan Abhiyan' for the Elderly to provide them 'nutrition support'.
- Under the mission, supports will be provided to indigent elders who are not staying in Old Age Homes and are victims of malnutrition.
- The Mission will focus on procuring healthy food material which are available locally to serve hot-cooked mid-day meals.
- The Scheme will be implemented by "Gram Panchayats and Urban Municipalities".
- 'Senior Citizens Welfare Fund' will be utilized to fund & implement the mission.

Miscarriage bereavement leave law



- The Parliament of New Zealand passed the 'Miscarriage bereavement leave law'.
- This legislation provides mothers and their partners a "right to paid leave" after a miscarriage or stillbirth.
- New Zealand has become the second country, following India, across the world to pass such a legislation.
- It provides the employees three days leave after a pregnancy ends with a stillbirth.

Only 5.4% of houses under Centre's flagship scheme reached completion so far this year

Brick by brick | Of 2.28 crore houses to be built for the rural poor under the Pradhan Mantri Awas Yojana, less than 1.27 crore had been completed by January 28, 2021, according to a Parliamentary Standing Committee's report. Another 61 lakh are under construction.

Year	PMAY-G target	Houses built
FY17	42,64,470	2,115
FY18	31,70,117	38,16,081
FY19	25,14,493	44,72,476
FY20	59,76,635	21,28,873
FY21	63,76,580	22,78,087
Total	2,28,22,379	1,26,95,517

▪ States such as Assam, Chhattisgarh and Karnataka did not see even a single house, sanctioned in FY21, get completed

- Less than 6% of houses sanctioned under the Centre's flagship rural housing scheme in 2020-21 have reached completion so far this year, with COVID-19 stalling progress, the Rural Development Ministry told a Parliamentary Standing Committee last month. However, some States such as Odisha and Jharkhand used the scheme to provide employment opportunities for migrant workers who returned to their villages during the crisis.
- The **PMAY-G (Pradhan Mantri Awas Yojana - Gramin)** was launched in April 2016 and aims to provide a pucca house with basic amenities to all rural families who are homeless or living in kutchha or dilapidated houses by the end of March 2022.

Rare Marathi films make way to NFAI vaults

- In a major acquisition of vernacular cinema classics, the vaults of the city-based National Film Archive of India (NFAI) have added 89 film prints, a significant number of them from the 'Golden Age' of Marathi cinema.
- The highlight of this collection is two rare Marathi films - the historical *Tai Teleen* (1953) and *Pavanakathcha Dhondi* (1966) which were considered to be hitherto lost, informed Prakash Magdum, Director, NFAI.
- *Tai Teleen*, directed by K.P. Bhave, starred renowned artistes like Shanta Apte, Sudha Apte, Nalini Borkar and Zuzarrao Pawar, while *Pavanakathcha Dhondi*, directed by Anant Thakur had bagged the 'Best Marathi Film' at the 1966 National Film awards.

New Butterfly species in Western Ghats



- This is the first time that a butterfly species was discovered by an all-Indian research team from the Western Ghats.
- A new taxon of Lycaenid butterfly has been discovered by researchers in the Western Ghats.
- The taxon belongs to **Nacaduba genus**.
- The name of the butterfly species was suggested as Ramaswami's Six Line blue and '**Ceylon Varayanneeli**'.

ARUL IAS ACADEMY

3. IMPORTANT EVENTS

Events like awards, celebrations, etc...

SASTRA awards presented

- SASTRA - G. N. Ramachandran Award was presented to Ajay Kumar Ghatak, formerly Professor at Indian Institute of Technology Delhi
- The SASTRA -Obaid Siddiqi Award to Dr. Gitanjali Yadav of National Institute of Plant Genome Research, New Delhi
- SASTRA - C N R Rao award for Chemistry and Materials Science for the year 2021 to A. K. Ganguli of Indian Institute of Technology, Delhi, and G. Mugesh of Indian Institute of Science, Bangalore.

Lok Sabha gives approval for “National Capital Territory Bill”

- Lok Sabha passes the National Capital Territory of Delhi Laws (Special Provisions) Second (Amendment) Bill, 2020.

National Capital Territory of Delhi Laws Second (Amendment) Bill, 2020:

- The bill amends the National Capital Territory of Delhi Laws (Special Provisions) Second Act, 2011. The 2011 Act was valid till 31st December 2020. The Bill seeks to extend this deadline till the end of December 2023.
- The bill seeks to regularise unauthorized colonies based on 2 qualifications: that existed in the National Capital Territory of Delhi as of June 1, 2014 and that had seen development up to 50% as of January 1, 2015.
- It also provides protection to certain forms of unauthorized developments in Delhi from punitive action where adequate measures are yet to be taken.

BBC awards

- Kerala-based long jumper and Olympian Anju Bobby George have bagged the BBC lifetime achievement award for best athlete in India.
- Anju Bobby George is a native of Changanassery in Kottayam of Kerala.
- Anju bagged a bronze medal by clearing 6.70 m in the long jump at the World Athletic Championship 2003 in Paris.
- She is the first Indian athlete ever to win a medal in the world athletics championship.
- Chess champion Grandmaster Koneru Humpy bagged the BBC Indian Sportswoman of the year 2021 award.
- The Shooting star Manu Bhaker won the BBC’s emerging player of the year award.
- In 2020, BBC honoured Olympian PT Usha from Kerala with the lifetime achievement award.

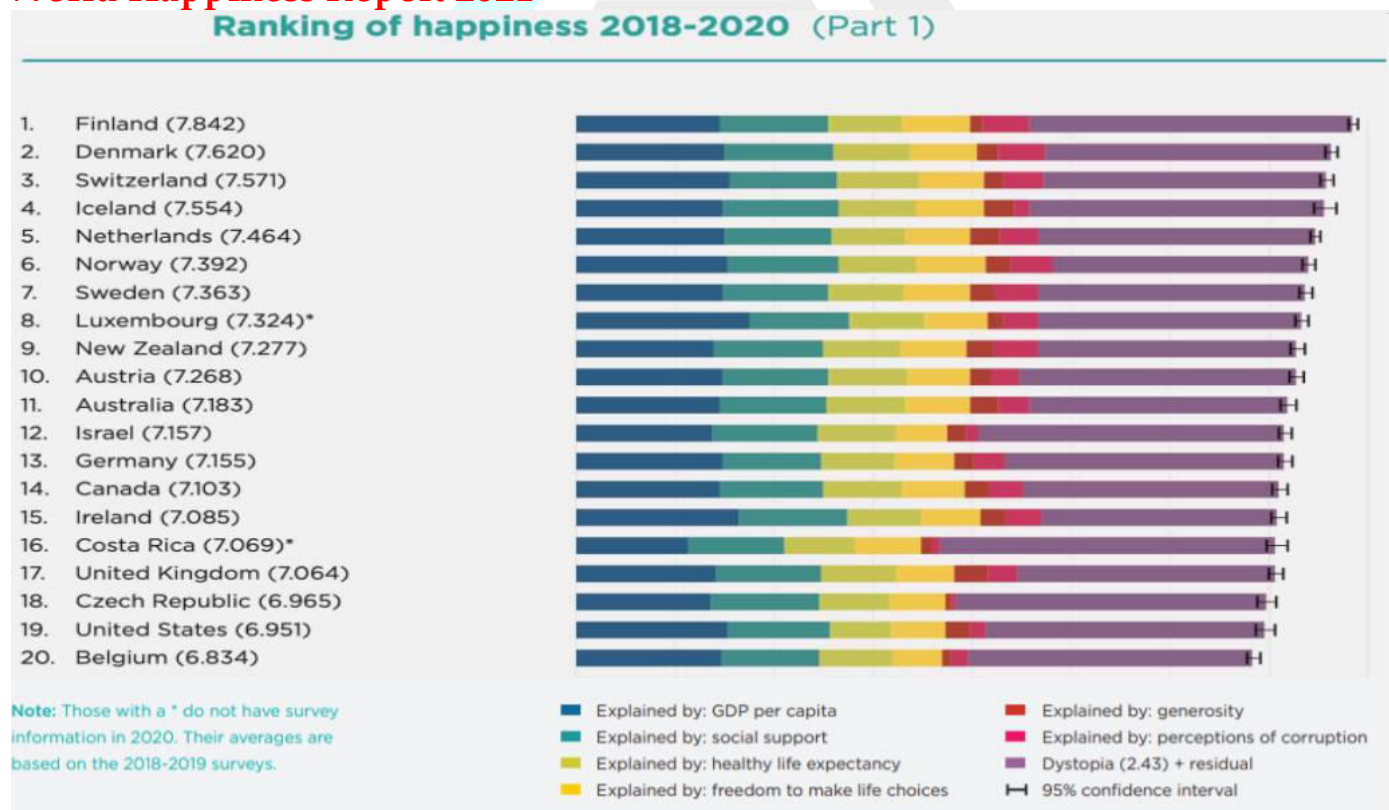
King Bhumipol world soil day 2020 award

- Bhopal-based Indian Institute of Soil Science of the India Council of Agricultural Research (ICAR) has been awarded the prestigious King Bhumibol World Soil Day 2020 Award.
- The award was conferred by the Food and Agriculture Organization (FAO), Rome.
- The prestigious global award was conferred to the ICAR for its commitment to raising awareness of the importance of healthy soils.

Poshan Pakhwada 2021

- The Ministry of Women and Child Development is celebrating the Poshan Pakhwada from March 16 to March 31, 2021.
- The Department of Women & Child Development or the Social Welfare Department will be the nodal department to look after the Poshan Pakhwada.
- It is celebrated across the states and Union Territories.
- The key focus areas of the Pakhwada are to address the nutritional challenges using the Food Forestry and to organize the Poshan Panchayats.
- Under this the National Medicinal Plants Board (NMPB) working under the Ministry of AYUSH, will distribute 4 samplings of the nutritional rich plants to each of the Anganwadi Centres.

World Happiness Report 2021

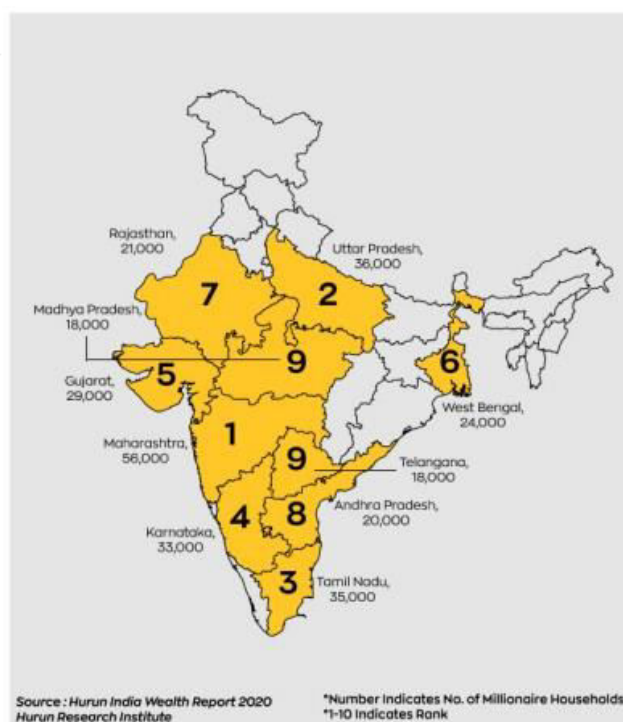




- It has been released by the UN Sustainable Development Solutions Network.
- It ranks 149 countries by how happy their citizens perceive.
- Finland was once again crowned as the world's happiest country for the fourth consecutive year.
- It is followed by Iceland, Denmark, Switzerland, The Netherlands, Sweden, Germany and Norway.
- India has been ranked 139 out of 149 countries.
- In 2019, India was ranked 140th.
- Among India's neighbouring countries, Pakistan ranked 105th, China 84th, Sri Lanka 129th and Bangladesh 101st.
- People in war-torn Afghanistan are the most unhappy with their lives.
- It is followed by Zimbabwe (148), Rwanda (147), Botswana (146) and Lesotho (145).

Hurun India Wealth Report 2020

- It has identified a novel household category in India – the 'New Middle Class' – with an average savings of Rs 20-lakh per annum.
- India is home to 4.12-lakh dollar-millionaire households.
- At 4,593, India is fourth after US, China, Germany in the globe in the Ultra high net worth individuals' category.
- Maharashtra (56,000), Uttar Pradesh (36,000), Tamil Nadu (35,000), Karnataka (33,000) and Gujarat (29,000) account for 46 per cent of the total millionaire households.
- City-wise, Mumbai is home to most millionaires (16,933), followed by Delhi (16,000), Kolkata (10,000), Bengaluru (7,582) and Chennai (4,685).



National Awards 2021

Feature Films

Golden Lotus Awards

Award	Film	Language	Awardee(s)
Best Feature Film	<i>Marakkar: Arabikadalinte Simham</i>	Malayalam	Producer: Antony Perumbavoor Director: Priyadarshan
Best Direction	<i>Bahattar Hoorain</i>	Hindi	Sanjay Puri Singh Chauhan
Best Debut Film of a Director	<i>Helen</i>	Malayalam	Producer: Vineeth Sreenivasan Director: Mathukutty Xavier
Best Popular Film Providing Wholesome Entertainment	<i>Maharshi</i>	Telugu	Producer: • Sri Venkateswara Creations • Vyjayanthi Movies • PVP Cinema Director: Vamshi Paidipally
Best Children's Film	<i>Kastoori</i>	Hindi	Producer: Insight Films Director: Vinod Uttreshwar Kamble

Silver Lotus Award

Award	Film	Language	Awardee(s)
Best Feature Film on National Integration	<i>Taj Mahal</i>	Marathi	Producer: Tuline Studios Pvt. Ltd. Director: Niyaz Mujawar
Best Film on Other Social Issues	<i>Anandi Gopal</i>	Marathi	Producer: • Essel Vision Productions Ltd. • Freshlime Films LLP • Namah Pictures Pvt. Ltd. Director: Sameer Vidwans
Best Film on Environment Conservation/Preservation	<i>Water Burial</i>	Monpa	Producer: Faruque Iftikar Laskar Director: Shantanu Sen
Best Actor	<i>Bhonsle</i>	Hindi	Manoj Bajpayee
	<i>Asuran</i>	Tamil	Dhanush
Best Actress	• <i>Manikarnika: The Queen of Jhansi</i>	Hindi	Kangana Ranaut



	• <i>Panga</i>		
Best Supporting Actor	<i>Super Deluxe</i>	Tamil	Vijay Sethupathi
Best Supporting Actress	<i>The Tashkent Files</i>	Hindi	Pallavi Joshi
Best Child Artist	<i>KD</i>	Tamil	Naga Vishal
Best Male Playback Singer	<i>Kesari</i> (For the song "Teri Mitti")	Hindi	B Praak
Best Female Playback Singer	<i>Bardo</i> (For the song "Raan Petala")	Marathi	Savani Ravindra
Best Cinematography	<i>Jallikattu</i>	Malayalam	Girish Gangadharan
Best Screenplay • Screenplay Writer (Original)	<i>Jyeshthoputro</i>	Bengali	Kaushik Ganguly
Best Screenplay • Screenplay Writer (Adapted)	<i>Gumnaami</i>	Bengali	Srijit Mukherji
Best Screenplay • Dialogues	<i>The Tashkent Files</i>	Hindi	Vivek Ranjan Agnihotri
Best Audiography • Location Sound Recordist	<i>Iewduh</i>	Khasi	Debajit Gayan
Best Audiography • Sound Designer	<i>Trijya</i>	Marathi	Mandar Kamalapurkar
Best Audiography • Re-recordist of the Final Mixed Track	<i>Oththa Seruppu Size 7</i>	Tamil	Resul Pookutty
Best Editing	<i>Jersey</i>	Telugu	Naveen Nooli
Best Production Design	<i>Anandi Gopal</i>	Marathi	• Sunil Nigwekar • Nilesh Wagh
Best Costume Design	<i>Marakkar: Arabikadalinte Simham</i>	Malayalam	• Sujith Sudhakaran • V. Sai
Best Make-up Artist	<i>Helen</i>	Malayalam	Ranjith
Best Music Direction • Songs	<i>Viswasam</i>	Tamil	D. Imman
Best Music Direction • Background Score	<i>Jyeshthoputro</i>	Bengali	Prabuddha Banerjee
Best Lyrics	<i>Kolaambi</i> (For the song "Arodum Parayuka Vayya")	Malayalam	Prabha Varma
Best Special Effects	<i>Marakkar: Arabikadalinte Simham</i>	Malayalam	Siddharth Priyadarshan
Best Choreography	<i>Maharshi</i>	Telugu	Raju Sundaram
Best Stunt Choreographer	<i>Avane Srimannarayana</i>	Kannada	Vikram More
Special Jury Award	<i>Oththa Seruppu Size 7</i>	Tamil	R. Parthiban



Special Mention	<i>Biriyaani</i>	Malayalam	Sajin Babu (Director)
	<i>Jonaki Porua</i>	Assamese	Benjamin Diamary (Actor)
	<i>Lata Bhagwan Kare</i>	Marathi	Lata Kare (Actress)
	<i>Picasso</i>	Marathi	Abhijeet Mohan Warang (Director)

Regional awards

Award	Film	Awardee(s)	
		Producer	Director
Best Feature Film in Assamese	<i>Ronuwa - Who Never Surrender</i>	Bornali Creative Vision Entertainment	Chandra Mudoi
Best Feature Film in Bengali	<i>Gumnaami</i>	SVF Entertainment Pvt. Ltd.	Srijit Mukherji
Best Feature Film in Hindi	<i>Chhichhore</i>	<ul style="list-style-type: none"> Nadiawala Grandsons Entertainment Pvt. Ltd. Fox Star Studios 	Nitesh Tiwari
Best Feature Film in Kannada	<i>Akshi</i>	Kalaadegula Studio	Manoj Kumar
Best Feature Film in Konkani	<i>Kaajro</i>	de Goan Studio	Nitin Bhaskar
Best Feature Film in Malayalam	<i>Kalla Nottam</i>	First Print Studios	Rahul Riji Nair
Best Feature Film in Manipuri	<i>Eigi Kona</i>	Luwang Apokpa Mamikol Production	<ul style="list-style-type: none"> Bobby Wahengham Maipaksana Haorongbam
Best Feature Film in Odia	<i>Sala Budhar Badla</i>	New Generation Films	Sabyasachi Mohapatra
	<i>Kalira Atita</i>	Eleanor Images Pvt. Ltd.	Nil Madhab Panda
Best Feature Film in Marathi	<i>Bardo</i>	Ritu Films Cut LLP	Bhimrao Mude
Best Feature Film in Punjabi	<i>Rabb Da Radio 2</i>	Vehli Janta Films	Sharandeep Singh
Best Feature Film in Tamil	<i>Asuran</i>	V Creations	Vetri Maran
Best Feature Film in Telugu	<i>Jersey</i>	Sithara Entertainments	Gowtam Tinnanuri

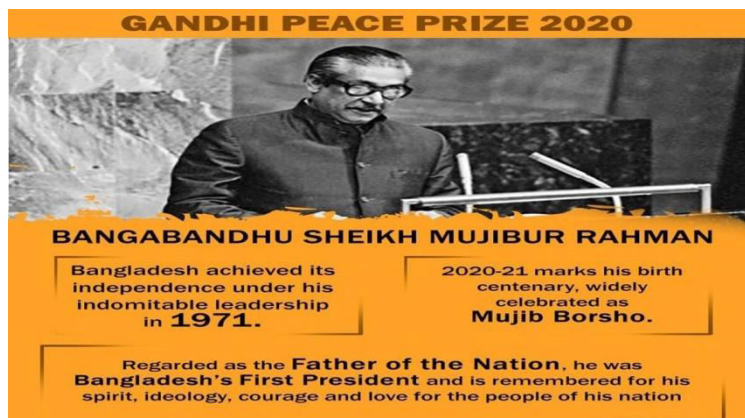
Best Feature Film in Each of the Language Other Than Those Specified In the Schedule VIII of the Constitution

Award	Film	Awardee(s)	
		Producer	Director
Best Feature Film in Chhattisgarhi	<i>Bhulan the Maze</i>	Swapnil Film Productions	Manoj Verma
Best Feature Film in Haryanvi	<i>Chhoriyan Chhoron Se Kam Nahi Hoti</i>	<ul style="list-style-type: none"> Essel Vision Productions Limited Satish Kaushik Entertainment 	Rajesh Amar Lal Babbar
Best Feature Film in Khasi	<i>Iewduh</i>	Shiven Arts	Pradip Kurbah
Best Feature Film in Mishing	<i>Anu Ruwad</i>	Obonori Pictures	Dilip Kumar Doley
Best Feature Film in Paniya	<i>Kenjira</i>	Neru Films	Manoj Kana
Best Feature Film in Tulu	<i>Pingara</i>	DMR Productions	R. Preetham Shetty

Non-Feature Film Awards

<p>Best Voice-over/ Narration: Sir David Attenborough for <i>Wild Karnataka</i> (English)</p> <p>Best Music Direction: Bishakhjyoti for <i>Kranti Darshi Guruji - Ahead of Times</i> (Hindi)</p> <p>Best Editing: Arjun Gourisaria for <i>Shut Up Sona</i> (Hindi/ English)</p> <p>Best Audiography: <i>Radha</i> (Musical), Allwin Rego and Sanjay Maurya</p> <p>Best On-Location Sound Recordist: <i>Rahas</i> (Hindi), Saptarshi Sarkar</p> <p>Best Cinematography: Savita Singh for <i>Sonsi</i> (Hindi)</p> <p>Best Direction: Sudhanshu Saria for <i>Knock Knock Knock</i> (English/ Bengali)</p> <p>Best Film on Family Values: <i>Oru Paathira Swapnam Pole</i> (Malayalam)</p> <p>Best Short Fiction Film: <i>Custody</i> (Hindi/ English)</p> <p>Special Jury Award: <i>Small Scale Societies</i> (English)</p> <p>Best Animation Film: <i>Radha</i> (Musical)</p> <p>Best Investigative Film: <i>Jakkal</i> (Marathi)</p> <p>Best Exploration Film: <i>Wild Karnataka</i> (English)</p>	<p>Best Educational Film: <i>Apples and Oranges</i> (English)</p> <p>Best Film on Social Issues: <i>Holy Rights</i> (Hindi) and <i>Ladli</i> (Hindi)</p> <p>Best Environment Film: <i>The Stork Saviours</i> (Hindi)</p> <p>Best Promotional Film: <i>The Shower</i> (Hindi)</p> <p>Best Arts and Culture Film: <i>Shrikshetra-Ru-Sahijata</i> (Odia)</p> <p>Best Biographical Film: <i>Elephants Do Remember</i> (English)</p> <p>Best Ethnographic Film: <i>Charan-Atva The Essence of Being a Nomad</i> (Gujarati)</p> <p>Best Debut Non-Feature Film of a Director: Raj Pritam More for <i>Khisa</i> (Marathi)</p> <p>Best Non-Feature Film: <i>An Engineered Dream</i> (Hindi)</p>
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Gandhi Peace Prize



- The Ministry of the culture of the government of India has conferred the Gandhi Peace Prize for the year 2020 on the Bangabandhu Sheikh Mujibur Rahman.
- The prize for the year 2019 was conferred on Sultan Qaboos bin Said Al Said of Oman.
- Sheikh Mujibur Rahman was the first President and also became the Prime Minister of Bangladesh, later.
- He is called as the “Father of the Nation” or “Mujib”.
- He was assassinated on August 15, 1975.
- It is an International Gandhi Peace Prize given by the Government of India.
- This award was launched in the year 1995 on the occasion of the 125th anniversary of Mohandas Gandhi.
- The award is open to all the persons regardless of their race, nationality, gender or creed.

