



July - 21

TNPSC BITS

- ❖ Chandrika persad “Chan” Santokhi, an Indian-origin person, has been elected as the president of Suriname, a country in South America.
- ❖ Telangana state government has initiated the scheme of mid-day meals for students of Government junior and degree colleges from this academic session.

TAMIL NADU

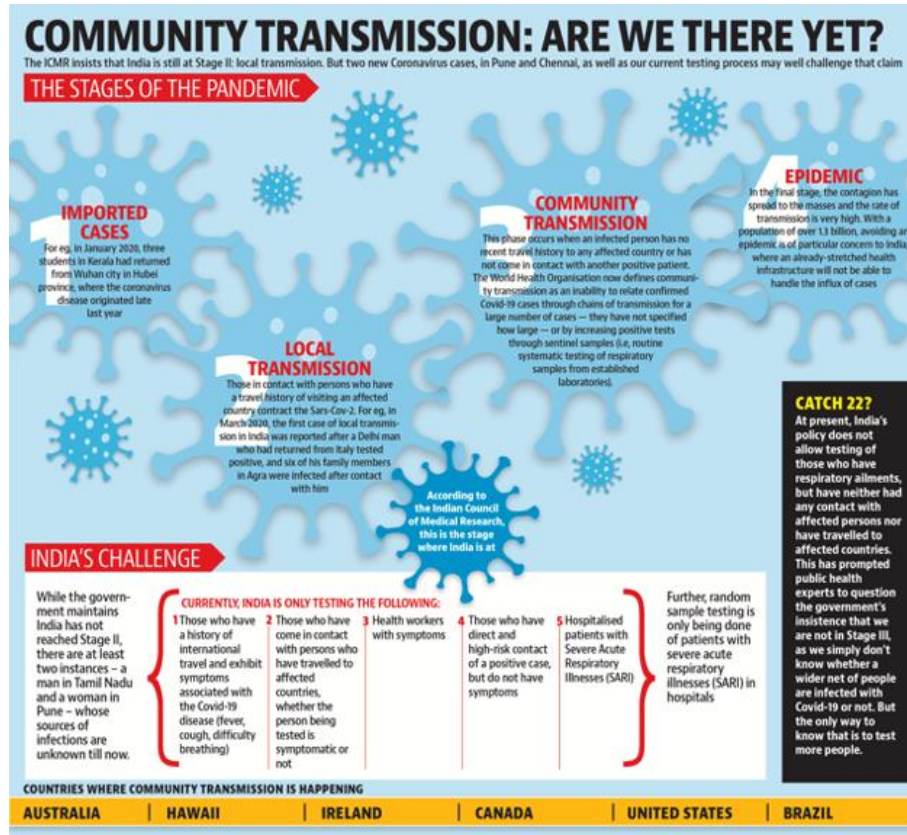
Gandhimathi

- ❖ Gandhimathi ‘Boy’ Ramasamy recently passed away in her village near Kamuthi in Ramanathapuram.
- ❖ She was a child soldier in the Indian National Army.
- ❖ She was inducted into the Rani of Jhansi Regiment by Nethaji Subbash Chandra Bose.
- ❖ She had worked under Captain Dr Lakshmi Swaninathan.

NATIONAL

Community Transmission

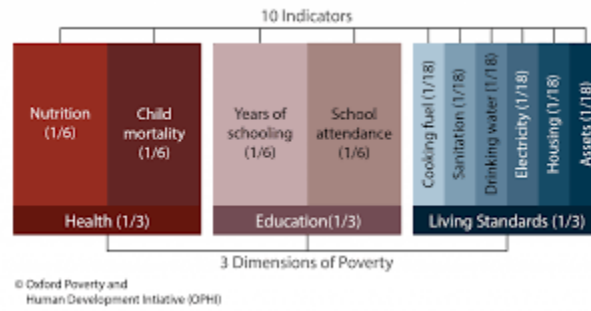
- ❖ The Chief Minister of Kerala, Pinarayi Vijayan has confirmed community transmission of Corona in Kerala.
- ❖ It means that the disease is in its third stage.
- ❖ The Indian Medical Association has said that vaccination is the only solution to the current situation.



INTERNATIONAL

Global Multidimensional Poverty Index (MPI)

- ❖ India witnessed almost 273 million people move out of multidimensional poverty between 2005-2006 and 2015-2016, as per this UN report.
- ❖ The data was released by the United Nations Development Programme (UNDP) and the Oxford Poverty and Human Development Initiative (OPHI).
- ❖ The data were obtained from United Nations Department of Economic and Social Affairs (UNDESA).
- ❖ Multidimensional poverty means different deprivations faced by the poor such as inadequate living standards, poor health, lack of education, poor quality of work, the threat of violence and living in areas that are environmentally hazardous.



State of food security and nutrition in the world (SOFI)

- ❖ Its first edition was brought out in 2017.
- ❖ The world is not on track to meet the goal of zero hunger by 2030 i.e. SDG2.
- ❖ Asia remains home to the greatest number of undernourished (38 crore).
- ❖ Africa is second (25 crore), followed by Latin America and the Caribbean (4.8 crore).



