

January - 17

TNPSC BITS

- ❖ Thailand reported to have found the first case of the corona virus following Japan.
 - The infections of the virus are linked to sea food market.
- ❖ Amazon announced that it has planned to invest 1 billion USD in India and generate 1 million jobs.
 - In order to involve small and medium businesses, a mega summit called the smBhav was organized by Amazon in Delhi.

NATIONAL

Civil Aviation Meet

- ❖ The Industrial meet of the Asia's largest Civil Aviation was held in Bengaluru.
- ❖ The Civil Aviation event is to be held at Begumpet airport, Hyderabad in March 2020.
- ❖ The theme of the event will be: Flying for All
- ❖ India is the third largest domestic civil aviation market in the world.
- ❖ Also, it is the second fastest aviation industry in the world.
- ❖ Currently, India ranks 9 in terms of the civil aviation market.

National TB Control Programme

- ❖ The Government of India renamed its National TB Control Programme to National Tuberculosis Elimination Programme.
- ❖ The name change is in line with the goal of India in eliminating the disease by 2025.
- ❖ This is five years ahead of the goal of United Nations Sustainable Development target.
- ❖ Also, the WHO (World Health Organization) recently endorsed on technology developed by Indian scientists to detect the disease called TrueNat MTB in terms of accuracy.
- ❖ The TrueNat test a new molecular test that can diagnose Tuberculosis in one hour.
- ❖ The test uses polymerase chain reaction to detect bacteria.



Census 2021

- ❖ The Census 2021 is to ask 31 questions to the citizens.
- ❖ The questions to be asked are decided by the Ministry of Home Affairs.
- ❖ The Census 2021 is to be conducted through mobile phone application.
- ❖ For the first time of Indian history, the following are to be included
 - The information about households run by transgender is to be collected.
 - Under the question of sex of household head, male, female and transgender is to be collected.
 - The 2011 census clubbed the employment of transgender, their caste and literacy under “Males” category.
 - Inquiry about main cereal consumed.
 - Earlier it was announced that the census for the first time will collect data on OBC.
 - However, this has not been included.
 - Rather there is provision of SC/ST in the census.

Winged Raider

- ❖ The Indian Army recently conducted the largest air borne exercise called the Winged Raider.
- ❖ The exercise was conducted in the north-eastern theatre.
- ❖ Similar exercise called Him Vijay was conducted in Arunachal Pradesh in October 2019.
- ❖ It was a mountain combat exercise.

Food Processing Summit

- ❖ The Department of Industries and Commerce, functioning under Ministry of Food Processing Industries organized food processing summit in Ladakh.
- ❖ The other stakeholders of the summit include Invest India and National Investment Promotion and Facilitation agency.

Globalizing Indian Thought

- ❖ The International Conclave on “Globalizing Indian Thought” was held in IIM, Kozhikode.
- ❖ The conclave aimed at revealing India’s thoughts in becoming one of top three economies of the world.
- ❖ According to India, the three thoughts Satyam (Truth), Nithyam (Sustainability) and Purnam (Wholeness) influence the world greatly.



Sahyog-Kaijin

- ❖ India and Japan took part in a joint exercise called “Sahyog-Kaijin”.
- ❖ The exercise was held between the coastal guards of the countries at Chennai Port.
- ❖ Indian and Japan hold other military exercises as well.
- ❖ The “Shinyuu Maitri” is the joint Air Force Exercise that was held in October 2019 for the first time.
- ❖ The India-Japan Maritime Exercise called JIMEX was conducted in 2013 for the first time.
- ❖ Dharma Guardian is the military exercise that is conducted between the armies of the countries.

INTERNATIONAL

Rohingya refugees



- ❖ The Bangladesh Government has planned to accommodate 100,000 Rohingya refugees in its Bhasan Char Island.
- ❖ The island, Bhasan Char that is regularly submerged in water during monsoon has been fortified with embankments and flood protection to relocate Rohingyas here.
- ❖ The Island is also known as Hatiya Upazila.
- ❖ Rohingyas fled to Bangladesh from Myanmar due to ethnic conflict.
- ❖ India has been deporting Rohingyas to Myanmar.

SCIENCE AND TECHNOLOGY

S-400 Missile system

- ❖ Russia announced that the production of S-400 air defence missile system for India has begun.
- ❖ The missiles are to be delivered by 2025.

