

June - 04

TNPSC BITS

- ❖ The Chennai Metro Rail Limited has implemented a foot-operated elevator at Koyambedu in Chennai.
 - It is first kind of lift mechanism in India.
- ❖ The Former Supreme Court judge Justice A K Sikri has inaugurated the Indian Dispute Resolution Centre (IDRC) at Delhi.
 - It provides a paperless dispute resolution environment.
- ❖ R. Sreelekha is all set to become the first woman Director General of Police in Kerala.
- ❖ Switzerland has declared May 26 as Science Day in honour of visiting Geneva by the former President of India Dr. A P J Abdul Kalam.
- ❖ Carmen Reinhart of the USA become the chief economist and vice president at the World Bank for two year tenure.
- ❖ Srichand and Gopichand of Hinduja, who run the Hinduja Group of companies, occupied the second in the United Kingdom's Rich List 2020.
 - Inventor Sir James Dyson has topped the Sunday Times Rich List 2020 for the first time.
- ❖ The International Day of Action for Women's Health is an international observance celebrated on May 28 every year since 1987.
 - It is being coordinated by the Women's Global Network for Reproductive Rights (WGNRR).
- ❖ Cessna Caravan, the world's largest all-electric aircraft of the USA, made its first successful flight.
 - The engine of that all-electric aircraft is made by MagniX.
- ❖ Roger Federer of Switzerland is the highest paid athlete in the world for the first time, according to Forbes's annual list.
 - Naomi Osaka of Japan is the first female athlete overtaking fellow tennis player Serena Williams of USA as the highest paid female athlete in the world.
- ❖ Russia is testing its nuclear-powered Skif missile which can hit a target as far as 6,000 miles away.
 - It is being called the world's biggest dirty "doomsday bomb".



- ❖ World Digestive Health Day is celebrated every year on 29th May.
 - The theme for the year 2020 campaign is "Gut Microbiome: A Global Perspective."

TAMIL NADU

TNRTP

- ❖ The Tamilnadu state has come out with Rs 300 crore COVID-19 assistance package to benefit 1.4 lakh people under the Tamil Nadu Rural Transformation Project (TNRTP).
- ❖ The fund for the project is backed by the World Bank, which was announced by Chief Minister Edappadi K Palaniswamy.
- ❖ It will bridge the supply-chain gap in rural enterprises during the lockdown.
- ❖ It will help farmers, producers and women's self-help groups.
- ❖ The fund will provide hope to these migrants who want to start their own enterprises in the state.

NATIONAL

One Sun One World One Grid

- ❖ Recently, the Government of India has called for bids to roll-out the 'One Sun One World One Grid' (OSOWOG) plan.
- ❖ The vision behind this is 'The Sun Never Sets'.
- ❖ It has been taken up under the technical assistance program of the World Bank.
- ❖ The Union Ministry of New and Renewable energy (MNRE), through this initiative, plans to build global consensus about sharing solar resources among more than 140 countries of West Asia and South East Asia.

Rajesh Bhushan Committee

- ❖ The Cabinet secretary had constituted a committee tasked with reforming the drug regulatory system under the chairmanship of Rajesh Bhushan.
- ❖ The Department of Pharmaceuticals under the Ministry of Chemical and Fertilisers deals with the pharma industry.

ECONOMY

Real Time Electricity Market

- ❖ The Indian Energy Exchange launched Real Time Electricity Market (RTM).
- ❖ The main aim of the launch is to help discoms to plan their power requirements.
- ❖ It will help distribution companies to manage their power demand-supply variation.
- ❖ It will help the discoms and schedule green energy.
- ❖ This will help India achieve its target of 175 GW of renewable energy by 2022.
- ❖ India Energy Exchange is an electronic system that is regulated by the Central Electricity Regulatory Commission (CERC).



SCIENCE AND TECHNOLOGY

Ultra Swachh

- ❖ The Defence Research and Development Organisation (DRDO) has developed a disinfection unit named Ultra Swachh.
- ❖ It includes a wide range of materials, including Personal Protective Equipment (PPEs), electronics items, fabrics, etc.
- ❖ The Ultra Swachh Unit houses a catalytic converter that makes it environment friendly.
- ❖ The system uses an advanced oxidative process (ozonation) called Ozonated Space Technology.
- ❖ The device also uses Ozone Sealant Technology that involves trapping of Ozone.

- ❖ Ozonation is a type of advanced oxidation process, involving the production of very reactive oxygen species able to attack a wide range of organic compounds and all microorganisms.



High Performance Magnesium Alloy

- ❖ The Indian Institute of Technology Madras researchers have developed a high-performance magnesium alloy.
- ❖ It can replace steel and aluminium in automobiles.
- ❖ The new engineered alloy is strong, highly ductile and its super plasticity is achieved at higher strain-rates which reduces overall manufacturing time, effort and costs.
- ❖ It is also lightweight, which helps lower the carbon footprint of vehicles.

ENVIRONMENT

Game Farming

- ❖ The Government of Botswana, an African nation, announced that it would allow farmers in the country to keep small game on their farms to encourage locals' participation in agro-tourism.
- ❖ A game farm is a place where game animals are raised to stock wildlife areas for hunting.
- ❖ The term also includes places where such animals are raised to be sold as food or for photography.



IMPORTANT DAYS

Menstrual Hygiene Day - May 28

- ❖ It was initiated by the German-based NGO WASH United in 2014.
- ❖ The date May 28 was chosen to observe the day because on an average the menstrual cycle for most women is 28 days and the menstruation period for most women is for five days.
- ❖ Hence, the date was kept as 28/5.
- ❖ The 2020 theme is 'Periods in Pandemic'.

