



October - 28

## TNPSC BITS

- ❖ India Meteorological Department commissioned the Flash Flood Guidance Services in South Asia.
  - The service is first of its kind for the South Asian region.
- ❖ The Tamil Nadu State government is to implement the smart blackboard scheme in more than 80,000 Government schools.
  - It aims to use audio visual teaching material that can be integrated along with digital classrooms.
- ❖ The centre for science and environment (CSE) submitted a report titled “meeting emission norms working paper on penalty and incentive mechanism for coal-based power plants”.
- ❖ Singapore will be the First Country to attach Facial Verification in National Identification Database.
- ❖ Joginder War Memorial on 1962 Sino-India War was inaugurated at Bum La in Arunachal Pradesh.
- ❖ Surat has become the only city in the country to have the longest BRTS (Bus Rapid Transit System) network of 108 km.

## NATIONAL

### “Affordability of nutritious diets in rural India”

- ❖ It is a study authored by International Food Policy Research Institute economist Kalyani Raghunathan and others.
- ❖ The study calculated that a day’s meals would cost ₹45 (or ₹51 for an adult man).
- ❖ As per this study, three out of four rural Indians cannot afford a nutritious diet.

### First Batch of Women Pilots

- ❖ The Indian Navy operationalised the first batch of women pilots on Dornier Aircraft at Kochi.
- ❖ This was done by the Southern Naval Command of Indian Navy.
- ❖ The three women pilots are Lieutenant Divya Sharma, Lieutenant Shivangi and Lieutenant Shubhangi Swaroop.



- ❖ In September 2020, for the first time in Indian history, women officers were selected to join as observers in the Helicopter stream of Indian Navy.
- ❖ They were awarded “wings” after graduating as “Observers” in INS Garuda, Kochi.

### **E-Dharti Geo Portal**

- ❖ The Union of Housing and Urban affairs minister Hardeep Singh Puri launched this portal.
- ❖ The portal will integrate map and lease plans in the Management Information System.
- ❖ It will make the system Geographic Information System enabled.

## **INTERNATIONAL**

### **The Future of Jobs Report 2020**

- ❖ The world economic forum recently released the third edition of this report.
- ❖ The automation and new division of labour between the Machines and humans will be the major reason for disruption of jobs in the next five years.

### **44<sup>th</sup> OECD International Migration Outlook report**

- ❖ India has acquired the second rank in terms of the number of migrants going to the Organisation for Economic Co-operation and Development (OECD) countries and acquiring the citizenship of those countries.
- ❖ China retained its top spot.
- ❖ The data was released by the OECD in its 2020 edition of the annual International Migration Outlook report.
- ❖ Romania emerged as the third-largest exporter of human capital to these countries.

### **The Cost of a Food Plate 2020**

- ❖ World Food Programme (WFP) of the United Nations has published a list comparing the price of a plate of food around the world on the occasion of World Food Day.
- ❖ South Sudan is on the top of that list where a shopper would have to spend more for food.
- ❖ India stands at 28th position as per the percentage of money.

- ❖ On an average an Indian spends 3.5% of his/ her daily income for a plate of food as compared to 0.6% by a New Yorker.



## SCIENCE AND TECHNOLOGY

### **SANT missile**

- ❖ Indian successfully test-fired the Stand-off-Anti-tank (SANT) missile off the Odisha coast.
- ❖ It has been developed by the Defence Research and Development Organisation (DRDO) for the Indian Air Force (IAF).

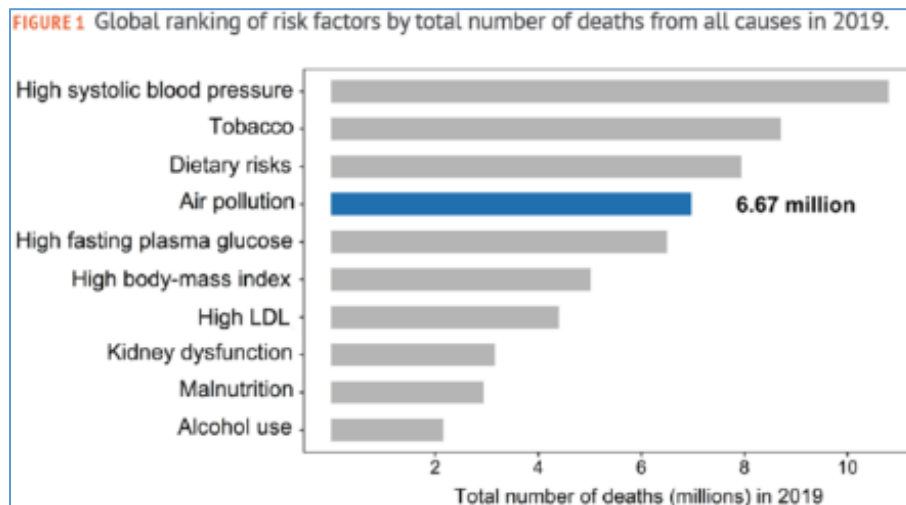
### **Brahmos missile**

- ❖ The supersonic cruise missile 'BrahMos' was test-fired from INS Chennai.
- ❖ The Defence Research Development Organization test fired the naval version of BRAHMOS missile from INS Chennai.
- ❖ INS Chennai is an indigenously built stealth destroyer.
- ❖ Brahmos had hit a target in the Arabian Sea.
- ❖ It is a Surface to surface supersonic cruise missile.
- ❖ Supersonic missiles travel at a speed of 2 to 3 Mach.
- ❖ It was jointly developed by India and Russia.

## ENVIRONMENT

### State of Global Air 2020

- ❖ The State of Global Air is a collaboration between the Health Effects Institute (HEI) and the Institute for Health Metrics and Evaluation (IHME), with expert input from the University of British Columbia.
- ❖ India, Bangladesh, Pakistan and Nepal are among the top ten countries with the highest PM<sub>2.5</sub> (particulate matter) exposures in 2019.
- ❖ India is also among the top ten countries with highest ozone (O<sub>3</sub>) exposure in 2019.
- ❖ Overall, the air pollution is now the largest risk factor for death among all health risks in India.
- ❖ India had faced the highest per capita pollution exposure — or 83.2 µg/cubic metre — in the world.
- ❖ It is followed by Nepal at 83.1 µg/cubic metre and Niger at 80.1.



## IMPORTANT DAYS

### United Nations Day - October 24

- ❖ The United Nations came into Existence on October 24, 1945.
- ❖ It marks the anniversary of UN Charter coming in to force.
- ❖ This year 2020 marks 75 years of successful functioning of the United Nations.
- ❖ Theme of this year is 'The Future We Want, UN We Need: Reaffirming our Collective Commitment to Multilateralism'.
- ❖ The Day is also called World War II Allies Day.



- ❖ The Allies of World War called for establishing the United Nations in 1942.
- ❖ The decisions of the allies were controlled by UK, Soviet Union and United States.
- ❖ These three countries were then referred as “Big Three”.
- ❖ Along with China, the four countries are referred to as “Four Policemen of the United Nations”.
- ❖ They together opposed the Axis powers during the second world war.
- ❖ The Axis powers were Japan, German and Italy.

