

December - 22

## TNPSC BITS

- ❖ The Sports Ministry formally recognised yogasana as a competitive sport.
  - An International Yogasana Sports Federation was formed in November 2019 under the presidentship of yoga guru Baba Ramdev.
- ❖ The Olympic Council of Asia announced that Doha, the Capital of Qatar, will host the Asian Games 2030 edition and Riyadh, the Capital of Saudi Arabia, will host the 2034 edition.
  - Doha will also be hosting the 2022 FIFA World Cup.
- ❖ The Government of India released a hundred-page e-booklet called “Putting Farmers First”.
  - The booklet highlights the success stories of farmers who have benefited from contract farming.
- ❖ The union Ministry of culture is to open a museum of Netaji Subhas Chandra Bose in Kolkata to commemorate his 125th birth anniversary in 2022.
- ❖ The National Payments Corporation of India (NPCI) has recently rolled out RuPay Contactless (Offline) feature.
  - The RuPay prepaid card was introduced by NPCI in the year 2014, to offer the feature of one card for all payments.

## NATIONAL

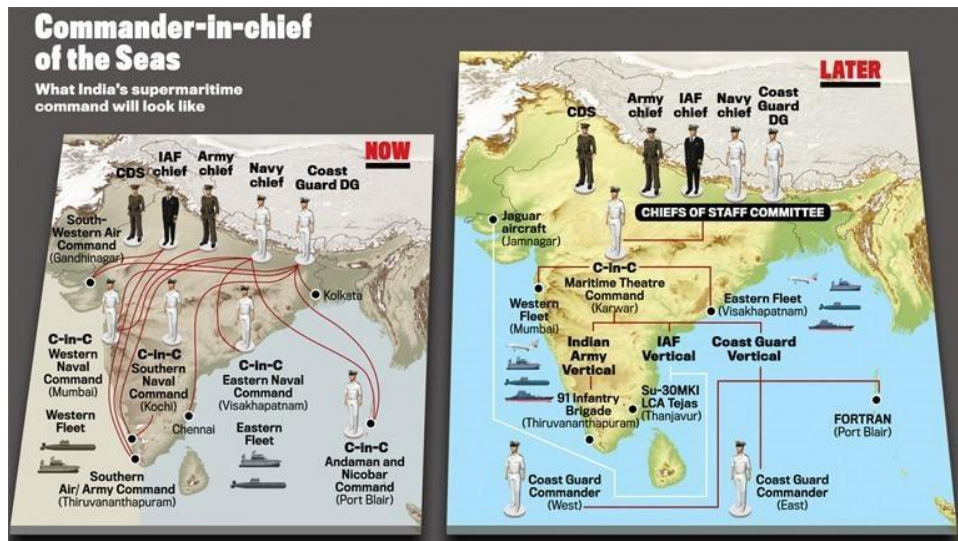
### Toll Booth Free India

- ❖ The Central Government has approved the GPS-based technology for toll collection with an aim to ensure seamless vehicle movement.
- ❖ The move is expected to enable India to be 'toll booth free'.
- ❖ Under the GPS-based toll collection system, the toll amount will be deducted directly from the bank account of the person based on the movement of vehicles.

### Maritime Theatre Command

- ❖ The first Maritime Theatre Command (MTC) of India is to be launched in 2021.
- ❖ It is to integrate the assets of Indian Air Force, Indian Navy and Indian Army and the Indian Coast Guard.

- ❖ It will subsume the Western Naval Command (Mumbai), tri-service Andaman and Nicobar Command (Port Blair), Eastern Naval Command (Vizag) and the southern Air Command (Thiruvananthapuram).
- ❖ It is the first geographical theatre command being created as a part of the biggest ever military restructuring plan.



## INTERNATIONAL

### Human Freedom Index 2020

- ❖ It was published by American think tank Cato Institute and Fraser Institute in Canada.
- ❖ It is a worldwide ranking of civil, economic and personal freedom.
- ❖ It takes into account 76 indicators of personal, civil, and economic freedoms to rank 162 countries from 2008 to 2018.
- ❖ It placed India at the 111th spot out of 162 countries.
- ❖ India ranked 94 on the index in 2019.
- ❖ New Zealand, Switzerland and Hong Kong bagged the first three spots.
- ❖ Syria ranked the last on the list.