Recipients

Sl no	Year	Recipient	Country	Description
1	1995	Julius Nyerere	Tanzania	Julius Kambarage Nyerere was a Tanzanian politician who served as the leader of Tanzania, and previously Tanganyika, from 1960 until his retirement in 1985.
2	1996	A. T. Ariyaratne	Sri Lanka	Founder of Sarvodaya Shramadana Movement
3	1997	Gerhard Fischer	Germany	German diplomat, recognised for his work against leprosy and polio
4	1998	Ramakrishna Mission	India	Founded by Swami Vivekananda for promoting social welfare, tolerance, and non-violence among disadvantaged groups
5	1999	Baba Amte	India	Social worker, known particularly for his work for the rehabilitation and empowerment of poor people suffering from leprosy
6	2000	Nelson	South Africa	Former President of South Africa



Sl no	Year	Recipient	Country	Description
		Mandela		
	2000	Grameen Bank	Bangladesh	Founded by Muhammad Yunus
7	2001	John Hume	United Kingdom	Northern Irish Politician and major figure in the Northern Ireland peace process
8	2002	Bharatiya Vidya Bhavan	India	Educational trust that emphasises Indian culture
9	2003	Václav Havel	Czech Republic	Last President of Czechoslovakia and first President of the Czech Republic
10	2004	Coretta Scott King	United States	Activist and civil rights leader.
11	2005	Desmond Tutu	South Africa	South African cleric and activist. He was South African social rights activist and retired Anglican bishop who rose to worldwide fame during the 1980s as an opponent of apartheid.
12	2013	Chandi Prasad Bhatt	India	Environmentalist, social activist and pioneer of the Chipko movement. Founded Dasholi Gram Swarajya Sangh (DGSS)
13	2014	ISRO	India	Space agency of the Indian Govt. Objective is to advance space technology and deliver the applications of it
14	2015	Vivekananda Kendra	India	A Hindu spiritual organisation based on the principles preached by Swami Vivekananda
	2016	Akshaya Patra Foundation	India	A non-profit organisation in India that runs school lunch programme across India
15	2016	Sulabh International	India	A social service organization that works to promote human rights, environmental sanitation, non-conventional sources of energy, waste management and social reforms through education.
16	2017	Ekal Abhiyan Trust	India	Contribution in providing Education for Rural and Tribal Children in remote areas pan India, Rural Empowerment, Gender and Social Equality.
17	2018	Yōhei Sasakawa	Japan	For his contribution in Leprosy Eradication in India and across the world.
18	2019	Qaboos bin Said Al Said	Oman	For contributions for social, economic and political transformation through non-violent and other Gandhian methods.
19	2020	Sheikh Mujibur Rahman	Bangladesh	For his contributions towards social, economic and political transformation through non-violent and other Gandhian methods.

Indus water panel holds meeting

- After a gap of more than two and half years Indian and Pakistani delegations they began the 116th Meeting of the Permanent Indus Commission.
- The meeting which coincided with the National Day of Pakistan is being viewed as part of the broader process of normalisation of bilateral ties between the two neighbours.
- The last meeting of the Permanent Indus Commission was held on August 29, 2018.

ThinkEdu Conclave 2021

- The five-day National Education Conference ('ThinkEdu') on behalf of The New Indian Express Group is about to launch online.
- The conference has been held eight times so far.

SERB Women Excellence Award

- Hyderabad based National Institute of Animal Biotechnology (NIAB) scientist Sonu Gandhi won the SERB Women Excellence Award.
- She recently developed a smart nanodevice for the detection of Rheumatoid arthritis (RA), cardiovascular disease (CVD), and Japanese encephalitis (JE).
- The award was instituted by the Science and Engineering Research Board (SERB), Department of Science and Technology (DST)
- It recognizes and rewards outstanding research achievements of young women scientists in Science and Engineering.

National Biopharma Mission

- The Department of Biotechnology (DBT) has initiated cabinet approved National Biopharma Mission.
- The mission is with the objective of strengthening emerging biotechnology enterprise across India.
- The National Biopharma mission was launched to support small and medium enterprises in order for them to overcome the risks associated with early stages of development of products.
- It promotes entrepreneurship by supporting enhanced industry-academia inter-linkages.
- It also provides mentoring & training for academia, innovators and entrepreneurs.

World Summit on Information Society Forum 2021

- The World Summit on the Information Society (WSIS) Forum 2021 represents one of the world's largest annual gatherings of the 'ICT for development' community.
- It is co-organized by International Telecommunications Union (ITU), UNESCO, UNDP and UNCTAD.
- The telecom minister mentioned that under the flagship program BharatNet, nearly 6,00,000 villages are being connected through laying of more than 4,00,000 Km length of optical fiber cable and use of satellite communication services.
- Through submarine cable networks small and remote islands of Andaman & Nicobar and Lakshadweep and other inaccessible areas are being connected with funding from Government.



ARUL IAS ACADEMY

4. PERSON IN NEWS

Persons whom occurred in news

'Ambani tops Indian billionaire list with \$83 billion'

- The Hurun Global Rich List 2021 said Indian businessman Mukesh Ambani is now the 8th wealthiest man in the world.
- Tesla CEO Elon Musk topped the list after adding a massive \$151 billion during the year to take his net worth to \$197 billion. Amazon's boss Jeff Bezos ranked second with \$189 billion in net worth.

Film Inspired by Narendra Modi Soon

- The shooting of a film based on the life and vision of Prime Minister Narendra Modi featuring Gajendra Chauhan of 'Mahabharata' fame in the lead role will begin soon.
- Its director Milan Bhowmik told PTI that 'Ek Aur Naren' will have two strands in its story - one dealing with the life and work of Swami Vivekanada who was born Narendranath Dutta and the other projecting the vision of Narendra Modi.

APJ Abdul Kalam's brother Mohammed Muthu Meeran dies at 104

- Former President, the late APJ Abdul Kalam's elder brother Mohammed Muthu Meeran Maraickayar died.
- **Maraickayar (104) died of old age.**

Tamil scholar RM Sundaram passes away



- Renowned Tamil scholar RM Sundaram (83) passed away at his house in Chelliah Nagar. Sundaram has worked in Annamalai University and Tamil University and also taught Tamil in University of Warsaw in Poland. He retired as the Head of the Scientific Tamil department of Tamil University.
- The scholar has authored many books including for National Book Trust (NBT), Sahitya Akademi. He has translated the book "Languages and nations: the Dravidian proof in colonial Madras" by Thomas R Trautmann into Tamil. He has coordinated the efforts of bringing out textbooks for Medicine and Engineering courses in Tamil. He is survived by three sons and a daughter.

John Magufuli: Tanzania's president dies aged 61



- He was officially pronounced dead at 6pm on the 17th due to sudden heart failure.
- Born in Chato, north-west Tanzania, in 1959
- Studied chemistry and maths at the University of Dar es Salaam
- Worked as a chemistry and maths teacher
- First elected as an MP in 1995
- Became a cabinet minister in 2000
- First elected president in 2015

Samia Suluhu Hassan becomes Tanzania's first woman president



- Na Chief Justice Ibrahim Juma swear in Madam Samia for State House Dar es Salaam.
- She don become di sixth president of Tanzania following di death of President John Pombe Magufuli, from heart-related complications.
- Di 61-year-old serve as President Magufuli deputy since 2015.
- She becomes Africa's only current female national leader - the Ethiopian presidency is a largely ceremonial role - and joins a short list of women on the continent to have run their countries.
- President Samia inspects a guard of honour after being sworn in as the sixth president of Tanzania.

Google vice-president Caesar Sengupta steps down



- Veteran **Google** executive **Caesar Sengupta**, who led the internet giant's efforts in digital payments and building products for the next generation of users in emerging markets including India, is leaving the firm. His last day is April 30.

Twitter CEO Jack Dorsey's First Tweet Sold for \$2.9 Million as an NFT

- The NFT was sold via auction on a platform called Valuables, which is owned by the US-based company Cent.
- The tweet - "just setting up my twtr" - was Dorsey's first tweet, made on March 21, 2006.
- It was bought using the crypto currency Ether, for 1630.5825601 ETH, which was worth \$2,915,835.47 (roughly Rs. 21 crore) at the time of sale, Cameron Hejazi, the CEO and co-founder of Cent confirmed.

NV Ramana - Next CJI

Way to the top

A brief profile of **Justice N.V. Ramana**

Aug. 27, 1957: Born in an agricultural family in Ponnaram village in Krishna district of Andhra Pradesh

Feb. 10, 1983: Enrolled as an advocate

June 27, 2000: Appointed permanent judge of the Andhra Pradesh High Court

March 10-May 20, 2013: Functioned as the Acting Chief Justice of the Andhra Pradesh High Court

Sept. 2, 2013: Elevated as the Chief Justice of the Delhi High Court

Feb. 17, 2014: Elevated as a judge of the Supreme Court

■ He has practised in the High Court of Andhra Pradesh, Central and Andhra Pradesh Administrative Tribunals and the Supreme Court in civil, criminal, constitutional, labour, service and election matters

■ Justice Ramana specialises in constitutional, criminal, service and inter-State river laws



- The Chief Justice of India SA Bobde has recommended Justice NV Ramana's name as the 48th CJI after he retires next month.
- SA Bobde is set to retire on 23rd April.
- The Justice Ramana is from Andhra Pradesh.

Chief Justice of India

- The **chief justice of India** is the chief judge of the Supreme Court of India as well as the highest-ranking officer of the Indian federal judiciary.

List of chief justices of India

- This is a list of all **Chief Justices of India (CJI)**. There are a total of 47 Chief Justices of India that have served since the establishment of the Supreme Court of India in 1950, which superseded the Federal Court of India. The current Incumbent Chief Justice is Sharad Arvind Bobde, who entered office on 18 November 2019.

Federal Court of India (1937-50)

- The **Federal Court of India** came into being on 1 October 1937. The seat of the court was the **Chamber of Princes** in the Parliament building in Delhi. It began with a Chief Justice and two puisne judges. It functioned until the establishment of the **Supreme Court of India** on 28 January 1950.

No.	Name (birth-death)	Period of office		Length of Term (days)	Bar	Appointed by
1	Sir Maurice Gwyer (1878-1952)	1 October 1937	25 April 1943	2,032	Inner Temple	The Marquess of Linlithgow
Acting	Sir Srinivas Varadachariar	25 April 1943	7 June 1943	43	Madras High Court	
2	Sir Patrick Spens (1885-1973)	7 June 1943	14 August 1947	1,529	Inner Temple	The Viscount Mountbatten of Burma
3	Sir H. J. Kania (1890-1951)	14 August 1947	26 January 1950	896	Bombay High Court	

Supreme Court of India (1950-present)

- Since the birth of the **Republic of India** on 26 January 1950, 47 judges have served as the **Chief Justice of India (CJI)**. **H. J. Kania** was the inaugural CJI. The current incumbent is **Sharad Arvind Bobde** who took office of Chief Justice of India on 18 November 2019.

No.	Name (birth-death)	Period of office		Length of term (days)	Bar	Appointed by (President of India)
1	Harilal Jekisundas Kania (1890-1951)	26 January 1950	6 November 1951	649	Bombay High Court	
2	Mandakolathur Patanjali Sastri (1889-1963)	7 November 1951	3 January 1954	788	Madras High Court	



No.	Name (birth-death)	Period of office		Length of term (days)	Bar	Appointed by (President of India)
3	Mehr Chand Mahajan (1889-1967)	4 January 1954	22 December 1954	352	Punjab & Haryana High Court	Rajendra Prasad
4	Bijan Kumar Mukherjea (1891-1956)	23 December 1954	31 January 1956	404	Calcutta High Court	
5	Sudhi Ranjan Das (1894-1977)	1 February 1956	30 September 1959	1337	Calcutta High Court	
6	Bhuvaneshwar Prasad Sinha (1899-1986)	1 October 1959	31 January 1964	1583	Patna High Court	
7	Pralhad Balacharya Gajendragadkar (1901-1981)	1 February 1964	15 March 1966	773	Bombay High Court	Sarvepalli Radhakrishnan
8	Amal Kumar Sarkar (1901-2001)	16 March 1966	29 June 1966	105	Calcutta High Court	
9	Koka Subba Rao (1902-1976)	30 June 1966	11 April 1967	285	Madras High Court	
10	Kailas Nath Wanchoo (1903-1988)	12 April 1967	24 February 1968	318	Allahabad High Court	
11	Mohammad Hidayatullah (1905-1992)	25 February 1968	16 December 1970	1025	Bombay High Court	Zakir Husain
12	Jayantilal Chhotalal Shah (1906-1991)	17 December 1970	21 January 1971	35	Bombay High Court	V. V. Giri
13	Sarv Mittra Sikri (1908-1992)	22 January 1971	25 April 1973	824	Lahore High Court	
14	Ajit Nath Ray (1912-2009)	26 April 1973	27 January 1977	1372	Calcutta High Court	
15	Mirza Hameedullah Beg (1913-1988)	29 January 1977	21 February 1978	389	Allahabad High Court	Fakhruddin Ali Ahmed
16	Yeshwant Vishnu Chandrachud (1920-2008)	22 February 1978	11 July 1985	2696	Bombay High Court	Neelam Sanjiva Reddy



No.	Name (birth-death)	Period of office		Length of term (days)	Bar	Appointed by (President of India)
17	Prafullachandra Natwarlal Bhagwati (1921-2017)	12 July 1985	20 December 1986	526	Gujarat High Court	Zail Singh
18	Raghunandan Swarup Pathak (1924-2007)	21 December 1986	18 June 1989	940	Allahabad High Court	
19	Engalaguppe Seetharamiah Venkataramiah (1924-1997)	19 June 1989	17 December 1989	181	Karnataka High Court	Ramaswamy Venkataraman
20	Sabyasachi Mukharji (1927-1990)	18 December 1989	25 September 1990	281	Calcutta High Court	
21	Ranganath Misra (1926-2012)	26 September 1990	24 November 1991	424	Orissa High Court	
22	Kamal Narain Singh (1926-)	25 November 1991	12 December 1991	17	Allahabad High Court	
23	Madhukar Hiralal Kania (1927-2016)	13 December 1991	17 November 1992	340	Bombay High Court	
24	Lalit Mohan Sharma (1928-2008)	18 November 1992	11 February 1993	85	Patna High Court	Shankar Dayal Sharma
25	Manepalli Narayana Rao Venkatachaliah (1929-)	12 February 1993	24 October 1994	619	Karnataka High Court	
26	Aziz Mushabber Ahmadi (1932-)	25 October 1994	24 March 1997	881	Gujarat High Court	
27	Jagdish Sharan Verma (1933-2013)	25 March 1997	17 January 1998	298	Madhya Pradesh High Court	
28	Madan Mohan Punchhi (1933-2015)	18 January 1998	9 October 1998	264	Punjab and Haryana High Court	K. R. Narayanan
29	Adarsh Sein Anand (1936-2017)	10 October 1998	31 October 2001	1,117	Jammu and Kashmir High Court	



No.	Name (birth-death)	Period of office		Length of term (days)	Bar	Appointed by (President of India)	
30	Sam Piroj Bharucha (1937-)	1 November 2001	5 May 2002	185	Bombay High Court	A. P. J. Abdul Kalam	
31	Bhupinder Nath Kirpal (1937-)	6 May 2002	7 November 2002	185	Delhi High Court		
32	Gopal Ballav Pattanaik (1937-)	8 November 2002	18 December 2002	40	Orissa High Court		
33	Vishweshwar Nath Khare (1939-)	19 December 2002	1 May 2004	499	Allahabad High Court		
34	S. Rajendra Babu (1939-)	2 May 2004	31 May 2004	29	Karnataka High Court		
35	Ramesh Chandra Lahoti (1940-)	1 June 2004	31 October 2005	517	Madhya Pradesh High Court		
36	Yogesh Kumar Sabharwal (1942-2015)	1 November 2005	13 January 2007	438	Delhi High Court		
37	Konakuppakatil Gopinathan Balakrishnan (1945-)	14 January 2007	12 May 2010	1,214	Kerala High Court		
38	Sarosh Homi Kapadia (1947-2016)	12 May 2010	28 September 2012	870	Bombay High Court		Pratibha Patil
39	Altamas Kabir (1948-2017)	29 September 2012	18 July 2013	292	Calcutta High Court		Pranab Mukherjee
40	Palanisamy Gounder Sathasivam (1949-)	19 July 2013	26 April 2014	281	Madras High Court		
41	Rajendra Mal Lodha (1949-)	27 April 2014	27 September 2014	153	Rajasthan High Court		
42	Handyala Lakshminarayananaswamy Dattu (1950-)	28 September 2014	2 December 2015	430	Karnataka High Court		

No.	Name (birth-death)	Period of office		Length of term (days)	Bar	Appointed by (President of India)
43	Tirath Singh Thakur (1952-)	3 December 2015	3 January 2017	397	Jammu and Kashmir High Court	
44	Jagdish Singh Khehar (1952-)	4 January 2017	27 August 2017	235	Punjab and Haryana High Court	
45	Dipak Misra (1953-)	28 August 2017	2 October 2018	400	Orissa High Court	Ram Nath Kovind
46	Ranjan Gogoi (1954-)	3 October 2018	17 November 2019	410	Gauhati High Court	
47	Sharad Arvind Bobde (1956-)	18 November 2019	Incumbent	506	Bombay High Court	
48	N. V. Ramana (1957-)	24 April 2021	26 August 2022		Delhi High Court	

EY Entrepreneur of the Year 2020



- Marico chairman Harsh C. Mariwala was named the EY Entrepreneur of the Year 2020.
- He will represent the country at the EY World Entrepreneur of the Year Award in June.
- Marico is one of the largest and most recognisable FMCG (Fast-moving consumer goods) companies in the country.
- It owns brands such as Parachute and Saffola.

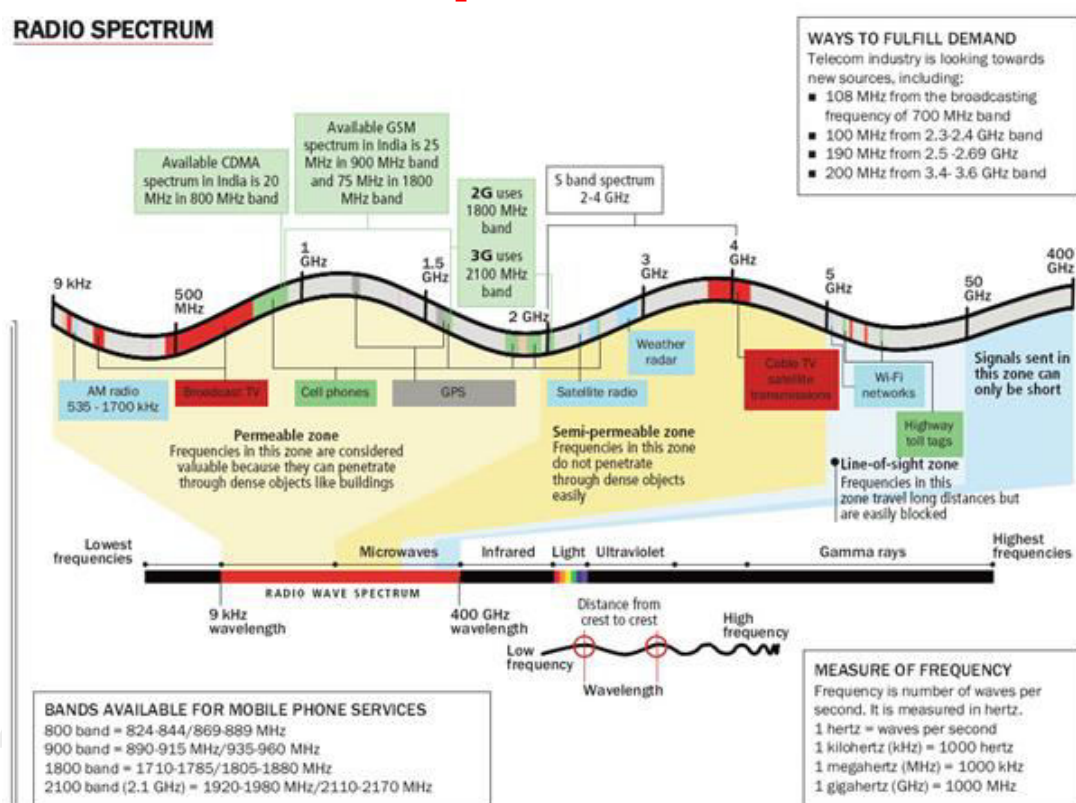
5. ECONOMIC AFFAIRS

About Financial ups and downs

GST collections cross Rs 1 lakh crore-mark for fifth consecutive month in February

- The finance ministry said that the revenues for the month of February 2021, which stood at Rs 1.13 lakh crore, were 7% higher than the GST revenues in the same month last year.
- “In line with the trend of recovery in the GST revenues over past five months, the revenues for the month of February 2021 are 7 per cent higher than the GST revenues in the same month last year.

