

July - 06

## TNPSC BITS

- ❖ The UN World Meteorological Organization confirmed a new record high temperature of 18.3 degrees Celsius in Antarctica.
  - This temperature was recorded at the Esperanza Research Station (Argentina).

## TAMIL NADU

### DGP Selection Process (Tamilnadu)

- ❖ The Union Public Service Commission had approved a panel comprising three names - Sylendra Babu, Karan Singha and Sanjay Arora.
- ❖ After that the Tamil Nadu government has to choose its choice from these three names.
- ❖ The selected DGP will hold office for a tenure of two years.
- ❖ The ADGP rank officers who had completed 30 years of service will be eligible for the DGP post.
- ❖ The UPSC follows the Supreme Court's order issued in the Prakash Singh case of 2006 for the selection process.

## NATIONAL

### India and Hydropower projects by 2030

- ❖ India is expected to add 26 GW (or 26,000 MW) of Hydropower projects by 2030.
- ❖ This is according to the 'Hydropower Special Market Report – Analysis and forecast to 2030' released by International Energy Agency (IEA).
- ❖ At present, the installed capacity of the 207 hydropower projects running in India is 46,209 MW.
- ❖ The Global hydropower capacity is set to increase by 17%, or 230 GW, between 2021 and 2030.
- ❖ China will remain the single largest hydropower market through 2030, accounting for 40% of the global capacity growth in the Hydropower sector.
- ❖ The world's largest hydroelectric facility is the Three Gorges Dam in China.

### **Ambedkar Memorial and Cultural Centre**

- ❖ The President Ram Nath Kovind laid the foundation stone for Ambedkar Memorial and Cultural Centre in Lucknow.
- ❖ The cultural centre will come in front of Aishbagh Eidgah in Lucknow.
- ❖ It will have a 25-ft high statue of Dr Ambedkar.

### **Miyazaki mango**

- ❖ The fruit is primarily cultivated in the Japanese city of Miyazaki, which is a capital city on the Kyushu Island.
- ❖ It is considered as the world's costliest mangoes.
- ❖ The Miyazaki mangoes can weigh up to 350 grams.
- ❖ It is enriched with nutrients like antioxidants, beta-carotene, and folic acid.
- ❖ Recently, this fruit was found to be grown by the Jabalpur couple, Rani and Parihar.



## **INTERNATIONAL**

### **Chinese astronauts First Spacewalk**

- ❖ The Chinese astronauts have successfully performed China's first tandem spacewalk at the Tiangong station.
- ❖ They worked for seven hours outside new Tiangong station in orbit around the Earth.
- ❖ Three astronauts were blasted off in June 2021 to become station's first crew.

## ECONOMY

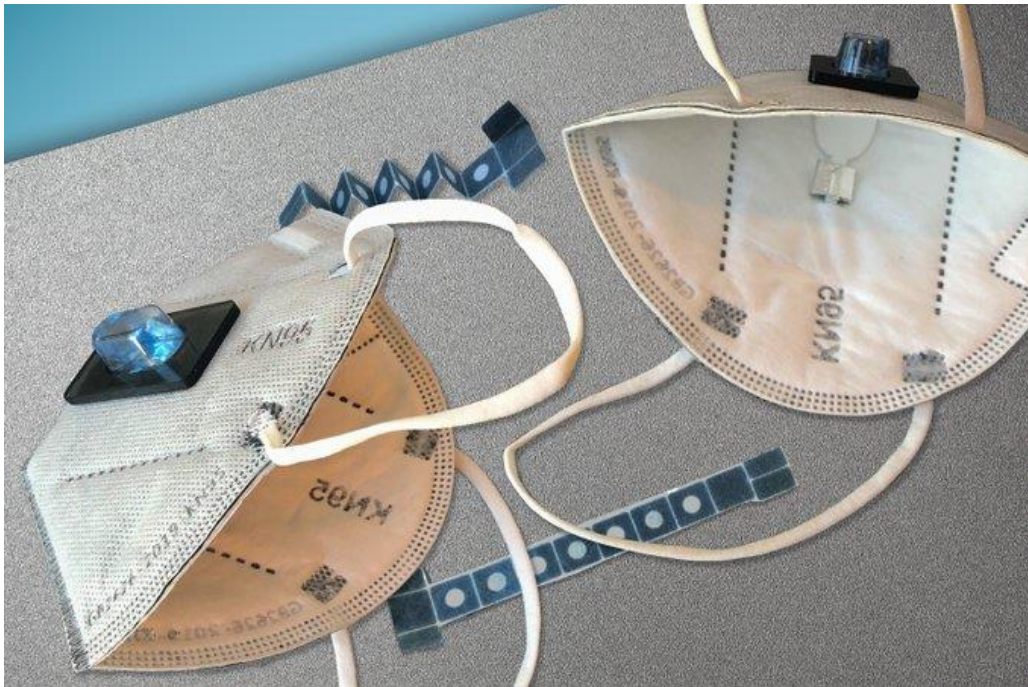
### **New norms for Interest on Unclaimed Matured Deposit**