US' Trinity Test

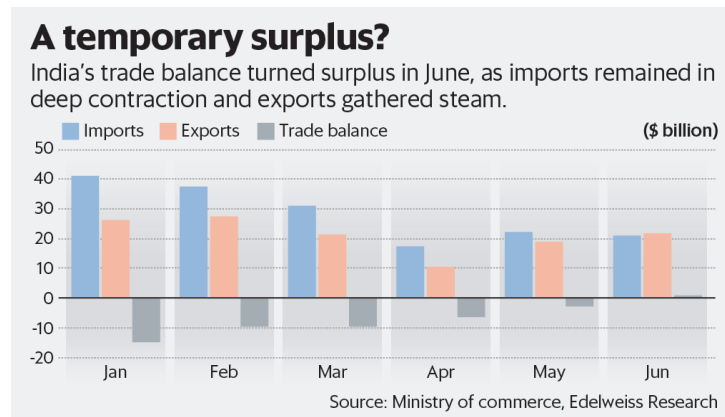
- ❖ On 16th July, exactly 75 years ago, the USA scientists tested Gadget.
- ❖ It was the world's first atomic bomb.
- ❖ Trinity was the code name of this first detonation of a nuclear device.



- ❖ The test was conducted in the Jornada del Muerto desert near the New Mexico.
- ❖ The super bomb, nicknamed 'Gadget', was developed as part of the US-led Manhattan Project.
- ❖ The Manhattan Project was a research and development undertaking during World War II that produced the first nuclear weapons.
- ❖ It was led by the United States with the support of the United Kingdom and Canada.

ECONOMY

Trade Surplus



- ❖ India makes its first trade surplus in 18 years.
- ❖ India gained a surplus of \$0.8 billion in June 2020.
- ❖ This has been achieved by a sharper decline in imports.
- ❖ The last time this happened was in January 2002.
- ❖ A trade surplus is an economic measure of a positive balance of trade, where a country's exports exceed its imports.

SCIENCE AND TECHNOLOGY

Curcumin

- ❖ Indian Institute of Technology Madras (IIT-M) researchers have shown that curcumin may enhance the death of cancer cells.
- ❖ The curcumin is the active principle from turmeric.
- ❖ Curcumin significantly increases the sensitivity of leukemia cells to a protein that causes death of cancer cells.

Human Growth Hormone

- ❖ In a first-of-its-kind case, a 2018 Commonwealth Games silver medallist and reigning national champion weightlifter Pradeep Singh has tested positive for Human Growth Hormone (HGH).
- ❖ It is known to increase muscle mass, strength as well as tissue - repairing effects.
- ❖ It is produced in the body and secreted by the pituitary gland near the base of the brain.

Asteroid 2020ND

- ❖ It is a 'gigantic asteroid'
- ❖ It is bigger than London Eye, the famous UK landmark.
- ❖ The Asteroid was named Asteroid 2020ND by the National Aeronautics and Space Administration (NASA).



ENVIRONMENT

National Award of Excellence for Outstanding Research in Forestry for 2019

- ❖ The scientist Kannan C S Warriar from Institute of Forest Genetics and Tree Breeding (IFGTB) of Coimbatore has received this award.
- ❖ The award was conferred on him by the Indian Council of Forestry Research and Education (ICFRE).
- ❖ It was for releasing the three productive clones of casuarina, known as kattadi and savukku for the first time in the country.



- ❖ These are suitable for salt affected soils.

Bhagirathi Eco-Sensitive Zone

- ❖ The union environment ministry has approved the zonal master plan for the Bhagirathi eco-sensitive zone notification
- ❖ This zone stretches from Gaumukh to Uttarkashi in the Uttarakhand state.
- ❖ Bhagirathi is the source Stream of Ganga River.
- ❖ It emanates from Gangotri glacier at Gaumukh.

Study on Regional Climatic Features

- ❖ Indian Institute of Geomagnetism (IIG) has tracked climate change by following the Paleomonsoonal pattern of the subcontinent by harnessing magnetic mineralogy.
- ❖ The magnetic minerals are sensitive to the physical and chemical environment that they are embedded in.

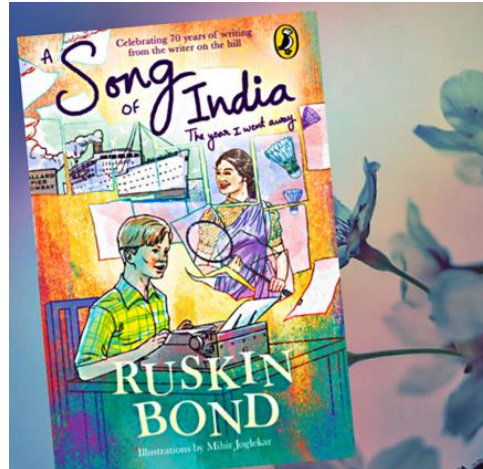
PERSONALITIES, AWARDS, AND EVENTS

2020 International Press Freedom Awards

- ❖ Shahidul Alam from Bangladesh, Mohammad Mosaed from Iran, Dapo Olorunyomi from Nigeria and Svetlana Prokopyeva from Russia will be honoured.
- ❖ The lawyer Amal Clooney will be honoured with the Gwen Ifill Press Freedom Award 2020.
- ❖ These awards are administered by the Committee to Protect Journalists (CPJ), an independent, non-governmental organization based in New York City of USA.

‘A Song of India’ - Book

- ❖ It is authored by Ruskin Bond.
- ❖ This book will mark the 70th year of the author’s literary career.



SPORTS

2022 Youth Summer Olympics

- ❖ The International Olympic Committee (IOC) has postponed the 2022 Dakar Youth Summer Olympics by four years to 2026.
- ❖ It would be the first Youth Summer Olympic Games organized in Africa.