Centre garners ₹77,814.80 cr after spectrum auction



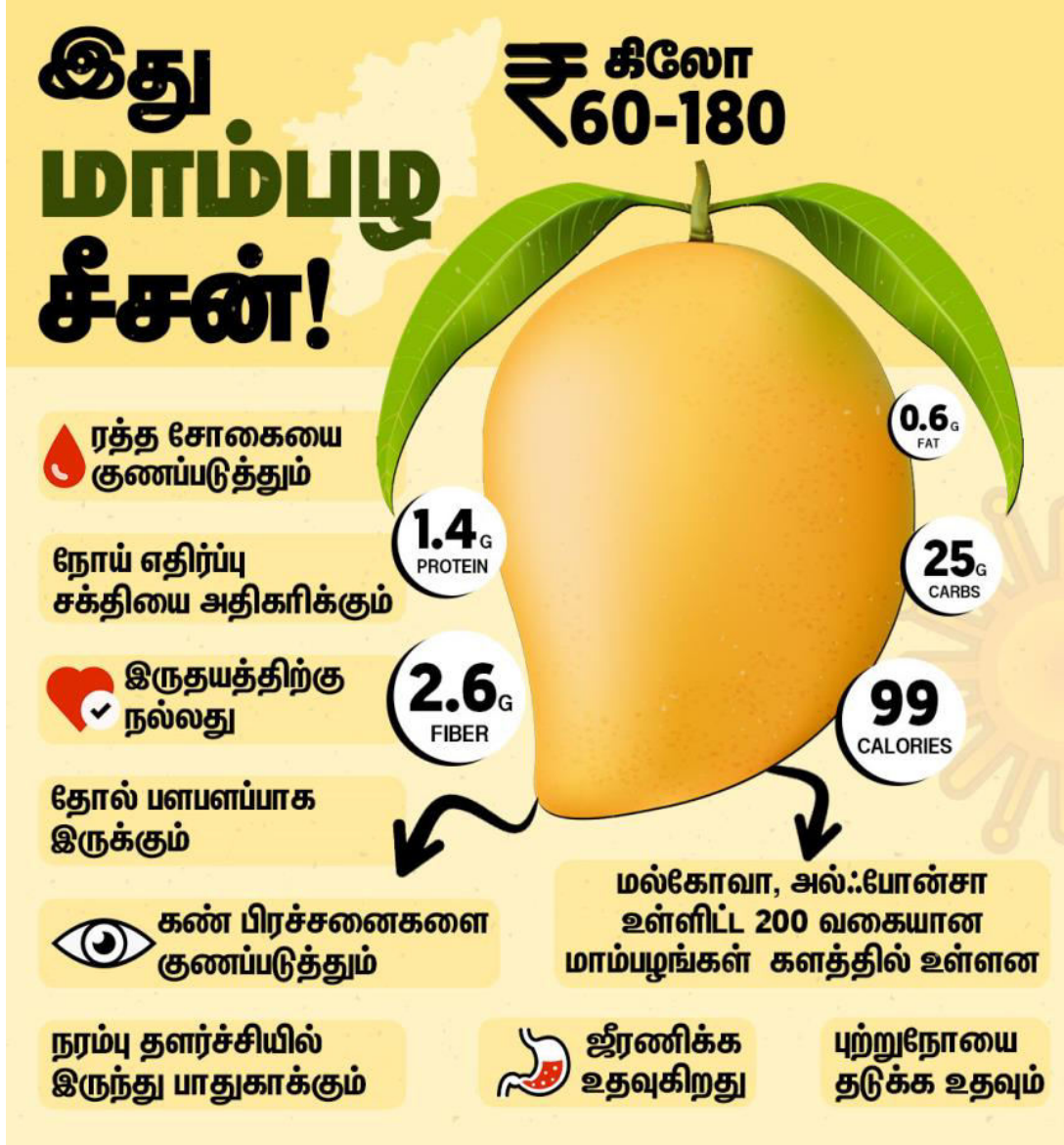
- The telecom spectrum auctions concluded after bidding, with the Centre garnering RS. 77,814.80 crore in revenues.
- The telecom spectrum auctions concluded after a day and a half of bidding, with the Centre garnering ₹77,814.80 crore in revenues.
- The amount exceeded the expectations of the government as well as analysts, as telcos focused on renewing expiring spectrum and consolidating holdings in select bands.

Top buyers

A total of 2,308.80 MHz of spectrum worth about ₹3.92 lakh crore was put up for auction, and bids worth ₹77,814.80 crore were received for 855.60 MHz

Bidder	Total quantity (MHz)	Total amount (₹ crore)
Reliance Jio Infocomm	488.35	57,122.65
Bharti Airtel	355.45	18,698.75
Vodafone Idea	11.80	1,993.40

Mango production will increase by 4.2% year on year this season



- In the case of tomato, production is slightly below 20.14 million tonnes this year compared to 21.17 million tonnes last year.
- Amid the arrival of mangoes, which are very expensive in the NCR, the government released its first forecast, saying production of the **“king of fruits”** is expected to increase 4.2% to 21.12 million tonnes in 2020-2021.
- Crop year ending in June. This could ease feelings and market prices could drop as the summer progresses, although supplies from northern states like Uttar Pradesh will start from May.
- The production of other summer fruits - watermelon and watermelon - is estimated to be slightly lower than in the previous year. Watermelon production is estimated at 1.30 million tonnes this year compared to 1.36 million tonnes last year, while that of watermelon production is estimated at 3.12 million tonnes against 3.15 million tonnes last year. Banana production is also set higher at 33.75 million tonnes for the 2020-2021 season, compared to 32.59 million tonnes last year.

Rs 2,000 notes not printed in last 2 years: Govt in Lok Sabha

Dimensions	Main colour	Description			Date of Issue	Circulation
		Obverse	Reverse	Watermark		
166 × 66 mm	Magenta	Mahatma Gandhi	Mangalyaan	Mahatma Gandhi	2016	Wide

- Rs 2,000 currency notes have not been printed in the last two years even as the quantum of India's highest denomination currency note has come down, the Lok Sabha was informed.
- In a written reply, Minister of State for Finance Anurag Singh Thakur said 3,362 million currency notes of Rs 2000 denomination were in circulation on March 30, 2018, constituting 3.27 per cent and 37.26 per cent of the currency in terms of volume and trade respectively.
- As of February 26, 2021, 2,499 million pieces of Rs 2,000 notes were in circulation, constituting 2.01 per cent and 17.78 per cent of banknotes in terms of volume and value, respectively.

Power consumption grows 16.5 pc in first 12 days of March

- Power consumption in the country grew 16.5 per cent in the first 12 days of this month at 47.67 billion units over the corresponding period a year ago, showing a revival in the economic activities, according to power ministry data.
- Power consumption during March 1-12 last year was recorded at 40.92 BU.
- Till March 12, 2021, peak power demand met touched the highest level of 186.03 GW on March 11, 2021, and recorded a growth of 9.3 per cent over 170.16 GW a year ago.
- The highest daily peak power demand met of 1701.16 was recorded on March 3, 2020.

Govt plans to sell residual stake in four airports

- The Central government aims to sell its residual stake in four airports as part of the Rs 2.5 lakh crore asset monetisation pipeline. The sale of the Airport Authority of India's remaining stake in the four airports of **Delhi, Mumbai, Bengaluru and Hyderabad**, as well as the identification of 13 more airports for privatisation, has been planned for the next fiscal.
- The Ministry of Civil Aviation will take approvals for divestment of equity stake of the AAI in the joint ventures running Delhi, Mumbai, Bengaluru, and Hyderabad airports.

India in world's top 10 nations by market value

- Indian stocks have gained the most across the world's top 10 nations by market value in the fiscal year 2021-2022.
- This has underscored the strength of rally which was not affected by the covid-induced economic uncertainties.
- The data is provided by Bloomberg.
- The data highlights that, India's aggregate market capitalization has reached to 88% in dollar terms in the current fiscal.
- This was recorded as the sharpest increase in the aggregate market capitalization since the financial year 2011.



Over 4 crore old vehicles on Indian roads

- Over four crore vehicles older than 15 years are plying on roads pan-India and fall under the ambit of green tax, with **Karnataka occupying the top slot** with more than 70 lakh such vehicles.
- The Ministry of Road Transport and Highways has digitised the data of such vehicles throughout the country, excluding **Andhra Pradesh, Madhya Pradesh, Telangana** and Lakshadweep as their records were not available.
- The digitised vehicle records are as per the centralised Vahan database that excludes "Andhra Pradesh, Madhya Pradesh, Telangana, and Lakshadweep"
- **Uttar Pradesh** occupies the **second** spot with 56.54 lakh vehicles, of which 24.55 lakh are older than 20 years.
- The capital Delhi is at the third place in terms of old and polluting vehicles at 49.93 lakh, of which 35.11 lakh are older than 20 years.
- The digitisation of vehicle numbers revealed that Kerala has 34.64 lakh such vehicles, followed by 33.43 lakh in Tamil Nadu, 25.38 lakh in Punjab and 22.69 lakh in West Bengal.
- Maharashtra, Odisha, Gujarat, Rajasthan and Haryana have these vehicles in the range of 17.58 lakh and 12.29 lakh.
- The number of such vehicles ranges between 1 lakh and 5.44 lakh for Jharkhand, Uttarakhand, Chhattisgarh, Himachal Pradesh, Puducherry, Assam, Bihar, Goa, Tripura and the union territories of Dadra-Nagar Haveli and Daman and Diu.

Visa moves to allow payment settlements using cryptocurrency

- Visa Inc said it will allow the use of the cryptocurrency USD Coin to settle transactions on its payment network, the latest sign of growing acceptance of digital currencies by the mainstream financial industry.
- Visa has launched the pilot program with payment and crypto platform Crypto.com and plans to offer the option to more partners later this year.

India's 2021 economic output likely to remain below 2019 level: UN report

- Maintaining low borrowing costs while keeping NPAs in check would be a challenge; China's swift, effective response to Covid-19 made it the only major global economy to achieve positive annual economic growth rate in 2020
- India's economic output in 2021 is expected to remain below the 2019 level despite roll-out of the vaccine to deal with the menace of the coronavirus pandemic, said a report by the **United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP)** released.
- India, according to the 'Economic and Social Survey of Asia and the Pacific 2021: Towards post-Covid-19 resilient economies', is estimated to record an economic growth of 7 per cent in 2021-22, over a contraction of 7.7 per cent witnessed in the previous fiscal on account of the pandemic's impact on normal business activity.

6. SCIENCE & TECHNOLOGY

Inventions and updates of Science

SFDR Technology



- The Defence Research and Development Organisation have successfully tested a flight demonstration based on Solid Fuel Ducted Ramjet technology (SFDR).
- It is tested in the Integrated Test Range in Odisha's Chandipur.
- The SFDR technology will help DRDO with the technological advantage to develop long-range air-to-air missiles.

Ramjet

- A ramjet is a form of air-breathing jet engine that uses the vehicle's forward motion to compress incoming air for combustion without a rotating compressor.
- Ramjets work most efficiently at supersonic speeds but they are not efficient at hypersonic speeds.

India's arms imports decreased by 33% between 2011-15 and 2016-20: SIPRI

- The drop in Indian arms imports seems to have been mainly due to its complex procurement processes, combined with an attempt to reduce its dependence on Russian arms.
- India is planning large-scale arms imports in the coming years from several suppliers, the SIPRI report said
- India's import of arms decreased by 33% between 2011-15 and 2016-20 and Russia was the most affected supplier, according to a report released by Stockholm-based defence think-tank SIPRI.

Russia deploys Giant Space Telescope

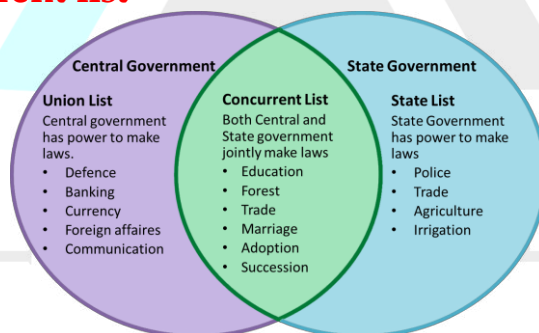


- Russian scientists have deployed a giant telescope in Lake Baikal in southern Siberia.
- It is to search for the tiniest known particles in the universe.
- The telescope, Baikal-Gigaton Volume Detector, is designed to search for neutrinos.
- Neutrinos are nearly massless subatomic particles with no electrical charge.
- Lake Baikal is the deepest and the largest freshwater lake on Earth.

Detecting the unified call of black holes

- Since the first detection of the merger of black holes dated September 14, 2014, by the two gravitational wave detectors at LIGO in the U.S., the field has witnessed important developments.
- The **LIGO detectors** have been joined in their search for gravitational waves from various sources by the **VIRGO detector** in Italy and the **KAGRA detector** in Japan.

'Move health to Concurrent list'



- Health should be shifted to the Concurrent list under the Constitution, Fifteenth Finance Commission Chairman N.K. Singh has said.
- Seventh Schedule of the Indian Constitution deals with the division of powers between the Union government and State governments.
- It defines and specifies the allocation of powers and functions between Union & States. It contains three lists; i.e. 1) Union List, 2) State List and 3) Concurrent List.

Concurrent List:

- There are 52 (Originally 47) items currently in the list.
- This includes items which are under the joint domain of the Union as well as the respective States

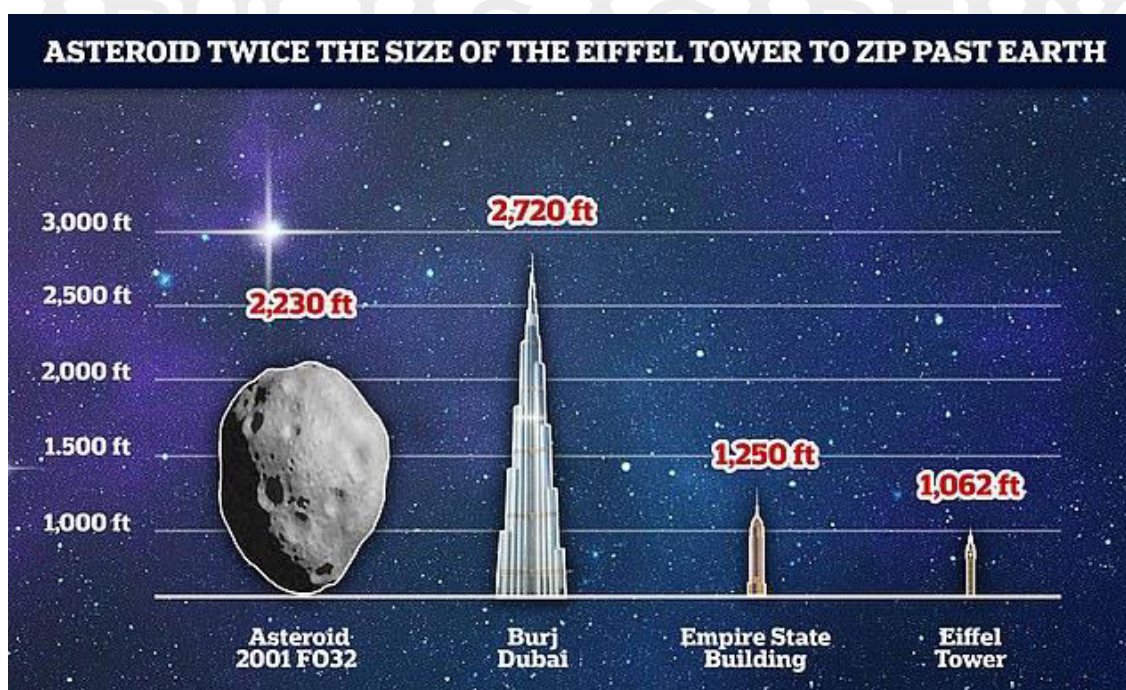
Indo-French Space Collaborations



- Indian Space Research Organisation (ISRO) and French space agency Centre National d'Etudes Spatiales (CNES) are working on their third joint satellite mission.
- ISRO and CNES have completed the feasibility study to realise the earth observation satellite mission with TRISHNA, thermal infrared imager.
- TRISHNA will monitor the water cycle to help in properly utilizing it.
- ARGOS of CNES will be integrated into ISRO's **OCEANSAT-3** satellite.
- ARGOS is the global satellite-based data collection and location system.
- It is dedicated to studying and preserving the environment.

Asteroid 2001 FO32

- Asteroid 2001 FO32 is the largest asteroid passed by Earth in 2021.
- It was discovered 20 years ago by Lincoln Near-Earth Asteroid Research (LINEAR) program in Socorro, New Mexico in 2001.
- When it is at its closest to Earth, it is at a distance of 2 million km (Equal to 5¼ times the distance from Earth to the Moon).
- So, it has been designated as a “potentially hazardous asteroid”.



7. NATIONAL NEWS

Activities which held up in India during march 2021

1 crore more free LPG connections in 2 years, easier access to cooking gas planned: Oil Secretary

- The free LPG connection scheme is one structural reform of the Modi government that has been internationally acclaimed for ridding indoor household pollution and improving women's health.
- The Union Budget earlier this month announced a plan to give out one crore more free cooking gas connections under the Pradhan Mantri Ujjwala (PMUY) scheme.
- While no separate allocation for this has been made in the Budget for 2021-22, the general fuel subsidy allocation should be enough to cover the expense of about ₹ 1,600 per connection

India, Japan back in another Sri Lanka port project



- Sri Lanka government said it will develop the West Container Terminal (WCT) at the Colombo Port, along with India and Japan.
- The decision comes a month after the Rajapaksa government ejected the two partners from a 2019 tripartite agreement to jointly develop the East Container Terminal (ECT), citing resistance to “foreign involvement”.

The Importance of India having a terminal at Colombo port

- Chinese-run Colombo International Container Terminal (CICT).
- More than two-thirds of trans-shipment at this port is tied to India, making it an important trade and connectivity link.
- As a joint venture for India and Japan to invest in, the ECT project was also expected to showcase how the two Indo-Pacific partners, and also Quad members, could provide South Asia with viable, transparent and sustainable alternatives for financing and development.

National Population Register

NO SUPPORTING DOCUMENTS NEEDED	
<ul style="list-style-type: none"> ➤ NPR, a pan-India exercise excluding Assam, will seek info regarding date & place of birth of a usual resident's mother and father as well as his/her identity details like Aadhaar, passport, driving licence & voter ID ➤ A 'usual resident' is defined as a person who has resided in an area for the past 6 months or more or who intends to reside in that area for next 6 months ➤ Data will be recorded as 	<ul style="list-style-type: none"> ➤ declared by respondent & no proof or supporting documents will be sought ➤ Sharing Aadhaar, passport, driving licence & voter ID details will be voluntary. PAN details won't be sought ➤ No biometrics will be collected during NPR, though the same can be sourced from UIDAI if needed on the basis of Aadhaar ➤ NPR was last prepared in 2010 along with Census 2011, followed by updation in 2015

- **"Sugamya Bharat App"** and **"Access - The Photo Digest"**
- The Minister for Social Justice and Empowerment Thaawar Chand Gehlot launched the 'Sugamya Bharat' App and a handbook titled 'Access - The Photo Digest'.
- The App and the handbook have been developed by the Department of Empowerment of Persons with Disabilities.
- It enables people with disabilities and even the elderly to register accessibility-related problems
- This mobile app will also address coronavirus-related issues faced by the differently abled.
- The handbook is a collection of photographs from across different States and UTs.
- It acts as a tool and guide for stakeholders, to sensitise them about 10 basic features of accessibility and related good-bad practices in easy-to-understand pictorial form.
- The app provides five main features, four of which are directly related to enhancing accessibility, while the fifth is a special feature meant only for people with disabilities for coronavirus-related issues.

Union Cabinet approves MOU between India and France, of Renewable Energy Cooperation Agreement

- The Union Cabinet chaired by Prime Minister Narendra Modi approved the Memorandum of Understanding between India and France in the field of renewable energy cooperation.
- In addition, the Union Cabinet approved a Memorandum of Understanding between India and Fiji for cooperation in agriculture and allied sectors. This MoU will be effective from the date of its signature and will remain in force for a period of 5 years.

Dandi Path: Follow the Footsteps of Mahatma Gandhi

- The National Salt Satyagraha Memorial or Dandi Memorial.
- The Dandi March, also known as the Salt March, Dandi March, and the Dandi Satyagraha was an act of nonviolent civil disobedience led by Mohandas Karamchand Gandhi.
- The march lasted from March 12th, 1930 to April 6th, 1930 as a direct action campaign of tax resistance and nonviolent protest against the British salt monopoly.