- ❖ The Reserve Bank of India has notified new norms for interest on the amount left unclaimed with bank after a term deposit matures.
- ❖ Presently, if a term deposit matures and proceeds are unpaid, amount left unclaimed with bank attracts rate of interest as it is applicable to savings deposits.
- ❖ New norms are applicable on deposits across all commercial banks, small finance banks, local area banks, and cooperative banks.

## SCIENCE AND TECHNOLOGY

### **Covid detecting face mask**

- ❖ Researchers at the Harvard University and MIT have developed a novel face mask.
- ❖ This mask can detect if the wearer has COVID-19 within about 90 minutes.
- ❖ The face mask has been designed by engineers at the Wyss Institute for Biologically Inspired Engineering at the Harvard University and the Massachusetts Institute of Technology (MIT).



## ENVIRONMENT

### Medals from e-waste

- ❖ Organizers of the event says that all medals at next summer's Olympics and Paralympics in Tokyo will be made from recycled electronic waste.
- ❖ Gold, silver and bronze to be extracted from obsolete gadgets.
- ❖ Waste collected includes smartphones, cameras and laptops.

## STATES

### New CM of Uttarakhand

- ❖ Pushkar Singh Dhama will be the next chief minister of Uttarakhand.
- ❖ He will be the youngest CM of Uttarakhand.
- ❖ 45-year-old Pushkar Singh Dhama is an MLA from the Khatima constituency in Udham Singh Nagar district.
- ❖ He will replace Tirath Singh Rawat.

## PERSONALITIES, AWARDS, AND EVENTS

### A teacher-student duo discovers three asteroids



- ❖ A teacher-student duo from Trichy has discovered three new asteroids.
- ❖ The three asteroids identified by them have been temporarily named BBM2101, BBM2102, and BBM2103.
- ❖ This search program is a part of an International Astronomical Search Collaboration (IASC) Citizen Science Programme organised by National Aeronautics and Space Administration (NASA).

- ❖ Bala Bharathi alias K. Balakrishnan and G. Aazhi mukilan (Physics student) took part in the International Asteroid Search Campaign, wherein they discovered three asteroids.
- ❖ Both were part of the Tiruchi Astro Club, which participated in the programme.

### **Second India-born woman to fly into space**

- ❖ Sirisha Bandla will be flying to space with Richard Branson on July 11.
- ❖ Richard Branson is the founder of the Virgin Galactic company
- ❖ Bandla will be taking care of the researcher's experience on the Unity22 mission.
- ❖ She will be one of the six space travellers aboard 'VSS Unity' of Virgin Galactic.
- ❖ Sirisha Bandla hailing from Andhra's Guntur district was brought up in Houston.
- ❖ She will become the second India-born woman to fly into space after Kalpana Chawla.
- ❖ Rakesh Sharma and Sunita Williams were the other Indians who went into space prior to Bandla.



## **SPORTS**

### **India's Second Largest Cricket Stadium**

- ❖ The Board of Control for Cricket in India released a financial grant of Rs 100 crore to the Rajasthan Cricket Association (RCA).
- ❖ This will be used to build India's second-largest cricket stadium.
- ❖ It is set to be built in Jaipur.



### Note

- ❖ In February this year, President Ram Nath Kovind inaugurated the newly-built Motera Stadium ahead of the pink-ball Test between India and England.
- ❖ It was renamed as Narendra Modi Stadium.
- ❖ This stadium is the biggest cricket stadium in the world as it has a total capacity of 1,32,000.

## IMPORTANT DAYS

### American Independence Day - July 04

- ❖ The American Independence Day is observed on July 4.
- ❖ It is also called the Fourth of July.
- ❖ The date marks the annual celebration of nationhood in the United States.
- ❖ This year marks the 245th anniversary of the freedom of the thirteen American colonies from British colonial rule.



## MISCELLANEOUS

### Jacob Zuma - jail sentence

- ❖ South Africa's highest court sentenced former President Jacob Zuma to 15 months in jail for failing to appear at a corruption inquiry recently.
- ❖ After this, Jacob Zuma asked the court to annul his 15-month jail sentence, saying it was excessive, unjust and might kill him if he catches COVID-19 in prison.



- ❖ He have now won a reprieve from imminent imprisonment after the country's most senior judges agreed to hear his challenge to a 15-month jail sentence awarded.