S-400 Triumf air defense missile system

Alphanumerical code	Designation	Specifications
Russian Army: 5-400 NATO reporting name SA-21 Growler	A surface-to-air missile system designed to engage with all types of aerial targets (aircraft, UAVs, cruise missiles, etc.) with a range of 400 km (250 miles) and an altitude of 30 km (10,000 feet)	Operational range: – for aerodynamic targets 3 km to 240 km – for ballistic targets 5 km to 60 km Altitude of up to 30 km (10,000 feet) Maximum target speed of up to 4,800 m/s Deployment time of 5-10 min. Missiles per system up to 48 (384 in all)
		Composition <ul style="list-style-type: none"> • Command & Control System • Several different radar units • Up to 8 medium- and long-range surface-to-air missile systems (up to 12 missiles per system) • 48N6E, 48N6E2, 9M96E, 9M96E2 midrange guided missiles and a 40N6E long-range missile
Missile 9M96E2 		Features <ul style="list-style-type: none"> • Twice as effective as previous generation systems • The only system capable of selectively deploying one of five types of missiles • All operations are completely automated, from target acquisition to assessment of results of engagement • Considered a 4+ generation system by specifications and combat capabilities
Guided 24-kg fragmentation warhead Operational range of 120 km (75 miles) Altitude of up to 30 km (10,000 feet) Reaction time of no more than 8 seconds Service life of 15 years Weight of 420 kg		



- ❖ India was the fourth country to possess S 400 missiles only after Russia, Belarus and China.
- ❖ China will be the first country to get S500 missile system from Russia.
- ❖ S500 is very much similar to the US THAAD (Terminal High Altitude Area Defence) system.

Block Chain Technology Centre

- ❖ The National Informatics Centre (NIC) will set up block chain technology centre in Bengaluru.
- ❖ The centre aims to provide Block Chain as service to all the stake holders who are interested in shared experiences, learning and resources.
- ❖ NIC operating under Ministry of Electronic and Information Technology.

ENVIRONMENT

Urea Production

- ❖ The APNA UREA-SonaUgle brand of HURL (Hindustan Urvarak & Rasayan Limited) was launched by the Union Minister of Chemicals and Fertilizers D V Sadananda Gowda.
- ❖ In order to make India self-sufficient in Urea, the Union Government approved revival of three Urea plants located in Sindri, Gorakhpur and Barauni.
- ❖ The other two major fertilizer plants at Talcher and Ramagundam are also to be reopened.
- ❖ The government plans to increase the annual production of Urea by 63.5 lakh metric tonnes per annum.
- ❖ HURL is a joint venture of Indian Maharatna companies namely IOCL (Indian Oil Corporation Limited), NTPC (National Thermal Power Corporation) and Coal India Limited.
- ❖ The objective of HURL is to make India self-reliant in Urea.
- ❖ According to National Urea Policy 2015, there are totally 31 Urea producing plants in India.
- ❖ Out of these, 28 units Natural Gas as feedstock.
- ❖ The rest of the units use Naphtha as feedstock.



STATES

Bru-Reang Refugee agreement

- ❖ Government of India, Bru-Reang representatives, Government of Tripura and Mizoram signed an agreement in New Delhi to end the refugee crisis of Bru-Reang community.
- ❖ Under the agreement, around 34,000 Bru Refugees are to settle in Tripura.

Backdrop

- ❖ Due to ethnic tension in 1997, around 5,000 families of 30,000 Bru-Reang tribes were forced out of Mizoram to seek shelter in Tripura.
- ❖ In 2018, the Government of India signed an agreement with the State Governments of Tripura and Mizoram in order to help the families and increase the aid substantially.
- ❖ The Bru Tribes are locally called Reang and hence the name Bru-Reang.
- ❖ They are ethnic tribes living in India, Laos, Vietnam and Thailand.
- ❖ They speak Katuic language.
- ❖ The Bru-Reang are one of the 21 ethnic tribes of Tripura that are included in the Scheduled Tribe list.





Assam Inland Water Transport Project

- ❖ The Government of Assam, Government of India and World Bank signed 88 million USD agreement.
- ❖ The agreement aims to modernize Assam's Ferry transport service on the Brahmaputra river.

Inland Waterways

- ❖ Around 15 waterways are operating in Assam.
- ❖ They operate on rivers such as Barak, Beki, Lohit, Doyang, Kopili, Subansiri, Aai, Dihing, Dikihow, Puthimari, Gangadhar, Jinjiram and Tiwang.