IISc among top 100 natural sciences universities in world

Top universities

Four Indian institutions feature in the top 100 list of QS World University Rankings under two subjects - Engineering and Technology and Natural Sciences

Engineering and Technology		Natural sciences	
Rank	University	Rank	University
1	MIT, U.S.	1	MIT, U.S.
2	Stanford, U.S.	2	Stanford, U.S.
3	Cambridge, U.K.	3	Harvard, U.S.
49	IIT, Bombay	92	IISc, Bangalore
54	IIT, Delhi		
94	IIT, Madras		

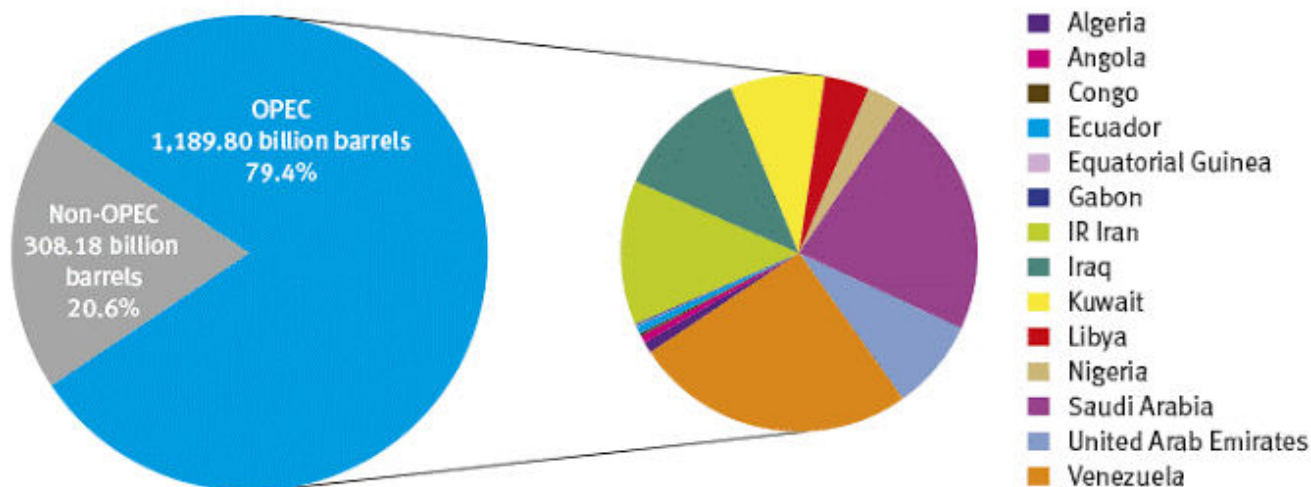
- 12 Indian Institutions have secured positions in top 100 in the QS Subject Rankings for the year 2021.

Quacquarelli Symonds (QS)

- These are IIT Bombay, IIT Delhi, IIT Madras, IIT Kharagpur, IISc Bangalore, IIT Guwahati,, IIM Bangalore, IIM Ahmedabad, JNU, Anna University, University of Delhi, and O.P Jindal University .

OPEC+ move to hit recovery

OPEC share of world crude oil reserves, 2018



OPEC proven crude oil reserves, at end 2018 (billion barrels, OPEC share)

Venezuela	302.81	25.5%	Kuwait	101.50	8.5%	Algeria	12.20	1.0%	Gabon	2.00	0.2%
Saudi Arabia	267.03	22.4%	UAE	97.80	8.2%	Ecuador	8.27	0.7%	Equatorial Guinea	1.10	0.1%
IR Iran	155.60	13.1%	Libya	48.36	4.1%	Angola	8.16	0.7%			
Iraq	145.02	12.2%	Nigeria	36.97	3.1%	Congo	2.98	0.3%			

Source: OPEC Annual Statistical Bulletin 2019.

- OPEC+ has agreed not to increase supply in April as they await a more substantial recovery in demand amid the COVID-19 pandemic.
- Crude prices rose after the announcement and are up 33% this year.
- **India is the world's third-biggest oil importer.** India imports about 84% of its oil and relies on West Asian supplies to meet over three-fifths of its demand.
- Opec+ refers to the alliance of crude producers, who have been undertaking corrections in supply in the oil markets since 2017.

Amrit Mahotsav

- 'Amrit Mahotsav' will be celebrated to mark India's 75 years of Independence.
- This could be held at 75 locations across the nation for 75 weeks.
- This grand festival will begin from Sabarmati Ashram in Ahmedabad in Gujarat from March 12.

Rs 200 crore given to states to set up women help desks in police stations: MHA

- The Union home ministry said Rs 200 crore has been sanctioned to states and union territories (UTs) to set up women help desks in police stations and to strengthen anti-human trafficking units in all districts of the country.

India emerges as 5th attractive Growth Destination, US Tops List: PwC's Global CEO Survey

Position	Country
5	India
1	USA
2	China
3	Germany
4	UK

- According to PwC's (PricewaterhouseCoopers) **24th Annual Global CEO Survey**, India emerged as the **5th** most attractive growth destination in the world. India has slipped one position to 5th, after being surpassed by the United Kingdom which took the 4th Position.
- The survey covered 5, 050 CEOs in 100 Countries & Territories including India.
- Japan took the 6th position overtaking Australia.
- 76% of CEOs expect the global economic recovery to improve in 2021.

17 States implement One Nation One Ration Card System

- The ministry of finance has announced that 17 states have successfully implemented 'one nation, one ration card system' after Uttarakhand became the latest state to complete the operationalization of reforms.
- **One Nation One Ration Card** (RC) will ensure all beneficiaries especially migrants can access PDS across the nation from any PDS shop of their own choice.

Easy access

Under the 'One nation, one ration card' system, beneficiaries can buy subsidised foodgrains from a ration shop in any part of the country

Ration card-
Aadhaar linkage
must to access
the portability
scheme

The scheme will be rolled out across the country on: **July 1, 2020**

States providing portability of PDS entitlements:

- Andhra Pradesh, Gujarat, Haryana, Jharkhand, Karnataka, Kerala, Maharashtra, Rajasthan, Telangana and Tripura

- A person will only be eligible for the subsidies supported by the Centre, which include rice sold at ₹3/kg and wheat at ₹2/kg

- Even if a beneficiary moves to a State where grains are given for free, he/she will not be able to access those benefits



A migrant will be allowed to buy a maximum of 50% of the family quota. This is to ensure that the individual, after shifting to another place, does not buy the entire family quota in one go

- Here is the list of states that have implemented the scheme with the additional borrowing **(in crores)** permitted to them:

State	(in crores)
Andhra Pradesh	₹2,525
Goa	₹223
Gujarat	₹4,352
Haryana	₹2,146
Himachal Pradesh	₹438
Karnataka	₹4,509
Kerala	₹2,261
Madhya Pradesh	₹2,373
Manipur	₹75
Odisha	₹1,429
Punjab	₹1,516
Rajasthan	₹2,731
Tamil Nadu	₹4,813
Telangana	₹2,508
Tripura	₹148
Uttarakhand	₹702
Uttar Pradesh	₹4,851

Indian Railways Surpasses Last Year's Cumulative Freight Loading despite Covid-19 Challenges

- The Indian Railways on 12 March said that its total freight loading for financial year 2020-21 had surpassed that of the previous fiscal.
- “On 11 March 2021, Indian Railways’ cumulative freight loading touched 1145.68 million tonnes (MT) which is higher than total cumulative loading of last year (1145.61 million tonnes),” the Ministry of Railways said in a statement on (12 March).
- “In 2020-21, the railways loaded 1,145.68 MT of goods as compared to 1,145.61 MT last year. It gives us a great boost and proves how the railways has continued to be the driving force of the economy”.

Census interim data by 2024

- The provisional data for the latest Census and National Population Register (NPR) will be available before the Lok Sabha election in 2024, according to information provided by the Union Home Ministry to a parliamentary committee.
- The Ministry informed the committee that Census and update of the NPR would be among the major thrust areas for the financial year 2021-22. The previous Census was conducted in 2011 and the NPR, which has a database of 119 crore residents, was last updated in 2015.
- Conduct of census in India is guided by **the Census Act, 1948**.
- The first census of Independent India was conducted in 1951, which was the seventh census in its continuous series.

Health Minister Harsh Vardhan: 157 medical colleges under different stages of implementation in India

- A total of 157 medical colleges are under different stages of implementation in various parts of the country, Union Health Minister Harsh Vardhan informed the Rajya Sabha.
- "Since 2014, there are 157 medical colleges in different parts of the country in different stages of development. These include 58 medical colleges in phase 1 and 24 in phase 2 and another 75 in phase 3 which were announced recently"
- "So far, 22 All India Institute of Medical Sciences (AIIMS) have been sanctioned under the Modi government. Out of these, 16 AIIMS have been in different stages of implementation since the last seven years," he said.

India-Finland Virtual Summit

- The India-Finland Virtual Summit was held with the participation of Prime Minister Narendra Modi and Prime Minister of the Republic of Finland Ms Sanna Marin.
- The virtual summit was organised to discuss the entire gamut of bilateral issues as well as other regional and multilateral issues of mutual interest.
- The Union Cabinet, headed by Prime Minister Narendra Modi, has approved a Memorandum of Understanding (MoU) between India and the Maldives for cooperation in the field of sports and youth affairs.
- It will help to expand the experience and knowledge related to sports science, sports medicine, training techniques, sports competitions and the participation of young players in training camps.

Sahi Disha campaign

- The United Nations Development Program (UNDP) has launched a campaign named 'Sahi Disha'.
- The campaign highlights issues and the hurdles that impact the opportunities of women living in rural India to access livelihoods and jobs.
- The Disha initiative is a five years collaboration between the IKEA Foundation and the United Nations Development Program.
- It benefited around 1 million women through counselling and skilling services.
- The initiative benefitted women living across five states of India -
 - ❖ Haryana,
 - ❖ Delhi NCR,
 - ❖ Maharashtra,
 - ❖ Karnataka and
 - ❖ Telangana.

Vehicle Scrapping Policy



The infographic features a large blue and white 'A' logo on the left. Below it, the text 'VEHICLE SCRAPPING POLICY' is written in large, bold, blue letters. To the right, the heading 'Policy proposes the following' is in red. Below this heading are five red icons, each followed by a description of a policy point. At the bottom left of the infographic is an illustration of several cars being scrapped, with workers in blue uniforms and hard hats. The background of the infographic is light blue with a pattern of small white dots.

VEHICLE SCRAPPING POLICY

Policy proposes the following

-  Setting up of Registered Vehicle Scrapping Facility across India & encourage public & private participation
-  Commercial vehicles be de-registered after 15 years and private vehicles after 20 years in case of failure to get the fitness certificate
-  All vehicles of Central Govt, State Govt, Municipal Corporation, Panchayats, State Transport Undertakings, PSUs & autonomous bodies may be de-registered & scrapped after 15 years from the date of registration.
-  Strong incentives to owners through registered scrapping centers, which can also provide owners with a scrapping certificate
-  Scrapping facility to comply with environmental & pollution norms

- The Union Minister of Road Transport and Highways, Nitin Gadkari, has introduced the Vehicle Scrapping Policy on March 18, 2021 in the Lok Sabha.
- This will come into effect from April 1, 2021.
- It was first announced by Finance minister Nirmala Sitharaman in her Union Budget Speech 2021-2022 on February 1, 2021.

Note:

- 51 lakhs of the light motor vehicles which are 20 years old and more will be scrapped under this policy.
- 34 lakhs of light motor vehicles are older than 15 years while around 51 lakhs of light motor vehicles are older than 20 years.
- 17 lakh medium & heavy commercial vehicles are older than 15 years.

Highlights:

- The scrapping policy will bring the transformational changes in automobile sector by reducing the vehicular emission of pollutants.
- The policy was introduced with the aim of creating an ecosystem to phase out the unfit, old and polluting vehicles.
- Under the policy, personal vehicles will have to undergo the fitness tests at the automated centres after 20 years.
- On the other hand, the commercial vehicles will have to undergo the fitness test after 15 years.
- If the vehicles failed to pass the fitness test for three times, the owner would not be able to drive it on the road.

Women and Child Development Ministry to seek ₹37,000 crore loan to execute schemes

- The Women and Child Development Ministry plans to seek loans totalling ₹37,179 crore from five different multinational development banks to implement new and existing schemes, including a research centre on child development as well as plantation of 200 million trees under mission Kalpatru to eradicate malnutrition.
- The Ministry received ₹24,435 crore in the Budget for financial year 2022.
- It is already implementing Poshan Abhiyaan or Nutrition Mission at a cost of ₹9,000 crore for three years from 2017, half of which is funded through a World Bank loan.

Emerging crisis of obtaining Helium in India

- Helium is a chemical element with the symbol He and atomic number 2.
- India's Rajmahal volcanic basin is the storehouse of helium trapped for billions of years, since the very birth of our Earth from the Sun.
- At present, researchers are mapping the Rajmahal basin extensively for future exploration and harnessing of helium.

82nd Raising Day - CRPF



- The Central Reserve Police Force (CRPF) is India's largest Central Armed Police Force.
- It functions under the authority of the Ministry of Home Affairs (MHA) of the Government of India.
- It came into existence as the Crown Representative's Police on 27 July 1939.
- After Indian Independence, it became the Central Reserve Police Force on enactment of the CRPF Act on 28 December 1949.
- This day in 1950 (march 19), the then Home Minister, Sardar Vallabh Bhai Patel presented President's colour to CRPF.
- In 1986, the CRPF had raised the first armed women's battalion in the Asia region.
- CRPF plays a crucial role in dealing with Naxalism.
- CRPF have also efficiently worked towards the security of pilgrim places like Vaishno Devi, Ram Janmabhoomi and Amarnath.

Parliament passes Insurance Bill to hike FDI limit to 74 per cent



- Move will strengthen insurance sector; should not be seen as govt selling the family silver: Finance Minister
- Parliament has passed a Bill to raise the **Foreign Direct Investment (FDI)** limit in insurance sector to 74 per cent from the current 49 per cent, with the Lok Sabha giving its nod for this legislation.
- The Bill to amend the Insurance Act, 1938 was passed by the Rajya Sabha last week.

Japan to provide loans and grant of 233 billion yen for infra projects in India



- Japan finalised loans and a grant totalling around 233 billion yen (\$2.11 billion) for several key infrastructure projects, including for the fourth phase of the Delhi Metro.
- The financial assistance included a grant of 4.01 billion yen for a project for the improvement of power supply in strategically located Andaman and Nicobar Islands, according to the Japanese Embassy here.
- It said notes on the loans and the grant were exchanged between CS Mohapatra, additional secretary in the Department of Economic Affairs of the Finance Ministry, and Japanese Ambassador Satoshi Suzuki.

Inter-state Tiger Relocation Project



- Sundari - a tigress, shifted as part of India's first inter-state translocation project in 2018 from Madhya Pradesh to Odisha, returned home recently.
- The five-year-old tigress spent 28 months in captivity in Satkosia Tiger Reserve, Odisha.

Tiger Relocation Project:

- The tiger relocation project was initiated in 2018.
- A male (Mahavir) from Kanha Tiger Reserve and a female (Sundari) from Bandhavgarh from Madhya Pradesh were relocated to Satkosia Tiger Reserve in Odisha, to shore up the tiger population in the state.
- Sundari was brought to Satkosia a week after Mahavir's arrival.
- The relocation was meant to serve two purposes,
 - Reducing tiger population in areas with excess tigers to majorly reduce territorial disputes,
 - To reintroduce tigers in areas where the population has considerably reduced due to various reasons.

Tuberculosis Report 2021 - India

- It is estimated that 18.05 lakh TB cases were registered in India.
- This Report also found that, between January and February 2020, registrations of TB increased by 6% on year.
- This Report highlights that 24.04 lakh cases were reported in 2019, among which treatment success rate was 82% while mortality rate was 4%.
- According to report, 4% of patients were lost in follow ups while treatment failure & regimen change accounts for about 3%.

TB Cases in India

- India has the largest caseload, 2.64 million tuberculosis patients, across the world.
- It accounts for 30% of the world's TB cases.
- The Government of India has aimed to have TB-free India by 2025, five years ahead of global target date, 2030.

8. INTERNATIONAL NEWS

Activities which held up out of Nation during march 2021

Sri Lanka Air Force celebrates 70th anniversary



- The Sri Lanka Air Force (SLAF), the defenders of Sri Lanka's skies proudly celebrates its 70th Anniversary (March 02), under the able guidance of its 18th Commander Air Marshal Sudarshana Pathirana.
- The Royal Ceylon Air Force (RCyAF) was established on March 2, 1951.

India and 17 countries face U.S. Anti-Dumping Tax

- This decision was taken by the US Department of Commerce after several U.S. aluminium alloy manufacturers complained that they were being harmed because of imports at the lower prices.
- A U.S. investigation on India states that, in the year 2019, Imports from India have benefited from subsidies for 35 percent to 89 percent.
- So, India and 17 other countries would face the U.S. anti-dumping tax.

China's defence budget to cross \$200 billion

- China's defence budget will for the **first time cross \$200 billion** with the government announcing a **6.8% hike in defence spending for 2021**.
- This will take China's defence spending to more than four times India's \$49.75 billion budget, not including pensions.
- The hike is only a slight rise from the 6.6% increase announced in 2020 amid the pandemic, which was the lowest increase in many years.
- The defence budget saw double-digit increases until 2015, and was hiked 7.5% in 2019.

Australia ends defence cooperation with Myanmar over coup

- **Australia announced that it had suspended a defense training program with Myanmar worth about 1.5 million Australian dollars (\$1.2 million) over five years.**
- Australia has suspended its defence cooperation with Myanmar and is redirecting humanitarian aid because of the military takeover of the government and ongoing detention of an Australian citizen.
- Australia has also called for the release of Aung San Suu Kyi, President Win Myint and others who have been arbitrarily detained since the February 1 military coup.

Bharat Bangla Maitri Bridge



- Prime Minister inaugurated **Bharat Bangla Maitri Bridge** in Tripura's South district.
- The bridge '**Maitri Setu**' has been built over the **Feni river** which flows between Indian boundary in Tripura State and Bangladesh. Feni originates in the **South Tripura district**. The river passes through Sabroom town on the Indian side, and **meets the Bay of Bengal** after it flows into Bangladesh.
- The **1.9 Km** long bridge joins **Sabroom (in Tripura) with Ramgarh (in Bangladesh)**.
- The name 'Maitri Setu' **symbolises** growing bilateral relations and friendly ties between India and Bangladesh.

China's New Five-Year Plan

- China formally approved the outline of its 14th Five-Year Plan (2021-2025).
- It includes the first dam in Tibet on the lower reaches of the Yarlung Zangbo or Brahmaputra and a Sichuan-Tibet railway line near the India border.
- It aims to develop the Polar Silk Road as a component of the wider Belt and Road Initiative.

Concerns rise over Sri Lanka's move to ban burqas, madrassas

- A Pakistani diplomat and a U.N. expert have expressed concerns over Sri Lanka's proposed move to ban the wearing of burqas.
- Sri Lanka announced plans over the weekend to ban the wearing of burqas – garments worn by some Muslim women that cover the body and face – and also said it would close more than 1,000 Islamic schools known as madrassas, citing national security.
- The wearing of burqas in Sri Lanka was temporarily banned in 2019 soon after the Easter bomb attacks on churches and hotels that killed more than 260 people in the Indian Ocean island nation. Two local Muslim groups that had pledged allegiance to the Islamic State group have been blamed for the attacks at six locations – two Roman Catholic churches, one Protestant church and three top hotels.

Italy joins International Solar Alliance

- The Ministry of External Affairs of India has informed that Italy has signed a framework agreement with India to join the International Solar Alliance (ISA).
- The Italian Republic signed the framework agreement of ISA following the amendment made to the framework agreement of ISA.
- This amendment had opened the membership in the Solar Alliance to all the members of the United Nations.

ISA:

- ISA is a treaty-based intergovernmental alliance comprising of 121 countries.
- The establishment of the alliance was initiated by India.
- Most of the member countries are the sunshine countries.
- Sunshine countries are the countries that are located either completely or partly in between Tropic of Cancer and Tropic of Capricorn.

Indian monsoon 25 million years ago resembled present day Australia's

- About 180 million years ago, India separated from the ancient supercontinent Gondwana and took a long northward journey of about 9,000 km to join Eurasia.
- The researchers analysed the morphological characters of fossil leaves collected from Deccan Volcanic Province, East Garo Hills of Meghalaya, Gurha mine in Rajasthan and Makum Coalfield in Assam.
- The results indicated that the fossil leaves from India were adapted to an Australian type of monsoon and not the current Indian monsoon system during its voyage.



- The reconstructed temperature data show that the climate was warm (tropical to subtropical) at all the studied fossil sites with temperatures varying from 16.3–21.3 degrees C.

Turkey's announced withdrawal from the Istanbul Convention endangers women's rights

- Turkey has withdrawn from the Istanbul Convention on women's rights, which aims to protect women against violence.
- Established in 2011, the Istanbul Convention, a treaty developed by the non-EU organisation Council of Europe, aims to create a legal framework to prevent and fight against violence against women and domestic violence.

World's Highest Railway Bridge

- The Chenab Bridge is an Indian railway steel and concrete arch bridge under construction between Bakkal and Kauri in the Reasi district of Jammu and Kashmir, India.
- The world's highest rail bridge over the Chenab river in Jammu and Kashmir is in the last stages of construction.
- The rail line is expected to be 35 metres taller than the Eiffel Tower in Paris.
- Once completed, it will surpass the record of the Beipan river Shuibai railway bridge (275 m) in China.
- It will be 359 metres above the Chenab river bed.
- The overall length of the bridge is 1,315 metres.



Philippines accuses China of 'incursion' in disputed sea

- The Philippines has accused China of incursion after more than 200 militia boats were spotted near a disputed reef in the South China Sea.
- The Philippine coast guard detected the boats in line formation at the boomerang-shaped Whitsun Reef, around 320 km (175 nautical miles) west of Palawan Island.

Resolution against Sri Lanka's human rights record

- The UNHRC resolution adopted the resolution titled 'Promotion of Reconciliation Accountability and Human Rights in Sri Lanka'.
- The resolution was adopted after 22 out of 47 members voted in favour of it.
- 11 countries voted against the resolution.
- India was among the 14 countries that abstained from voting.



Netanyahu's party wins most seats in Israeli election

- Prime Minister Benjamin Netanyahu's party won the most parliamentary seats in Israel's election, according to exit polls, putting him within sight of securing a governing coalition and extending his tenure as the country's longest-serving leader.
- This is the fourth time Israelis have voted in national elections in 23 months, a time of unprecedented political paralysis as the country has been buffeted by the coronavirus pandemic.

Amid Bangladesh liberation anniversary, role of India, U.S. in 1971 in spotlight

Political Import Of Bangladesh Visit

The visit of the PM will be historic, given that he will go beyond the capital to three important places on Saturday

The PM will first visit Jeshoreshwari temple in Ishwaripur, dedicated to Goddess Kali and one of the shaktipiths of Hindu religion

He will go to Tungipara to pay homage at the Bangabandhu Mausoleum. The father of Bangladesh was born in Tungipara

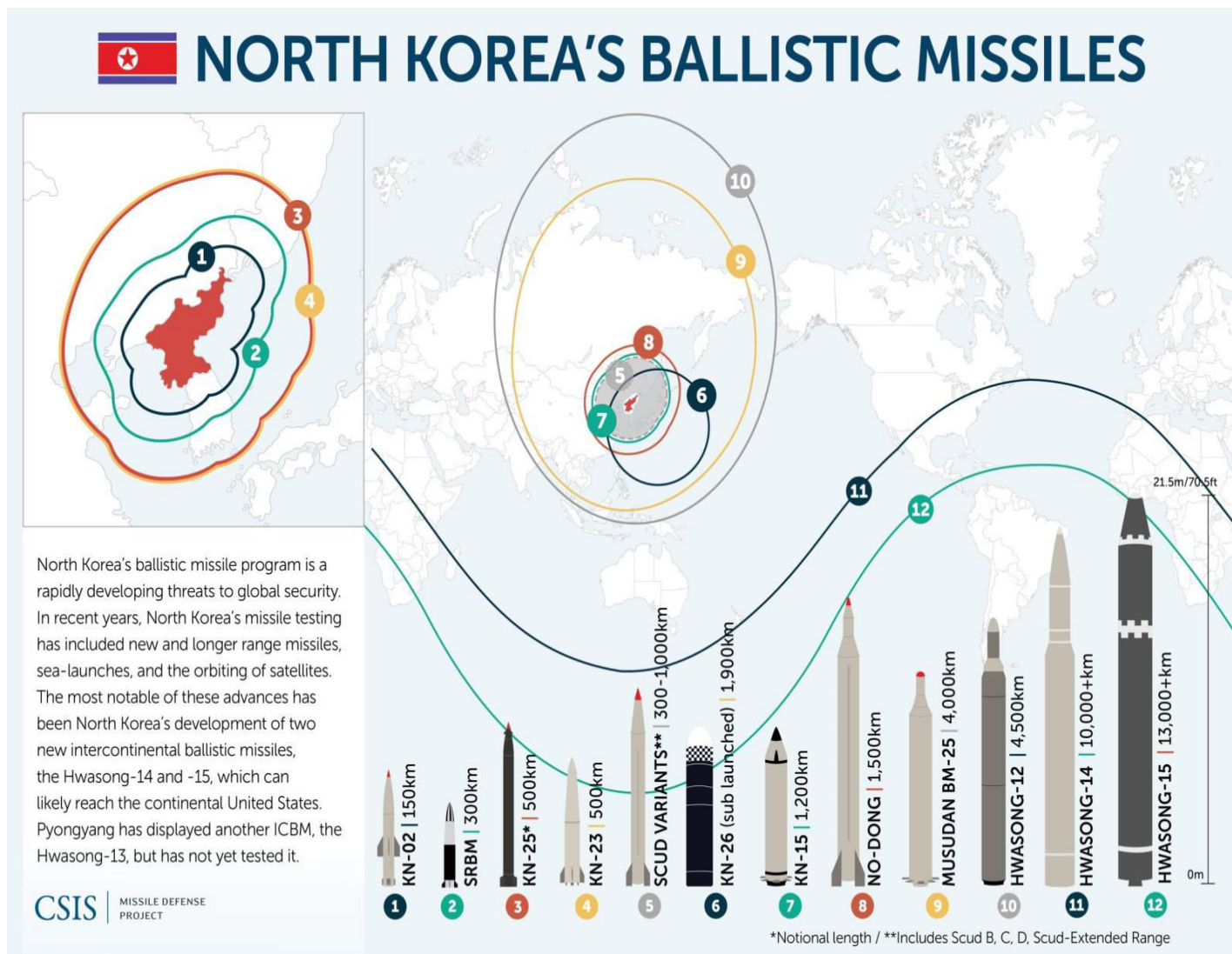
Modi's final stop will be at **Thakurbari** in Orakandi, the **birthplace of the Harichand Thakur** who formed the Matua sect

Matuas migrated from Bangladesh to West Bengal and can be a deciding factor in the upcoming assembly elections in West Bengal

BCCL

- Bangladesh commemorates 50 years of its Liberation movement.
- On March 26, 1971 **Bangladesh Liberation movement** began with the declaration of Independence by the **Mukti Bahini (Freedom Fighters)** led by **Sheikh Mujibur Rahman**.

Korea launches 'ballistic missiles'

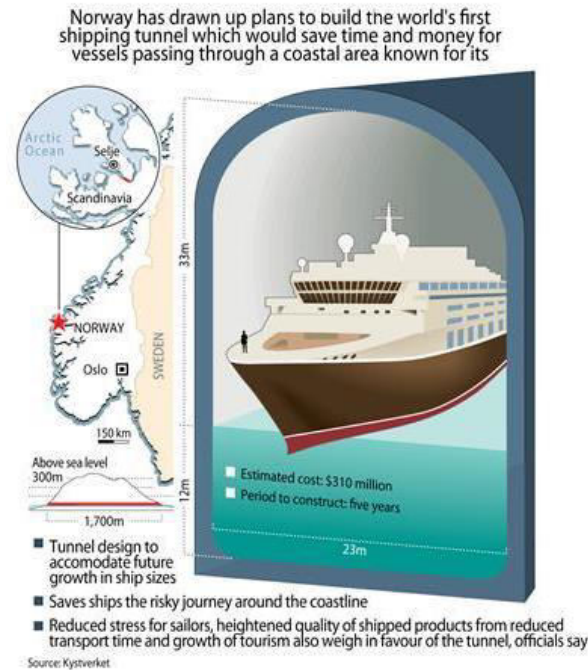


- North Korea fired two suspected ballistic missiles into the sea in its first substantive provocation to the new U.S. administration of Joe Biden.
- North Korea is **banned from developing any ballistic missiles** under **UN Security Council resolutions** and is under **multiple international sanctions** over its weapons programmes.

US proceeding with Digital Services Tax probe against 6 countries, including India

- The US has announced that it is proceeding with the next steps of Digital Services Tax investigations against Austria, India, Italy, Spain, Turkey and the UK that can lead to trade actions against the six trading partners of the country.
- April 2020, India introduced a new tax system called 'Digital Service Tax' for foreign companies providing electronic services in India.

First Ship Tunnel in Norway



- The Norwegian Coastal Administration has received the green signal to start working on the construction of the world's first tunnel.
- This is being built exclusively for ships.
- The tunnel is named as **"Stad Ship Tunnel"**.
- It would be built under the mountainous Stadhøvet peninsula in northwestern Norway.

About the Tunnel:

- The 1.7 km tunnel will be able to handle ships of up to 16,000 tonnes.
- It gives ships a safer passage through the treacherous Stadhøvet Sea.
- The construction would begin in 2022.

International Intellectual Property Index

- India with a score of 38.40 has been ranked 40th out of 53 Global Economies in the 9th Edition of the 'International Intellectual Property (IIP) Index'.
- This index titled 'Recovery through Ingenuity 2021' is released by US Chamber of Commerce Global Innovation Policy Centre (GIPC).
- USA, UK & Germany topped the Index.
- The IIP Index released annually by GIPC evaluates the IP rights, patents, copyright policies, commercialization of IP assets and ratification of International Treaties of 53 Global economies.
- The report states that the overall global IP environment has improved in 2020, with 32 out of 53 Countries recording positive improvements in their score.

India, US begin two-day naval drill in Indian Ocean



- The navies of India and the US started a two-day exercise in the eastern Indian Ocean region, reflecting the growing congruence in their defence and military partnership.
- The Indian Navy deployed its warship INS Shivalik and long-range maritime patrol aircraft P8I in the passage exercise or '**PASSEX**', while the US Navy deployed the USS Theodore Roosevelt carrier strike group.

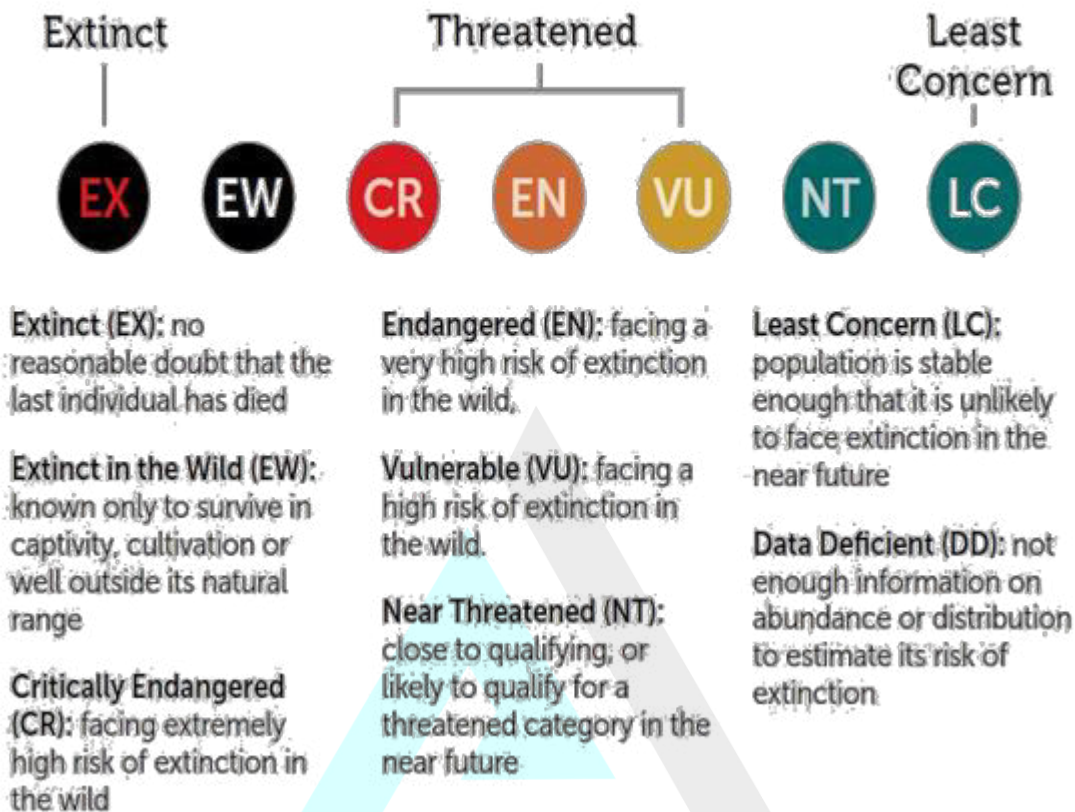
India, South Korea agree to go for joint production, export of military hardware



- The decisions were taken during delegation-level talks between Defence Minister Rajnath Singh and his South Korean counterpart Suh Wook with both sides resolving to give a major push to ramp up ties in strategically key areas.
- The government is working on setting up two defence industrial corridors in the country, one in Uttar Pradesh and another in Tamil Nadu, with an aim to ensure connectivity among various defence industrial units.

Population declines of the African forest and savanna elephant

THE RED LIST CATEGORIES



- The African forest elephant is now listed as critically endangered.
- The African savanna elephant is now listed as endangered.
- It is by the **International Union for Conservation of Nature's Red List of Threatened Species.**
- The two species were previously listed as vulnerable.
- They were previously considered as a single species on the Red List.
- They are now being assessed separately due to the emergence of new genetic evidence, according to the IUCN.
- In addition, the populations rarely intersect, as the forest elephants live in the tropical forests of Central Africa.
- The savanna elephants prefer the open country in Sub-Saharan Africa, which includes grasslands and deserts.
- The number of African elephants decreased by more than 86% over 31 years.
- The African savanna elephant populations fell by at least 60% over the last 50 years, according to the ICUN.
- About 415,000 elephants of both species combined are left on the continent.
- Poaching for ivory and loss of habitat as it is converted primarily to agricultural land use are blamed for the sharp declines.
- These have been occurring since 2008.

India, United States to revamp strategic energy cooperation

- India and the United States on March 29, 2021, agreed to revamp the strategic energy partnership. The decision has been taken to reflect the new priorities of US President Joe Biden and PM Modi with a focus on promoting clean energy with low-carbon pathways and accelerating green energy cooperation.
- Both Pradhan and Granholm, during the virtual meet, agreed to convene the third meeting of a revamped India-US Strategic Energy partnership at an early date.
- There were also talks on the efforts to be intensified in order to take advantage of the advancements of both the countries- rapidly growing India's market and advanced US technologies for a win-win situation through cleaner energy route with low carbon pathways.
- Both the ministers also agreed to prioritize the cooperation in the emerging areas and intensify the industry engagements.
- They also agreed to work with an all-of-the-above approach to expand energy access, strengthen energy security, and mutual economic prosperity.

Joe Biden to announce massive \$2 trillion infrastructure plan



- U.S. President Joe Biden will visit Pittsburgh to announce a massive \$2 trillion infrastructure plan, which will, over eight years, rebuild much of America's infrastructure - from roads and bridges to high speed internet infrastructure and water pipes.
- The legislation, called the American Jobs Plan, is being pitched by the White House as America's response to the climate crisis and "the ambitions of an autocratic China" and is expected to be financed by corporate taxes.

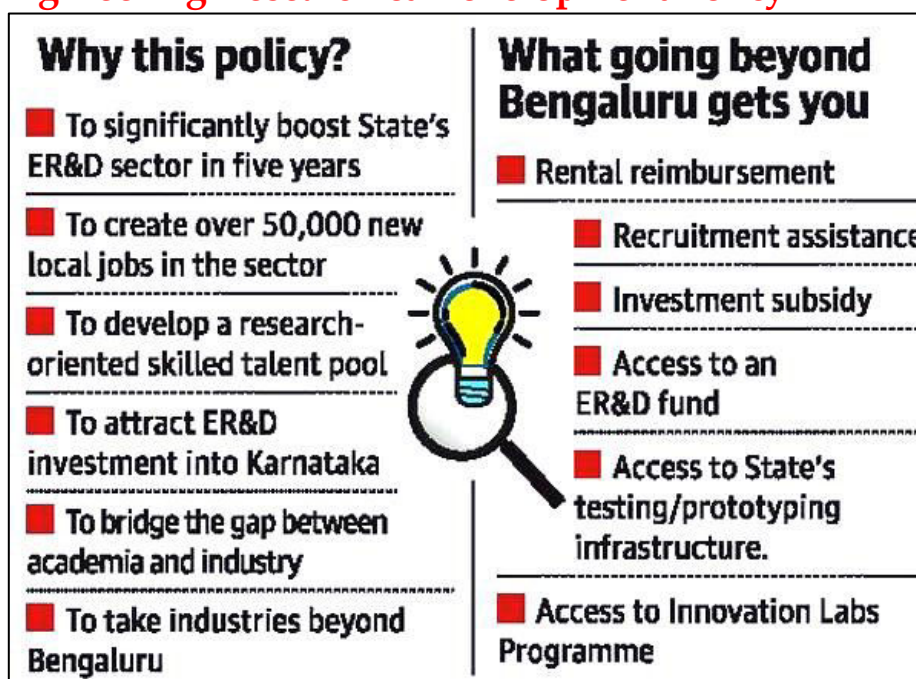
9. OTHER STATE NEWS

Activities which held up in other states of India

Arunachal Pradesh Is Now Coronavirus-Free As Active Case Count Hits Zero

- No fresh COVID-19 case was reported in the past 24 hours, he said, A total of 56 people have so far died due to the contagion in the state.
- Arunachal Pradesh's recovery rate and positivity rate is at 99.66 per cent and zero per cent, respectively, the official said.
- No fresh Covid-19 case was reported in the past 24 hours, claimed reports.

Karnataka's Engineering Research & Development Policy



Significance of ER&D:

- According to industry apex body Nasscom, ER&D has the potential to become a \$100-billion industry in the country in the next five years.
- The ER&D sector in the country is the fastest growing industry with a CAGR of 12.8%. Meanwhile, the global engineering research and development industry is expected to reach a spend of \$2 trillion by 2025.

Highlights of the new policy:

- It seeks to raise contribution to the sector in the country to 45% in the next five years.
- It has the potential to create over 50,000 jobs in the ER&D space in five years.
- The policy aims to prepare the State to make use of the future opportunities emanating from this sector.
- It has identified five key focus sectors such as aerospace and defence; auto, auto components and EV; biotechnology, pharma and medical devices; semiconductors, telecom, ESDM; and software products.



“Himalayan serow” spotted in the Manas Tiger Reserve, Assam

- A Himalayan mammal "Himalayan Serow" has been spotted for the very first time in Assam.
- The Himalayan serow as resembling a cross between a goat, a donkey, a cow, and a pig.



- The Himalayan serow has now been categorised as 'vulnerable' in the IUCN Red List of Threatened Species.
- It is listed under Schedule I of the Wildlife Protection Act, 1972.

EVMs made a shaky start in a Kerala constituency in 1982

மின்னணு வாக்குமயதிவு இயந்திரம்

1982 - பரூர் இடைத்தேர்தல் (கேரளா)
2004 - வொதுத் தேர்தல் (இந்தியா முழுவதும்)
இந்தியாவில் அறிமுகம்

EVM -ன் விலை
தயாரிக்கத் தொடங்கப்பட்ட
1989-90களில் ₹5,500
2019ல் ₹17,000

ஒரு நிமிடத்திற்கு 5 ஓட்டுகளுக்கு மேல் EVM -ல் பதிவு செய்ய முடியாது.
EVM -ல் 16 வேட்பாளர்களின் பெயர்களை இடம்பெறச் செய்ய முடியும்.
அதிகபட்சமாக ஒரு வாக்குச்சாவடியில் 4 EVM களை வைக்கலாம்.

BANNED EVM பயன்பாட்டுக்கு தடை விதித்துள்ள நாடுகள்
இங்கிலாந்து, பிரான்ஸ், ஜெர்மனி, நெதர்லாந்து, அமெரிக்கா

ஒவ்வொரு முறையும் தேர்தலில் தோல்வியுற்ற கட்சிகள் மின்னணு வாக்கு இயந்திரத்தில் முறைகேடு நடைபெற்றுள்ளதாக குற்றம் சாட்டுகின்றன

வாக்குகளை எண்ண எவ்வளவு நேரம்?
வாக்குச்சீட்டு முறை மின்னணு வாக்கு இயந்திரம்
சுமார் 3 நாட்கள் சுமார் 1 நாள்
(தொகுதி எண்ணிக்கையின் அடிப்படையில் மாறுபடும்)

பயன்படுத்தும் நாடுகள்

	இந்தியா		கனடா
	பெல்ஜியம்		பின்லாந்து
	பிரேசில்		இத்தாலி

உள்ளிட்ட 31 நாடுகள்
(ஐனநாயக ரீதியாக தேர்தல் நடைபெறும் 120 நாடுகளில் 31 மட்டுமே EVM பயன்படுத்தப்படுகிறது)



- The use of electronic voting machines (EVMs) was first implemented in some booths of the Paravur Assembly constituency in Ernakulam in the **1982 polling**. This was the **first instance of the use of EVMs in India**.
- However, the use of the EVMs was challenged by the defeated candidate in the Kerala High Court, arguing that the **Representation of the People Act, 1951 and the Conduct of Elections Rules, 1961** did not empower the Election Commission to use EVMs. The High Court refused his plea.
- In 1992, Parliament inserted Section 61A in the Representation of the People Act, 1951 and Conduct of Elections Rules, 1961 validating the use of the EVM and paving way for their use in elections.
- The EC started using EVMs widely only since 1998.
- The new generation of EVMs has **Voter Verified Paper Audit Trail (VVPAT)**, which prints a small slip of paper that carries the name, symbol and the serial number of the candidate.
- The top court has issued directives for using VVPAT to ensure accuracy and fairness in the EVM practice in 2013.

Double-deckers to delight Hyderabad again



- Acting on nostalgia of double-decker buses which once plied the city roads, the Telangana State Road Transport Corporation (TSRTC) had called for tenders for 25 such buses.
- While four companies engaged in vehicle, or bus body manufacturing had taken tender forms, only one has sent its bid.
- The pre-bidding was scheduled to be on February 18, and the last day of submitting the bids was February 25.
- The bidding are Eicher, Veera Vahan, M G, and Ashok Leyland. The sources confirmed that only Ashok Leyland sent the tender.

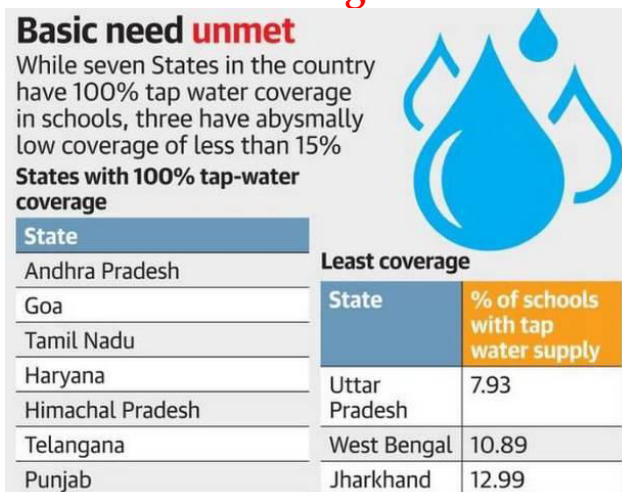
No new taxes in Karnataka budget

- Yediyurappa presents a revenue deficit Budget; proposes to borrow ₹71,332 crore

Highlights

- **25-floor twin towers building in Bengaluru for govt departments offices.** A twin towers building with 25 floors each will be constructed in Anand Rao Circle in Bengaluru spending Rs 400 crores to facilitate the working of all governmental departments, CM Yediyurappa adds.
- Bengaluru: Peripheral ring road project to get Rs 14,500 crore.
- Rs 100 crore to develop lakes in Bengaluru

State of Water Supply in Schools and Anganwadis



- According to information provided to the **Parliamentary Standing Committee on Water Resources**, only half of government schools and anganwadis have tap water supply, despite a **100-day campaign for 100% coverage** being launched by the Jal Shakti Ministry in October 2020.
- The Committee also noted the progress of the flagship **Jal Jeevan Mission**.
- It was launched on **2nd October, 2020 (Gandhi Jayanti)**.
- The 100-day period should have ended on 10th January, 2021.
- **Seven States** - Andhra Pradesh, Goa, Haryana, Himachal Pradesh, Tamil Nadu, Telangana and Punjab - **achieved 100% coverage**.

Muslim league fields female candidate in Kerala polls after 25 years

- For the first time in 25 years, the Indian Union Muslim League (IUML), the second-largest party in Congress-led UDF, is fielding a female candidate in the upcoming Kerala Assembly elections on April 6.
- Noorbina Rasheed will fight the election from the Kozhikode South constituency after Kamarunnisa Anwar lost to CPI(M) in 1996. IUML has announced candidates for 25 Assembly seats.

No outsider bought land in J&K: Government

- More than a year after the **special status of Jammu and Kashmir (J&K) was revoked and the State made a Union Territory**, the administration has identified over 22,000 government jobs but recruitment is yet to take place.
- No person from outside J&K has purchased land in the UT so far, according to information provided by the Ministry of Home Affairs (MHA) to a parliamentary panel.

Telangana budget outlay is ₹2.30 lakh Cr.

- Finance Minister T. Harish Rao presented to the State Assembly budget of Telangana for 2021-22 with a targeted outlay of ₹2.30 lakh crore which is at least ₹48,000 crore more than the proposals for 2020-21 and revised to ₹64,000 crore recently.

Project RE-HAB



ARUL **RE-HAB** DEMY

- A pilot project RE-HAB has been launched in Chelur village in Kodagu, Karnataka.
- Reducing Elephant-Human Attacks using Bees is abbreviated as RE-HAB.
- It involves installing bee boxes along the periphery of the Nagarahole National Park and Tiger Reserve.
- This helps to mitigate human-elephant conflict.
- Project RE-HAB is a sub-mission of the KVIC's National Honey Mission.

Parliament proceedings | More tourists visiting Kashmir, Tourism Minister informs Rajya Sabha

- Tourist inflow in the Union Territory of Jammu and Kashmir has risen from over 3,700 persons in January 2020 to 19,000 persons in January 2021, Tourism Minister Prahlad Singh Patel informed the Rajya Sabha

Six tigers 'missing' in Ranthambore



- Six tigers – four adults and two sub-adults – have been unaccounted for since March 2020 in the Ranthambore tiger sanctuary, Rajasthan. However, State forest officials are not willing to label them “missing” and denied reports that they may have been poached.
- The Ranthambore Reserve is the only source of tigers in the territory with about 53 tigers constituting over 90% of the population in this block, as per the latest census made public last year.

₹1,815 cr. for environment protection at Kadapa steel plant



- As part of its Environment Management Plan (EMP) for the integrated steel plant in Jammalamadugu mandal of Kadapa district, the State government has earmarked approximately ₹1,815 crore towards the capital cost of air, water and noise pollution control, green belt and open area development, rain harvesting structures, occupational health and safety measures etc.

CPWD to Lay Three Roads on the China Border in Ladakh

- Central Public Works Department (CPWD) has floated tenders worth a total of ₹212.99 crore for laying and maintenance of three high altitude roads on the India-China border in Ladakh.
- The projects are titled as "Roads to Indo China Border" from the Indo-Tibetan Border Police bases at Shilung La, Nyakmikle and Hena.

Andhra Pradesh govt. likely to make changes in liquor policy

- The sale of IMFL from April to December 2020 was 126.55 lakh cases against 239.56 lakh cases during the corresponding period in 2019, a drop of 47.17%.
- The sale of beer in 2020 had also gone down to 126.55 lakh bottles against 186.36 lakh cases in 2019, resulting in 80.91% dip in consumption.
- The number of liquor shops were reduced by 33%, from 4,380 to 2,934. In all, 43,000 belt shops had been closed.

Asia's largest tulip garden opens in Srinagar



- The Asia's largest tulip garden was thrown open in Srinagar, with around 4,000 visitors enjoying the bloom of the 25% of the 15 lakh flowers planted over 30 hectares located at the foothills of the Zabarwan Range.

First Govt Run Animal Ambulance Network



- The state government of the Andhra Pradesh has decided to set up "India's first government-run ambulance network" for animals.
- This decision was taken in order to further boost the animal husbandry and veterinary sector in the state.
- The Animal Husbandry Department was directed to set up one Mobile Ambulance Veterinary Clinic at each of the assembly constituency.

27 migratory birds found dead at wildlife sanctuary in Himachal

- As many as 27 migratory birds have been reported dead on account of avian influenza in the Pong Dam Wildlife Sanctuary area of Himachal Pradesh.

Influenza Type A Viruses

Subtypes

- Hemagglutinin (HA)
- Neuraminidase (NA)

(Viruses are divided into subtypes on the basis of two proteins on the surface of the virus)

- 18 known HA subtypes
- 11 known NA subtypes


Different combinations of HA and NA proteins are possible

- An H7N2 virus designates an influenza A virus subtype that has an HA7 protein and an NA2 protein
- H5N1 virus has an HA5 protein and an NA1 protein

All known subtypes of Influenza A viruses can infect birds, except subtypes H17N10 and H18N11, which have only been found in bats

Influenza A H5

- There are nine known subtypes of H5 viruses
- H5N1, H5N2, H5N3, H5N4, H5N5, H5N6, H5N7, H5N8, H5N9



Pong Dam Wildlife Sanctuary:



- The Pong Dam also called the Beas dam is an artificial embankment Dam constructed across the Beas river in Himachal Pradesh.
- The Reservoir created by the dam is called Maharana Pratap Sagar and is a renowned Bird Sanctuary.
- The dam was constructed for hydroelectric power generation and irrigation.
- Pong Dam Wildlife Sanctuary is also a Ramsar Site.
- Maharana Pratap Sagar is located in the wetland zone of Shivalik Hills.

Note:

- Earlier in January 2021, avian influenza (H5N1) led to the death of over 5,000 migratory birds in the Pong Dam Wildlife Sanctuary area.

Kurnool Airport inaugurated in Andhra Pradesh

- Union Minister for Civil Aviation Hardeep Singh Puri and Andhra Pradesh Chief Minister YS Jaganmohan Reddy inaugurated Kurnool Airport at Orvakal in Andhra Pradesh.
- Kurnool is the sixth airport in Andhra Pradesh to become functional after Kadapa, Visakhapatnam, Tirupati, Rajahmundry and Vijayawada.
- The flight operations at Kurnool airport will commence under the Regional Connectivity Scheme - Ude Desh Ka Aam Nagrik (RCS-UDAN).
- Direct flight operations to Bengaluru, Vishakhapatnam and Chennai will bring the region closer to the major hubs in South India.
- These routes were approved by MoCA under the UDAN-4 bid process in 2020.

Kurnool

- Kurnool is the judicial capital of Andhra Pradesh.
- The city of Kurnool lies on the banks of Tungabhadra river.
- The Nallamalas mountain range runs parallel to it.

10. SPORTS NEWS

Its about sports and gaming

Indian shuttlers Varun, Malvika win Uganda International titles



- India's Varun Kapur and Malvika Bansod clinched the men's and women's singles titles respectively at the 2021 Uganda International Badminton tournament in Kampala.
- Varun beat compatriot Sankar Muthusamy 21-18, 16-21, 21-17 in the men's singles final. Malvika beat compatriot Anupama Upadhyaya in the women's singles summit clash 17-21, 25-23, 21-10.

Kieron Pollard hits six sixes in an over off hat-trick man Dananjaya



SIX SIXES IN AN OVER				
INTERNATIONAL CRICKET: ODIs				
BATSMAN	BOWLER	MATCH	VENUE	YEAR
Herschelle Gibbs	Daan van Bunge	South Africa v Netherlands	St. Kitts	2007
T20Is				
BATSMAN	BOWLER	MATCH	VENUE	YEAR
Yuvraj Singh	Stuart Broad	India v England	Durban	2007
Kieron Pollard	Akila Dananjaya	West Indies v Sri Lanka	Antigua	2021
DOMESTIC CRICKET: FIRST CLASS				
BATSMAN	BOWLER	MATCH	VENUE	YEAR
Sir Garfield Sobers	Malcolm Nash	Nottinghamshire v Glamorgan	Swansea	1968
Ravi Shastri	Tilak Raj	Bombay v Baroda	Bombay	1985
T20s				
BATSMAN	BOWLER	MATCH	VENUE	YEAR
Ross Whiteley	Karl Carver	Worcestershire Rapids v Yorkshire Vikings	Headingley	2017
Hazratullah Zazai	Abdullah Mazari	Kabul Zwanan v Balkh Legends	Sharjah	2018
Leo Carter	Anton Devcich	Canterbury Kings v Northern Knights	Christchurch	2020

- Kieron Pollard became the third batsman in the history of international cricket to hit six 6s in an over.
- Kieron Pollard hit 6 sixes in Sri Lanka's Akila Dananjaya's over in a T20I in Antigua.
- The former South Africa opener Herschelle Gibbs achieved the feat first - in a World Cup 2007 match against the Netherlands.
- Pollard is the only 2nd batsman after Yuvraj Singh to achieve the feat in T20Is.

Neeraj Chopra Creates New National Record in Javelin



- Star javelin thrower Neeraj Chopra began the 2021 season with an outstanding performance and a new national mark -- of 88.07 metres -- in the third leg of the one-day Indian Grand Prix meet at Patiala's National Institute of Sports.
- The 23-year-old athlete from Panipat hurled the javelin to the record distance in his fifth attempt to improve his previous best of 88.06m recorded on his way to winning the 2018 Asian Games gold in Indonesia.

Sarita wins silver, Kuldeep bags bronze in Matteo Pelicone tourney



- India's Sarita Mor (silver) and Kuldeep Malik (bronze) bagged medals in their respective events at the Matteo Pellicone Ranking Series wrestling event in Rome. Indian grapplers secured three medals in the Greco-Roman category, taking India's tally to five medals
- Asian champion Sarita beat Kazakhstan's Altynay Satylgan 4-1 in the women's 57kg quarterfinals and then defeated Emma Tissina by a fall in the semifinals to assure herself of a silver. Later, Sarita went down 4-2 to Giullia Penalber of Bulgaria in the title bout to settle for the silver. The other Indian in the same weight category, Anshu Malik lost 10-7 to Penalber in the semifinals.
- Malik had won a silver medal in the event last year.

Bajrang Punia wins gold at Rome Ranking Series



- After Vinesh Phogat grabbed the 53kg gold medal along with the World Number one rank, Bajrang Punia won the gold in the men's 65kg event at the Matteo Pellicone Ranking Series.

Mithali Raj

	M	Inns	Runs	HS	Avg.	50s/100s
Tests	10	16	663	214	51.00	4/1
ODIs	212	191	6974	125*	50.53	54/7
T20Is	89	84	2364	97*	37.52	17/0

- Mithali Raj on became the first Indian woman to score 10,000 runs in international cricket across all formats.
- Mithali achieved the milestone during India vs South Africa third ODI in Lucknow.
- Mithali became only the second women's cricketer to achieve the feat.
- England's Charlotte Edwards was the first female cricketer to reach the milestone.

Vijay Hazare Trophy Final: Mumbai Beat Uttar Pradesh By 6 Wickets To Win Title

- Mumbai win by 6 wickets! Just 41.3 overs to chase down a mammoth 313-run target against a good UP bowling attack. In a fairytale ending Aditya Tare, the unbeaten centurion of the match, finished the game with a four.
- This was his first List A hundred! Mumbai have lifted their 4th Vijay Hazare Trophy title.

Year	Final host	Winner	Runner-up
2002-03	<i>no final</i>	Tamil Nadu	Punjab
2003-04	<i>no final</i>	Mumbai	Bengal
2004-05	Mumbai	Shared: Tamil Nadu (2) and Uttar Pradesh	
2005-06	Mumbai	Railways	Uttar Pradesh
2006-07	Jaipur	Mumbai (2)	Rajasthan
2007-08	Visakhapatnam	Saurashtra	Bengal (2)
2008-09	Agartala	Tamil Nadu (3)	Bengal (3)
2009-10	Ahmedabad	Tamil Nadu (4)	Bengal (4)
2010-11	Indore	Jharkhand	Gujarat
2011-12	Delhi	Bengal	Mumbai
2012-13	Visakhapatnam	Delhi	Assam
2013-14	Kolkata	Karnataka	Railways
2014-15	Ahmedabad	Karnataka (2)	Punjab (2)
2015-16	Bengaluru	Gujarat	Delhi
2016-17	Delhi	Tamil Nadu (5)	Bengal (5)
2017-18	Delhi	Karnataka (3)	Saurashtra
2018-19	Bengaluru	Mumbai (3)	Delhi (2)
2019-20	Bengaluru	Karnataka (4)	Tamil Nadu
2020-21	Delhi	Mumbai (4)	Uttar Pradesh

Muguruza's Dubai delight as Spaniard lands long-awaited title



- Garbine Muguruza landed her first title in almost two years with victory over Barbora Krejckova Dubai Tennis Championships final.
- The former French Open and Wimbledon champion has produced some of the best tennis on tour this year but had gone without a trophy to back that up.
- However, she put that right with a 7-6 (8-6) 6-3 victory over surprise finalist Krejckova, a doubles specialist who has never ranked inside the top 50 in singles.

TN's Dhanalakshmi clocks 23.26 secs in 200m semifinals, breaks PT Usha's meet record



- Dhanalakshmi ran a meet record time of 23.26 seconds in the Federation Cup National Senior Athletics Championships.
- A day after beating national record holder Dutee Chand in the 100m final, S Dhanalakshmi of Tamil Nadu beat star athlete Hima Das in the 200m semifinal heats, too.
- Dhanalakshmi ran a meet record time of 23.26 seconds in the Federation Cup National Senior Athletics Championships in Punjab's Patiala. What makes this victory even interesting is that Dhanalakshmi beat PT Usha's 23-year-old, long-standing meet record of 23.30 seconds set in Chennai in 1998.

Federation Cup Senior National Athletics Championships 2021

- Tamil Nadu won two gold medals at the Federation Cup Chinese National Athletics Championships.
- Tamil Nadu's P. Veeramani (14.57 seconds) topped the men's 110m hurdles. Karnataka's Srikanth Madhya (14.85) and Andhra Pradesh's Yashwant Kumar Laveti (15.01) won silver and bronze respectively.
- Similarly, in the women's 100m hurdles, Tamil Nadu's C. Kanimozhi won the gold in 13.63 seconds.

Russia's Aslan Karatsev seals maiden ATP title



- Russian Aslan Karatsev continued his remarkable season by winning his first ATP Tour title, beating Lloyd Harris in the Dubai final.
- The 27-year-old, who became the first man to reach the semi-finals on their Grand Slam debut in the Open era at the Australian Open, cruised past South African Harris 6-3, 6-2.

Arjun Kadhe, Rashmika Bhamidipaty become national champions

- Maharashtra's Arjun Kadhe and Telangana's Rashmika Bhamidipaty emerged the new national champions after winning their respective finals at the 2020 The Project Tennis Hard Court Championships.
- Kadhe, who trains in Pune and has the experience of competing at higher level, got the better of Tamil Nadu's Prithvi Sekhar 6-3 6-4 in the men's singles summit clash.
- Sekhar had knocked out the 2019 champion Niki Poonacha in the semifinals. Second seed Rashmika toppled Gujarat's Vaidehi Chaudhari 6-2 7-6(2) in the women's singles final.
- Both Kadhe and Rashmika lost just one set each on their way to the final.

Shooting World Cup: India asserts prowess with three more golds

- India's Divyansh Singh Panwar and Elavenil Valarivan produced some excellent shooting to comfortably claim the gold medal in the 10m mixed air rifle event of the ISSF World Cup.
- The India duo shot a combined total of 16 in the gold medal match to finish ahead of Hungarian world number one Istvan Peni and Eszter Denes who managed 10.

Shooting World Cup | Angad-Ganemat combine on target



- India captured another gold as Angad Vir Singh Bajwa and Ganemat Sekhon won the mixed skeet event, beating Kazakhstan 33-29, in the shooting World Cup at the Dr. Karni Singh Range.
- There was an assurance about the way the Indian pair went about the task, as it topped qualification with 141, with Angad shooting 72 out of 75, winding up nicely with a perfect 25.

Shooting World Cup: Gold, silver, bronze for India in 25m pistol women

- India's Chinki Yadav, Rahi Sarnobat and Manu Bhaker, all Tokyo Olympics quota holders, produced magical shooting to win gold, silver and bronze, respectively, in the women's 25m pistol event at the ongoing ISSF World Cup at the Karni Singh Shooting Range.

Shooting World Cup: Tejaswani, Vijayveer taste success

- With only two teams in the 25m rapid fire pistol team event, Tejaswani and Vijayveer Sidhu beat Abhidnya Patil and Gurpreet Singh to claim the gold.



ARUL IAS ACADEMY

11. IMPORTANT DAYS

Its about significance of special days

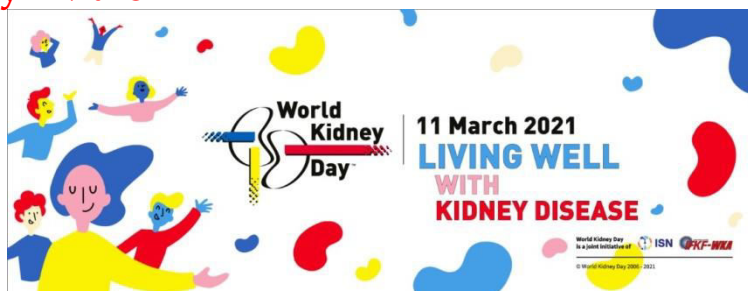
- National Vaccination Day - March 16
- World Consumer Rights Day - March 15
- International Day of Mathematics - March 14
- International Day of Action for Rivers 2021 - March 14

CISF Raising day - March 10



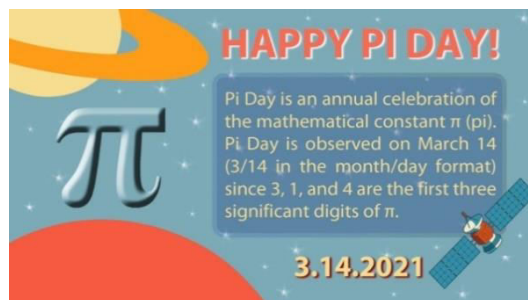
- 50th Raising Day of the CISF was celebrated this year.
- CISF was established on 10 March 1969.
- It is a Central Armed Police Force (CAPF) in India.
- It is directly under the Union Ministry of Home Affairs and not the Ministry of Defence.
- Its headquarters is at New Delhi.
- The Director-General of CISF is Rajesh Ranjan, IPS.
- CISF protects the country from some vital installations in the aerospace, nuclear, government, and private sectors.
- It also plays a major role in Disaster Management.

World Kidney Day - March 11



- World Kidney Day is a global campaign aimed at raising awareness of the importance of our kidneys.
- World Kidney Day is a joint initiative of the International Society of Nephrology (ISN) and the International Federation of Kidney Foundations (IFKF).
- World Kidney Day was started in 2006.
- This year the theme of this day is "Living Well with Kidney Disease".

Pi Day - March 14



- Pi is the ratio of a circle's circumference to its diameter.
- The value of Pi is 3.14 and the initial of the number is 3.
- Thus, it is observed in March as it is the third month in the annual calendar.
- The symbol of Pi was discovered by William Jones in the year 1706.
- The value of the Pi was first calculated by Mathematician, Archimedes of Syracuse.
- UNESCO started observing Pi Day as 'International Day of Mathematics' from the year 2019.
- Pi Approximation Day is observed on July 22 (22/7 in the day/ month format).

International Day of Action for Rivers - March 14



- This year, it is the 24th edition of the International Day of Action for Rivers.
- It is a day dedicated to save, celebrate and make people around us aware about our life-giving source of water.
- Theme of the year 2021 is 'Rights of Rivers'.

National Vaccination Day - March 16



- The National Vaccination Day is celebrated every year on March 16 in India.
- It is also called the National Immunization Day.
- This day is to convey the importance of vaccination to the entire nation.
- The day was first observed in the year 1995.
- It was in 1995 India started the Pulse Polio Programme.
- The first dose of Oral Polio Vaccine was given.

World Glaucoma Week 2021



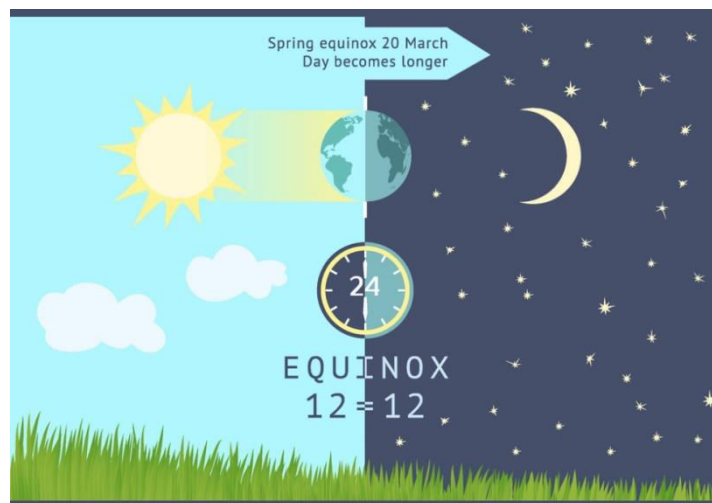
- Glaucoma is the second most common cause of blindness worldwide.
- World Glaucoma Week is a global joint initiative between the World Glaucoma Association and the World Glaucoma Patient Network.
- The goal is to alert everyone to have regular eye (and optic nerve) checks in order to detect glaucoma as early as possible.
- World Glaucoma Day is observed every year on March 12.
- Glaucoma is one of the leading causes of irreversible blindness.
- But with early treatment, the damage may get limited and sight may be saved.

World Consumer Rights Day - March 15



- The 2021 theme is "Tackle Plastic Pollution".
- The history of World Consumer Rights Day starts with the USA President John F Kennedy.
- On March 15, 1962, he sent a special message to the US Congress to address the consumer rights issue.
- He was the first world leader to do so.
- The first World Consumer Rights Day was observed on 15 March 1983.

The Spring Equinox - March 20



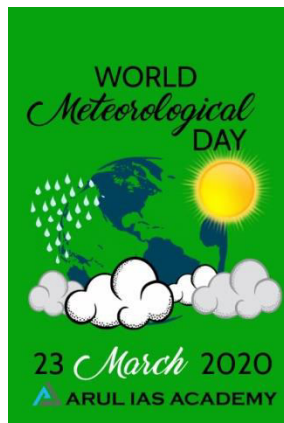
- The Spring Equinox is also known as “**Vernal Equinox**”.
- In the year 2021, it will fall on March 20, 2021.
- March 20 is the most common date for the Spring Equinox.
- However, it can occur on any date between 19 to 21 March.
- March 20 is considered as the first day of the spring as per the astronomical calculation of the seasons.
- The date is based on the two equinoxes and solstices.
- The astronomical spring will end on June 21, 2021 which is called as the summer solstice.

International Day for the Elimination of Racial Discrimination - March 21



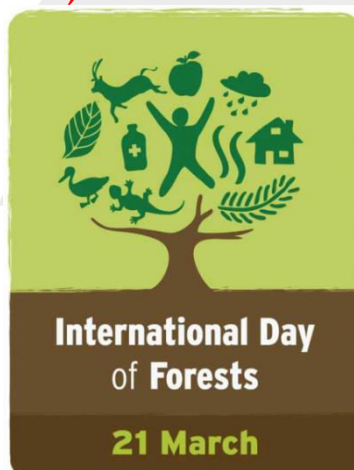
- In 1966, the United Nations General Assembly called on the international community to redouble its efforts to eliminate all forms of racial discrimination.
- On that day, in 1960, police opened fire at a peaceful demonstration in Sharpeville, South Africa, against the apartheid pass laws.
- This year, the theme for this day is "Youth standing up against racism."

World Meteorological Day - March 23



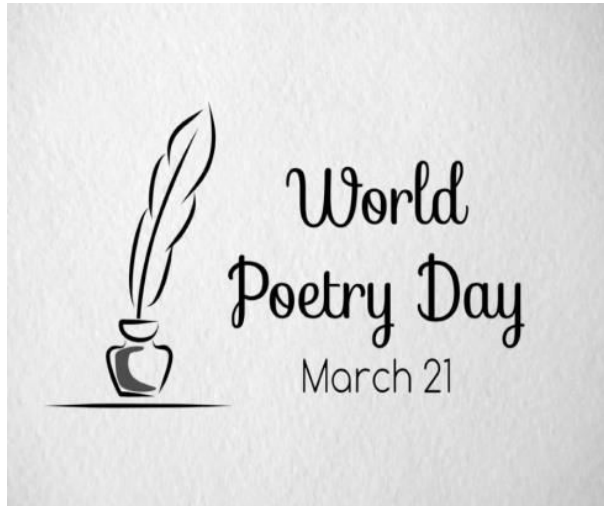
- It is observed as a celebration of the establishment of the World Meteorological Organisation (WMO).
- The World Meteorological Day has been observed on March 23 each year since 1961.
- The WMO came into existence on March 23, 1950.
- The theme for this year is 'The Ocean, our climate and weather'.
- It is in conjunction with the launch of the United Nations Decade of Ocean Science for Sustainable (2021-30).
- The International Meteorological Organization was established at the first International Meteorological Congress in Vienna, Austria, in 1873.
- The International Meteorological Organization became the World Meteorological Organization on March 23, 1950.

International Day of Forests (IDF) - March 21



- It was observed for the first time in 2013.
- The theme for 2021 is "Forest restoration: a path to recovery and well-being".
- The organizers are the United Nations Forum on Forests and the Food and Agriculture Organization of the United Nations (FAO).
- This year's theme fits into the UN Decade on Ecosystem Restoration (2021-2030), a call for the protection and revival of ecosystems around the world.
- The International Year of Forests is established by the United Nations General Assembly in 2011.

World Poetry Day - March 21



- It was declared by UNESCO (the United Nations Educational, Scientific and Cultural Organization) in 1999.
- It is with the aim of supporting linguistic diversity through poetic expression and increasing the opportunity for endangered languages to be heard.

World Down Syndrome Day (WDSD) - March 21



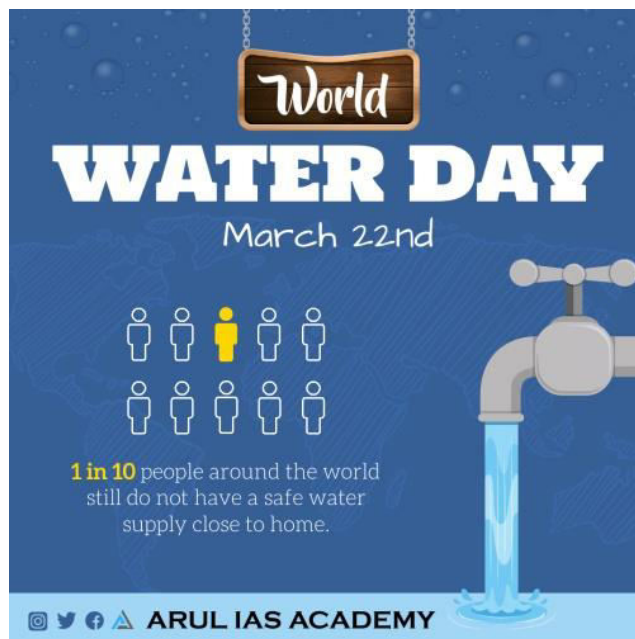
- It was declared by the United Nations General Assembly in 2011.
- The 21st day of March (the 3rd month of the year) was selected to signify the uniqueness of the triplication (trisomy) of the 21st chromosome
- Down syndrome is a genetic disorder caused by the presence of all or part of a third copy of chromosome 21.

World Oral Health Day - March 21



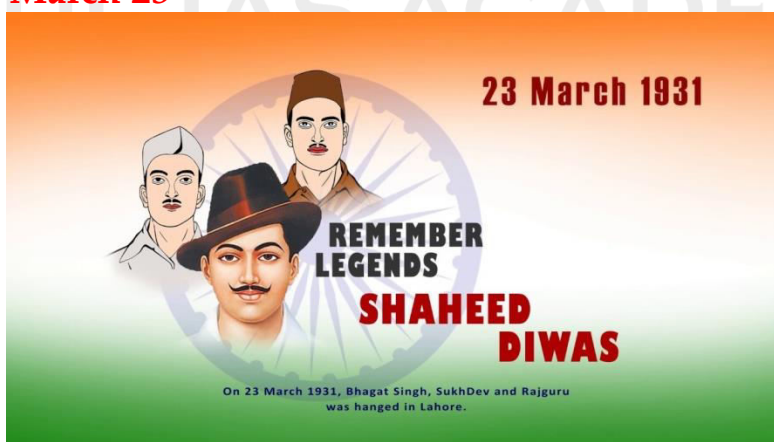
- The theme for the next three years, 2021-2023 is "Be Proud Of Your Mouth".
- It is an initiative of FDI World Dental Federation.

World Water Day - March 22



- The first World Water Day, designated by the United Nations, was in 1993.
- UN-Water is the convener for World Water Day
- The UN World Water Development Report (WWDR) is released each year around World Water Day.
- The day is used to advocate for the sustainable management of freshwater resources.
- The theme for 2021 was "Valuing Water" and "a conversation about what water means to you".
- The theme of each day focuses on topics relevant to clean water, sanitation and hygiene (WASH), which is in line with the targets of Sustainable Development Goal 6.

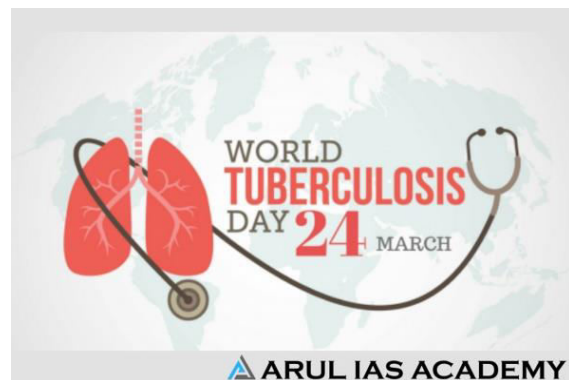
Shaheed Diwas - March 23



- On March 23, the three freedom fighters - Bhagat Singh, Shivaram Rajguru and Sukhdev Thapar were hanged to death by Britishers.
- March 23 is observed as 'Shaheed Diwas' to pay tribute to this trio.
- They were hanged for killing British police officer J.P. Saunders.
- The trio wanted to avenge the death of Lala Lajpat Rai.

World Tuberculosis Day - March 24

- 24 March commemorates the day in 1882 when Dr Robert announced that he had discovered the cause of tuberculosis, the TB bacillus.
- The theme of World TB Day 2021 - 'The Clock is Ticking'.
- Tuberculosis is one of the biggest health issues in India.
- It is caused by a bacterium called Mycobacterium tuberculosis.
- These bacteria attack the lung, kidney, spine, and brain.
- In 2020 the Indian government announced to eliminate TB from the country by 2025 through its National TB Elimination Program.
- Nikshay Poshan Yojana is a government scheme in India to provide 500 rupees per month for tuberculosis patients to buy food.
- It is one of eleven official global public health campaigns marked by the World Health Organization (WHO).
- These are
 - World Health Day
 - World Chagas Disease Day
 - World Blood Donor Day
 - World Antimicrobial Awareness Week
 - World Immunization Week
 - World Malaria Day
 - World No Tobacco Day
 - World Hepatitis Day
 - World Patient Safety Day
 - World AIDS Day



International Day of Remembrance of the Victims of Slavery and the Transatlantic Slave Trade - March 25

- The International Day is observed to offer opportunity to honour and remember those who suffered and died at the hands of the brutal slavery system.
- The International Day also aims to raise awareness about the dangers of racism and prejudice today.
- In order to permanently honour the victims, a memorial has been erected at United Nations Headquarters in New York.

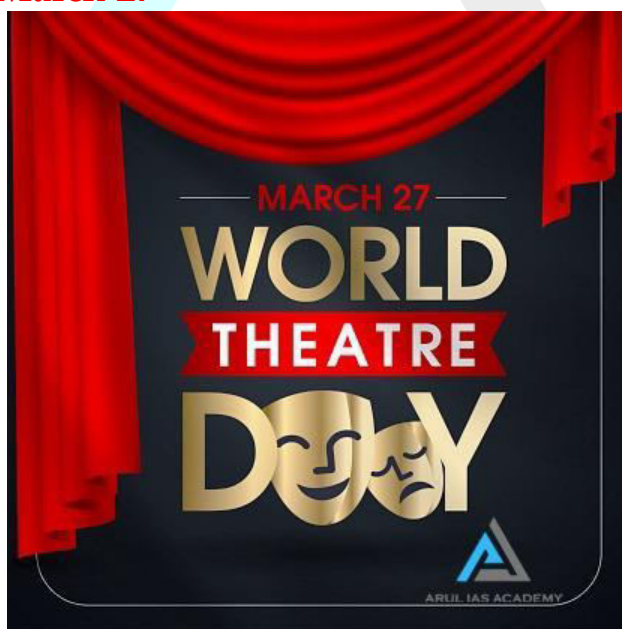


International Day of Solidarity with Detained and Missing Staff Members - March 25



- The International Day of Solidarity with Detained and Missing Staff Members is marked each year on the anniversary of the abduction of Alec Collett.
- He is a former journalist who was working for the United Nations Relief and Works Agency for Palestine Refugees in the Near East.
- He was abducted by armed gunman in 1985.
- His body was finally found in Lebanon's Bekaa Valley in 2009.
- This is a day to mobilize action, demand justice and strengthen our resolve to protect UN staff and peacekeepers, as well as our colleagues in the non-governmental community and the press.

World Theatre Day - March 27



- The World Theatre Day is celebrated annually by ITI centers and the international theatre community.
- It is celebrated to raise the importance of theatre arts, how they played an important role in the field of entertainment, and the changes that theatre brings in life.
- World Theatre Day was initiated in 1961 by the International Theatre Institute ITI.

The Earth Hour 2021 - March 27



- Every year, the Earth Hour is celebrated worldwide on the last Saturday of March month.
- This is to show support for the fight against climate change and commitment towards a better planet.
- The Earth Hour 2021 theme will focus on “Climate Change to Save Earth.”
- The Day is a worldwide movement organized by the World-Wide Fund for Nature (WWF).
- It encourages individuals, communities, corporates, and households to turn off their lights for one hour, from 8:30 to 9:30 p.m.
- It was started as a lights-off event in Sydney, Australia, in 2007.

ARUL IAS ACADEMY



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SINCE 2014

TNPSC GROUP 1 MAINS 2020/2021 TEST SERIES

EXCLUSIVE

- ▲ **GROUP 1 MAINS TEST SERIES**
- ▲ **TOTAL NUMBER OF TEST : 27**
- ▲ **PAPER WISE TEST : 24**
- ▲ **MOCK TEST TEST : 3**

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KEY FEATURES

- ONLINE , POSTAL AND CLASSROOM BATCH AVAILABLE
- ANSWER KEY FORMAT FOR EACH TEST
- AFTER COMPLETION OF ONE TEST , NEXT TEST WILL BE PROVIDED ONLY AFTER SUBMISSION AND EVALUATION
- CLASSROOM BATCH ONLY @KARUR
(DISCUSSION FOR EACH TEST)
- FOR POSTAL STUDENTS REFERENCE MATERIAL WILL BE PROVIDED FOR EACH TEST
- TEST WILL BE CONDUCTED ON BOTH TAMIL AND ENGLISH LANGUAGE
- QUESTIONS WILL BE OF RECENT TREND AS PER TNPSC PATTERN

TEST SCHEDULE

TOTAL MODULES : 9 AND MOCK TEST

▲ **MODULE 1:**

INDIAN POLITY

NO. OF TEST :4 (TEST NO.1 TO TEST NO.4)

▲ **MODULE 2:**

SCIENCE AND TECHNOLOGY

NO. OF TEST :3(TEST NO.5 TO TEST NO.7)

▲ **MODULE 3:**

TAMIL SOCIETY AND CULTURE

NO. OF TEST : 2 (TEST NO.8 TO TEST NO.9)

▲ **MODULE 4:**

GEOGRAPHY OF INDIA

NO. OF TEST : 3 (TEST NO.10 TO TEST NO.12)

▲ **MODULE 5:**

ENVIRONMENT, BIODIVERSITY

NO. OF TEST : 2 (TEST NO.13 TO TEST NO.14)

▲ **MODULE 6:**

INDIAN ECONOMY

NO. OF TEST :3 (TEST NO.15 TO TEST NO.17)

▲ **MODULE 7:**

MODERN HISTORY OF INDIA AND INDIAN CULTURE

GENERAL APTITUDE & MENTAL ABILITY (SSLC Standard)

NO. OF TEST :3 (TEST NO.18 TO TEST NO.20)

▲ **MODULE 8:**

SOCIAL ISSUES IN INDIA AND TAMIL NADU

GENERAL APTITUDE & MENTAL ABILITY (SSLC Standard)

NO. OF TEST :3 (TEST NO.21 TO TEST NO.23)

▲ **MODULE 9:**

CURRENT AFFAIRS

NO. OF TEST :1 (TEST NO.24)

▲ TEST NO.25 PAPER 3(FULL LENGTH TEST)

▲ TEST NO.26 PAPER 2(FULL LENGTH TEST)

▲ TEST NO.27 PAPER 1(FULL LENGTH TEST)

MODULE 1

NO. OF TEST: 4 (TEST NO.1 TO TEST NO.4)

SUBJECT: PAPER - II

UNIT- I : INDIAN POLITY

TEST NO.	SUBJECT/PORTION
1.	<p>UNIT- I : Indian Polity and emerging political trends across the world affecting India</p> <p>Constitution of India: Historical background - Making of the Indian Constitution - Preamble - Salient features of the Indian Constitution - Fundamental Rights and Fundamental Duties - Directive Principles of State Policy - Schedules to the Indian Constitution. Union Executive: President, Vice - President, Prime Minister and Council of Ministers, Attorney General of India. Union Legislature: Parliament: Lok - Sabha and Rajya - Sabha - Composition, Powers, Functions and Legislative procedures. Union Judiciary: Structure, Powers and Functions of the Supreme Court - Judicial Review - Latest Verdicts</p>
2.	<p>UNIT- I : Indian Polity and emerging political trends across the world affecting India</p> <p>State Executive: Governor, Chief Minister - Speaker and Council of Ministers , Advocate General of the State. State Legislature: State Legislative Assembly - Organization, Powers and Functions. State Judiciary: Organisation, Powers and Functions of High Courts, District Courts and Subordinate Courts. Local Government: Historical Development - Features and working of 73rd and 74th Constitutional Amendment Act, 1992. Union Territories: Evolution of States and Union Territories - Administration of Union Territories. Federalism in India: Centre - State Relations - Centre - State Administrative Relations - Centre - State Legislative Relations and Centre - State Financial Relations.</p>
3.	<p>UNIT- I : Indian Polity and emerging political trends across the world affecting India</p> <p>Civil Services in India: Historical background - Classification of Civil Services - Recruitment & Training of Civil Servants. State Services: Classification of State Services and Recruitment. Official Language: Constitutional provision - Official Language Act, VIII Schedule to the Constitution. Amendments: Major Amendments to the Indian Constitution. Special Status to Jammu & Kashmir: Art 370.</p>

UNIT- I : Indian Polity and emerging political trends across the world affecting India

Political Parties: National & Regional parties, Pressure Groups, Interest Groups, Public Opinion, Mass Media, Non-Governmental Organizations (NGOs) and their role. **Issue Areas in Indian**

Administration: Corruption in India - Anti - Corruption Measures - CVC - Lok Adalats - Ombudsman - RTI Act - Minister - Secretary Relationship - Generalist Vs. Specialist controversy.

4.

Constitutional and Non-Constitutional Bodies - Composition, Powers and Functions. **Profile of States** - Defence, National Security and Terrorism - World Organisations - Pacts and Summits. **India's Foreign Policy:** Foreign Affairs with Special emphasis on India's relations with neighbouring countries and in the region - Security and defence related issues - Nuclear Policy - Issues and conflicts. The Indian Diaspora and its contribution to India and to the World.



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MODULE 2

NO. OF TEST :3 (TEST NO.5 TO TEST NO.7)

SUBJECT: PAPER - II

UNIT - II : ROLE AND IMPACT OF SCIENCE AND TECHNOLOGY IN
THE DEVELOPMENT OF INDIA

TEST NO.	SUBJECT/PORTION
5.	<p>UNIT - II : Role And Impact Of Science And Technology In The Development Of India</p> <p>Health and hygiene - Human diseases - Prevention and remedies - Communicable diseases and non-communicable diseases - Genetic Engineering - Organ transplantation - Stem cell Technology - Medical Tourism - Advancements in Horticulture & Agriculture.</p>
6.	<p>UNIT - II : Role And Impact Of Science And Technology In The Development Of India</p> <p>Science and Technology - Role, Achievements and Developments - Their applications and effects in everyday life - Energy - Conventional and Non-conventional - Self-sufficiency - Oil exploration - Defence Research Organizations and other science and technology institutions - Ocean Research and Development - Role and Functions.</p>
7.	<p>UNIT - II : Role And Impact Of Science And Technology In The Development Of India</p> <p>Advancements in the fields of I.T., Space, Computers, Robotics, Nano-Technology - Mobile Communication - Remote sensing and its benefits. Achievements of Indians in the fields of Science and Technology. Latest inventions in science & technology.</p>

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MODULE 3

NO. OF TEST :2 (TEST NO.8 TO TEST NO.9)

SUBJECT: PAPER - II

UNIT - III : TAMIL SOCIETY - ITS CULTURE AND HERITAGE

(Candidates may answer the questions in this unit
EITHER in Tamil OR in English)

TEST NO.	SUBJECT/PORTION
8.	<p>UNIT - III : TAMIL SOCIETY - ITS CULTURE AND HERITAGE</p> <ol style="list-style-type: none">1) Tamil Society : Origin and expansion.2) Art and Culture : Literature, Music, Film, Drama, Architecture, Sculpture, Paintings and Folk Arts.3) Socio - economic history of Tamil Nadu from Sangam age to till date.4) Growth of Rationalist, Dravidian movements in Tamil Nadu - Their role in the socio - economic development of Tamil Nadu.5) Social and cultural life of contemporary Tamils : Caste, Religion, Women, Politics, Education, Economy, Trade and relationship with other countries.6) Tamil and other Disciplines: Mass Media, Computer etc.
9.	<p>UNIT - III : TAMIL SOCIETY - ITS CULTURE AND HERITAGE</p> <ol style="list-style-type: none">1) Tamil Society : Origin and expansion.2) Art and Culture : Literature, Music, Film, Drama, Architecture, Sculpture, Paintings and Folk Arts.3) Socio - economic history of Tamil Nadu from Sangam age to till date.4) Growth of Rationalist, Dravidian movements in Tamil Nadu - Their role in the socio - economic development of Tamil Nadu.5) Social and cultural life of contemporary Tamils : Caste, Religion, Women, Politics, Education, Economy, Trade and relationship with other countries.6) Tamil and other Disciplines: Mass Media, Computer etc.

MODULE 4

NO. OF TEST :3 (TEST NO.10 TO TEST NO.12)

SUBJECT: PAPER - III

UNIT-I : GEOGRAPHY OF INDIA WITH SPECIAL REFERENCE TO
TAMILNADU

TEST NO.	SUBJECT/PORTION
10.	<p>UNIT-I : GEOGRAPHY OF INDIA WITH SPECIAL REFERENCE TO TAMILNADU</p> <p>Location - Physical features - Major Rivers - Weather & Climate - Monsoon, Rainfall - Natural resources:- Soil, Water, Forest, Minerals and Wild life - Agricultural pattern - Livestock - Fisheries - Industries; Major industries - Growth and Development</p>
11.	<p>UNIT-I : GEOGRAPHY OF INDIA WITH SPECIAL REFERENCE TO TAMILNADU</p> <ul style="list-style-type: none">▲ Social- Cultural geography - Population : Growth, Density and Distribution - Racial, linguistic and major tribes.▲ GEOGRAPHY -CURRENT AFFAIRS
12.	<p>UNIT-I : GEOGRAPHY OF INDIA WITH SPECIAL REFERENCE TO TAMILNADU</p> <ul style="list-style-type: none">▲ Oceanography - Bottom relief features of Indian Ocean, Arabian sea and Bay of Bengal.▲ Basics of Geospatial Technology: Geographical Information System (GIS) and Global Navigation Satellite System (GNSS).▲ Map: Geographical landmarks - India and its neighbours.

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MODULE 5

NO. OF TEST :2 (TEST NO.13 TO TEST NO.14)

SUBJECT: PAPER - III

UNIT II: ENVIRONMENT, BIODIVERSITY AND DISASTER MANAGEMENT

TEST NO.	SUBJECT/PORTION
13.	<p>UNIT II: ENVIRONMENT, BIODIVERSITY AND DISASTER MANAGEMENT</p> <p>Ecology: Structure and function of Ecosystem - Ecological succession - Biodiversity conservation: Types - Biodiversity Hot Spots in India - Biodiversity : Significance and Threats - In situ and Ex situ conservation measures - Roles of Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES), International Union for Conservation of Nature (IUCN) & Convention on Biological Diversity (CBD). Environmental Laws, Policies & Treaties in India and Global scenario - Natural calamities and Disaster Management - Environmental Health and Sanitation.</p>
14.	<p>UNIT II: ENVIRONMENT, BIODIVERSITY AND DISASTER MANAGEMENT</p> <p>Environmental Pollution and Management: Air, Water, Soil, Thermal and Noise pollution and control strategies - Solid and Hazardous waste management - Environmental Impact Assessment (EIA): Steps in EIA process - Environmental Clearance - Environmental Auditing. Climate Change: Global Environmental Issues and Management - Changes in monsoon pattern in Tamil Nadu and India - Environmental consequences of climate change and mitigation measures - Clean and Green Energy - Environmental Sustainability.</p> <p>Environment CURRENT AFFAIRS</p>

MODULE 6

NO. OF TEST :3 (TEST NO.15 TO TEST NO.17)

SUBJECT: PAPER - III

UNIT III : INDIAN ECONOMY - CURRENT ECONOMIC TRENDS AND
IMPACT OF GLOBAL ECONOMY ON INDIA

TEST NO.	SUBJECT/PORTION
15.	<p>UNIT III : INDIAN ECONOMY - CURRENT ECONOMIC TRENDS AND IMPACT OF GLOBAL ECONOMY ON INDIA</p> <p>Features of Indian Economy - Demographical profile of India - National Income - Capital formation - NEP (New Economic Policy) - NITI AYOOG - National Development Council. Agriculture - Role of Agriculture - Land reforms - New Agricultural Strategy - Green Revolution - Price Policy, Public Distribution System (PDS), Subsidy, Food Security- Agricultural Marketing, Crop Insurance, Labour - Rural credit & indebtedness - WTO & Agriculture. Industry - Growth - Policy - Role of public sector and disinvestment - Privatisation and Liberalization - Public Private Partnership (PPP) - SEZs. - MSMEs. - Make in India. Infrastructure in India - Transport System - Energy - Power - Communication - Social Infrastructure - Science & Technology - R&D.</p>
16.	<p>UNIT III : INDIAN ECONOMY - CURRENT ECONOMIC TRENDS AND IMPACT OF GLOBAL ECONOMY ON INDIA</p> <p>Banking & Finance - Banking, Money & Finance - Central Bank - Commercial Bank - NBFIs. - Stock Market - Financial Reforms - Financial Stability - Monetary Policy - RBI & Autonomy. Public Finance - Sources of Revenue - Tax & Non-Tax Revenue - Canons of taxation - GST - Public expenditure - Public debt - Finance Commission - Fiscal Policy Issues in Indian Economy - Poverty & inequality - Poverty alleviation programmes - MGNREGA - New Welfare programmes for rural poverty - Unemployment - Inflation - Inflation targeting - Sustainable economic growth - Gender issues. India's Foreign Trade - BOP, EX-IM Policy, FOREX Market, FDI; Globalization & its impact - Global economic crisis & impact on Indian economy.</p>

17.

UNIT III : INDIAN ECONOMY -
CURRENT ECONOMIC TRENDS AND
IMPACT OF GLOBAL ECONOMY ON INDIA

International Agencies - IMF (International Monetary Fund) World Bank - BRICS - SAARC - ASEAN. Tamil Nadu Economy & Issues - Gross State Domestic Product - Trends in State's economic growth - Demographic profile of Tamil Nadu - Agriculture - Industry & entrepreneurship development in Tamil Nadu - Infrastructure - Power, Transportation systems - Social Infrastructure - SHGs. & Rural Women empowerment - Rural poverty & unemployment - Environmental issues - Regional economic disparities - Local Government - Recent government welfare programmes.

ECONOMY CUURENT AFFAIRS



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MODULE 7

NO. OF TEST :3 (TEST NO.18 TO TEST NO.20)

SUBJECT: PAPER - I

UNIT- I: MODERN HISTORY OF INDIA AND INDIAN CULTURE

UNIT-III : GENERAL APTITUDE & MENTAL ABILITY

(SSLC Standard)

TEST NO.	SUBJECT/PORITION
18.	<p>UNIT- I: MODERN HISTORY OF INDIA AND INDIAN CULTURE UNIT-III : GENERAL APTITUDE & MENTAL ABILITY (SSLC Standard)</p> <p>Advent of European invasion - Expansion and consolidation of British rule - Early uprising against British rule - 1857 Revolt - Indian National Congress - Growth of militant movements - Different modes of agitations - Emergence of national leaders - Gandhi, Nehru, Tagore, Netaji, Moulana Abulkalam Azad, Ambedkar and Patel - Era of different Acts & Pacts - Second World War & final phase struggle - Communalism led to partition.</p> <p>GENERAL APTITUDE & MENTAL ABILITY</p> <p>Information technology - Basic terms, Communications - Application of Information and Communication Technology (ICT) - Decision making and problem solving - Basics in Computers / Computer terminology.</p>
19.	<p>UNIT- I: MODERN HISTORY OF INDIA AND INDIAN CULTURE UNIT-III : GENERAL APTITUDE & MENTAL ABILITY (SSLC Standard)</p> <p>Effect of British rule on socio-economic factors - National renaissance - Socio religious reform movements. Role of Tamil Nadu in freedom struggle - Bharathiar, VOC, Subramania Siva, Rajaji, Periyar and others - Political parties and Welfare schemes.</p> <p>GENERAL APTITUDE & MENTAL ABILITY</p> <p>Conversion of information to data - Collection, compilation and presentation of data - Tables, Graphs, Diagrams - Parametric representation of data - Analytical interpretation of data - Percentage - Highest Common Factor (HCF) - Lowest Common Multiple (LCM)</p>
20.	UNIT- I: MODERN HISTORY OF INDIA AND INDIAN CULTURE

UNIT-III : GENERAL APTITUDE & MENTAL ABILITY
(SSLC Standard)

India since independence - Characteristics of Indian culture - Unity in diversity - Race, Language, Religion Custom - India: a secular state - Organizations for fine arts, dance, drama and music.

Latest diary of events: National and International - National symbols- Eminent personalities & places in news - Sports & Games - Books & Authors - Awards & Honours - Cultural panorama - Latest historical events - Latest terminology - Appointments - who is who?

GENERAL APTITUDE & MENTAL ABILITY

Ratio and Proportion - Simple interest - Compound interest



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MODULE 8

NO. OF TEST :3 (TEST NO.21 TO TEST NO.23)

SUBJECT: PAPER - I

UNIT- II : SOCIAL ISSUES IN INDIA AND TAMIL NADU

UNIT-III : GENERAL APTITUDE & MENTAL ABILITY

(SSLC Standard)

TEST NO.	SUBJECT/PORITION
21.	<p>UNIT- II : SOCIAL ISSUES IN INDIA AND TAMIL NADU UNIT-III : GENERAL APTITUDE & MENTAL ABILITY (SSLC Standard)</p> <p>SOCIAL ISSUES IN INDIA AND TAMIL NADU Population Explosion - Unemployment issues in India & Tamil Nadu - Child Abuse & Child Labour - Poverty - Rural and Urban Sanitation - Illiteracy. Women Empowerment - Role of the Government in Women Empowerment - Social injustice to Women - Domestic violence, Dowry menace, Sexual assault - Role of women and women's organisations</p> <p>GENERAL APTITUDE & MENTAL ABILITY Area - Volume</p>
22.	<p>UNIT- II : SOCIAL ISSUES IN INDIA AND TAMIL NADU UNIT-III : GENERAL APTITUDE & MENTAL ABILITY (SSLC Standard)</p> <p>Social changes in India - Urbanization and its impact on the society - Problems and remedies - Impact of violence on Society - Religious violence, Terrorism and Communal violence - Regional Disparities - Problems of Minorities - Human Rights issues. Education - Linkage between Education and Social Development - Community Development Programmes - Employment Guarantee Schemes - Self Employment and Entrepreneurship Development - Role of N.G.Os in Social Welfare</p> <p>GENERAL APTITUDE & MENTAL ABILITY Time and Work</p>
23.	<p>UNIT- II : SOCIAL ISSUES IN INDIA AND TAMIL NADU UNIT-III : GENERAL APTITUDE & MENTAL ABILITY (SSLC Standard)</p> <p>Government Policy on Health. Welfare Schemes for vulnerable sections of the population by the Central and State governments and their performance.</p> <p>GENERAL APTITUDE & MENTAL ABILITY Probability.</p>

MODULE 9

NO. OF TEST :1 (TEST NO.24)

CURRENT AFFAIRS

TEST NO.	SUBJECT/PORTION
24.	<p>UNIT- II : SOCIAL ISSUES IN INDIA AND TAMIL NADU UNIT-III : GENERAL APTITUDE & MENTAL ABILITY (SSLC Standard)</p> <ul style="list-style-type: none">△ Current Affairs On△ Indian Polity, Law,△ Latest Diary Of Events: National And International - National Symbols- Eminent Personalities & Places In News - Sports & Games - Books & Authors - Awards & Honours - Cultural Panorama - Latest Historical Events - Latest Terminology - Appointments - Who Is Who?△ Latest Inventions In Science & Technology,△ Geography Current Affairs,△ Environmental Current Affairs,△ Economy Current Affairs.
	<p>MOCK TEST NO.1 PAPER 3 - TEST NO. 25 MOCK TEST NO.1 PAPER 2 - TEST NO. 26 MOCK TEST NO.1 PAPER 1 - TEST NO. 27</p> <p>ALL THE BEST.....</p>

- ✂ **Total No. of Tests -27 (Including Mock Tests)**
- ✂ Question paper will be in **both language Tamil and english**
- ✂ **Answer Booklet** will be provided as per **TNPSC Group I Main Examination** conducted by TNPSC
- ✂ Test series with TNPSC GROUP 1 MAINS syllabus covered .
- ✂ Paper correction within 2 days from the day of test mark and rank will be published on the same day of valuation
- ✂ Each and every student will be guided after every valuation of paper and result.

TYPE OF BATCHES AVAILABLE:

TNPSC GROUP1 MAINS

- ▲ Online(Mail Mode)
- ▲ Postal (Courier)
- ▲ Classroom

NOTE

- ▲ **CURRENT AFFAIRS MATERIALS**
- ▲ **SUPPLEMENTARY MATERIALS FOR FEW SUBJECT WILL BE GIVEN**

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SINCE 2014

BASED ON REVISED SCHEME OF EXAMINATION

TEST SCHEDULE FOR TNPSC

GROUP - II/IIA PRELIMS

- ▲ SCHOOL BOOK TEST : 10
- ▲ SYLLABUS BASED : 10
- ▲ TOTAL TEST : 20

**MODULE 1: SCHOOL BOOK MANDATORY TEST
SCHEDULE**

S.NO	TITLE	NO.OF QUES
1.	CIVICS 6 TH -8 TH STD	100
2.	CIVICS 9 TH -10 TH STD	100
3.	POLITICAL SCIENCE 11 TH AND 12 TH	150
4.	GEOGRAPHY 6 TH TO 10 TH	150
5.	GEOGRAPHY 11 TH AND 12 TH	100
6.	ECONOMICS 6 TH TO 12 TH	150
7.	HISTORY 6 TH TO 8 TH STD	150
8.	HISTORY 9 TH TO 12 TH STD	150
9.	SCIENCE 6 TH TO 10 TH	200
10.	SCIENCE 11 TH AND 12 TH	150

MODULE 2: SYLLABUS BASED TEST

DATE OF EXAM: Will Be Given Individually For Students Joining Test Batch

TEST NO	TITLE	NO.OF QUES
11.	UNIT-VI: INDIAN ECONOMY (i) Nature of Indian economy - Five year plan models - an assessment - Planning Commission and Niti Ayog. (ii) Sources of revenue - Reserve Bank of India - Fiscal Policy and Monetary Policy - Finance Commission - Resource sharing between Union and State Governments - Goods and Services Tax. (iii) Structure of Indian Economy and Employment Generation, Land reforms and Agriculture - Application of Science and Technology in agriculture - Industrial growth - Rural welfare oriented programmes - Social problems - Population, education, health, employment, poverty. APTITUDE ✓ Highest Common Factor (HCF) ✓ Lowest Common Multiple (LCM) CURRENT AFFAIRS ✓ 2020 CURRENT AFFAIRS	200 QUES
12.	UNIT- III: GEOGRAPHY OF INDIA (i) Location - Physical features - Monsoon, rainfall, weather and climate - Water resources - Rivers in India - Soil, minerals and natural resources - Forest and wildlife - Agricultural pattern. (ii) Transport - Communication. (iii) Social geography - Population density and distribution - Racial, linguistic groups and major tribes. (iv) Natural calamity - Disaster Management - Environmental pollution: Reasons and preventive measures - Climate change - Green energy. APTITUDE ✓ SIMPLIFICATION AND PERCENTAGE CURRENT AFFAIRS ✓ JAN&FEB 2020	150 QUES
13.	UNIT-VII: INDIAN NATIONAL MOVEMENT (i) National renaissance - Early uprising against British rule - Indian National Congress - Emergence of leaders - B.R.Ambedkar, Bhagat Singh, Bharathiar, V.O.Chidambaranar, Jawaharlal Nehru, Kamarajar,	150 QUES

	<p>Mahatma Gandhi, Maulana Abul Kalam Azad, Thanthai Periyar, Rajaji, Subash Chandra Bose and others.</p> <p>(ii) Different modes of Agitation: Growth of Satyagraha and Militant movements.</p> <p>(iii) Communalism and partition.</p> <p style="text-align: center;">APTITUDE</p> <p>✓ RATIO and PROPORTION</p> <p style="text-align: center;">CURRENT AFFAIRS</p> <p>✓ MAR&APRIL&MAY 2020</p>	
14.	<p style="text-align: center;">UNIT-V: INDIAN POLITY</p> <p>(i) Constitution of India - Preamble to the Constitution - Salient features of the Constitution - Union, State and Union Territory.</p> <p>(ii) Citizenship, Fundamental rights, Fundamental duties, Directive Principles of State Policy.</p> <p>(iii) Union Executive, Union legislature - State Executive, State Legislature - Local governments, Panchayat Raj.</p> <p>(iv) Spirit of Federalism: Centre - State Relationships.</p> <p>(v) Election - Judiciary in India - Rule of law.</p> <p>(vi) Corruption in public life - Anti-corruption measures - Lokpal and LokAyukta - Right to Information - Empowerment of women - Consumer protection forums, Human rights charter.</p> <p style="text-align: center;">APTITUDE</p> <p>✓ SIMPLE and COMPOUND INTEREST</p> <p style="text-align: center;">CURRENT AFFAIRS</p> <p>✓ JUNE TO SEPT 2020</p>	200 QUES
15.	<p style="text-align: center;">UNIT - IV: HISTORY AND CULTURE OF INDIA</p> <p>(i) Indus valley civilization - Guptas, Delhi Sultans, Mughals and Marathas - Age of Vijayanagaram and Bahmani Kingdoms - South Indian history.</p> <p>(ii) Change and Continuity in the Socio - Cultural History of India.</p> <p>(iii) Characteristics of Indian culture, Unity in diversity - Race, language, custom.</p> <p>(iv) India as a Secular State, Social Harmony.</p> <p style="text-align: center;">UNIT- VIII : History, Culture, Heritage and Socio - Political Movements in Tamil Nadu</p> <p>(i) History of Tamil Society, related Archaeological discoveries, Tamil Literature from Sangam age till contemporary times.</p> <p>(ii) Thirukkural :</p>	175 QUES

	<p>(a) Significance as a Secular literature (b) Relevance to Everyday Life (c) Impact of Thirukkural on Humanity (d) Thirukkural and Universal Values - Equality, Humanism, etc (e) Relevance to Socio - Politico - Economic affairs (f) Philosophical content in Thirukkural (iii) Role of Tamil Nadu in freedom struggle - Early agitations against British Rule - Role of women in freedom struggle. (iv) Evolution of 19th and 20th Century Socio-Political movements in Tamil Nadu - Justice Party, Growth of Rationalism - Self Respect Movement, Dravidian movement and Principles underlying both these movements, Contributions of Thanthai Periyar and Perarignar Anna.</p> <p style="text-align: center;">APTITUDE</p> <p>✓ TIME AND WORK</p> <p style="text-align: center;">CURRENT AFFAIRS</p> <p>✓ OCT TO DEC 2020</p>	
16.	<p style="text-align: center;">UNIT - IX : Development Administration in Tamil Nadu</p> <p>(i) Human Development Indicators in Tamil Nadu and a comparative assessment across the Country - Impact of Social Reform movements in the Socio - Economic Development of Tamil Nadu. (ii) Political parties and Welfare schemes for various sections of people - Rationale behind Reservation Policy and access to Social Resources - Economic trends in Tamil Nadu - Role and impact of social welfare schemes in the Socio - economic development of Tamil Nadu. (iii) Social Justice and Social Harmony as the Cornerstones of Socio - Economic development. (iv) Education and Health systems in Tamil Nadu. (v) Geography of Tamil Nadu and its impact on Economic growth. (vi) Achievements of Tamil Nadu in various fields. (vii) e-governance in Tamil Nadu.</p> <p style="text-align: center;">APTITUDE</p> <p>✓ AREA AND VOLUME</p> <p style="text-align: center;">CURRENT AFFAIRS</p> <p>✓ JAN TO FEB 2021</p>	150 QUES

17.	<p style="text-align: center;">UNIT-I : GENERAL SCIENCE</p> <p>(i) Scientific Knowledge and Scientific temper - Power of Reasoning - Rote Learning Vs Conceptual Learning - Science as a tool to understand the past, present and future.</p> <p>(ii) Nature of Universe - General Scientific Laws - Mechanics - Properties of Matter, Force, Motion and Energy - Everyday application of the basic principles of Mechanics, Electricity and Magnetism, Light, Sound, Heat, Nuclear Physics, Laser, Electronics and Communications.</p> <p>(iii) Elements and Compounds, Acids, Bases, Salts, Petroleum Products, Fertilizers, Pesticides.</p> <p>(iv) Main concepts of Life Science, Classification of Living Organisms, Evolution, Genetics, Physiology, Nutrition, Health and Hygiene, Human diseases.</p> <p>(v) Environment and Ecology.</p> <p style="text-align: center;">APTITUDE</p> <p>✓ REASONING</p> <p style="text-align: center;">CURRENT AFFAIRS</p> <p>✓ MARCH AND APRIL & MAY - 2021</p>	150 QUES
18.	MOCK TEST NO.1	200 QUES
19.	MOCK TEST NO.2	200 QUES
20.	MOCK TEST NO.3	200 QUES

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