### top & bottom countries

1. New Zealand	8.87	158. Iran	4.54
2. Switzerland	8.82	159. Yemen, Rep.	4.17
3. Hong Kong	8.74	160. Venezuela	4.08
4. Denmark	8.73	161. Sudan	4.01
5. Australia	8.68	162. Syria	3.97

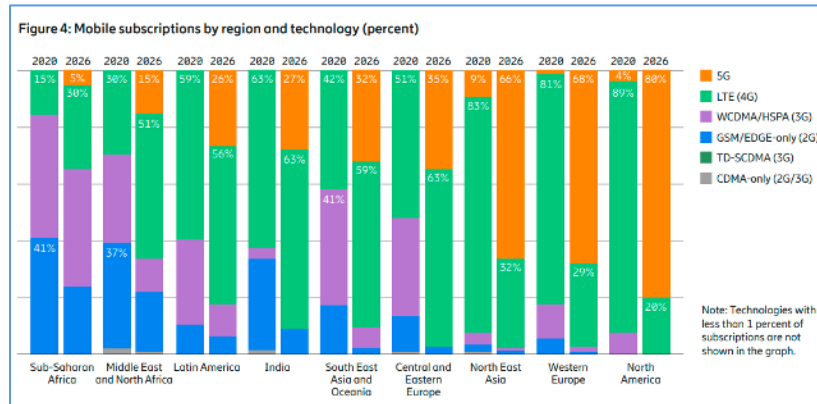
### **Russia in International Sport**

- ❖ The Geneva based Court of Arbitration for Sport banned Russia from using its name, flag and anthem at the Olympics or any other international championship for next two years.
- ❖ Russia has also been banned from bidding to host any sporting event for next two years.
- ❖ However, Russian players and teams will be permitted to play all International events.
- ❖ It will include the upcoming 2022 Tokyo Olympics, the 2022 Winter Olympics Games in Beijing, the world championships and the 2022 FIFA World Cup in Qatar.
- ❖ The name Russia can be retained on uniforms if the words "Neutral Athlete" or "Neutral Team" have equal prominence.

## **SCIENCE AND TECHNOLOGY**

### **Ericsson Mobility Report**

- ❖ The report estimates that by the end of 2020, over one billion people all over the world will have access to 5G coverage.
- ❖ While 2026 will see 60 per cent of the world's population having access to 5G coverage.
- ❖ It projects that four out of every ten mobile subscriptions in 2026 will be 5G.
- ❖ 5G will represent around 27 per cent of mobile subscriptions in India at the end of 2026.
- ❖ It is estimated at 350 million subscriptions at India.



## Chang'e 5

- ❖ Chinese lunar capsule Chang'e 5 has landed to the earth in the inner Mongolia with 2 kgs fresh samples of Rock and Debris from moon.
- ❖ Chang'e 5 blasted off from a launch base in China's province of Hainan on November 23.
- ❖ It marked China's third successful lunar landing but the only one to lift off again from the moon.
- ❖ It is the first sample collection of the moon by any country since the Soviet Union's Luna 24 mission in 1976.
- ❖ In 2003, China became the third country to send an astronaut into orbit on its own after the Soviet Union and the United States.
- ❖ In 2019, the Chang'e 4 became the first man-made probe to land on the far side of the moon.

## ENVIRONMENT

### R Cluster

- ❖ Reliance Industries Ltd (RIL) and BP (British Petroleum) have begun production of gas from R Cluster.
- ❖ R Cluster is the deepest offshore gas field in Asia.
- ❖ It is an ultra-deep-water gas field in block KG basin (Krishna Godavari) D6 off the east coast of India.
- ❖ It is located at a water depth of greater than 2000 meters.

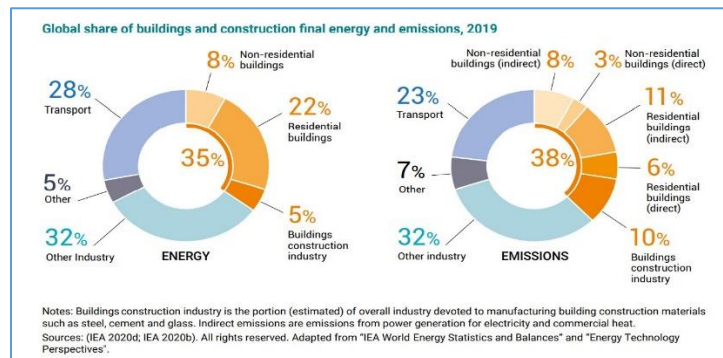
## First Zoo to get ISO 9001:2015

- ❖ The Nehru Zoological Park of Hyderabad has become the first in India to acquire ISO 9001:2015 Quality Management Standards Certification.
- ❖ It is to receive the certification from the ASCB (Accreditation Service for Certifying Bodies), United Kingdom (UK).



## 2020 Global status report for buildings and construction

- ❖ It was released by the United Nations Environment Programme.
- ❖ The CO2 emissions from building sector is the highest in 2019.
- ❖ The building sector emitted more than a third of carbon dioxide emissions (CO2) in 2019.
- ❖ It was increased to 9.95 Giga tonnes CO2 in 2019.
- ❖ Global Alliance for Buildings and Construction is a global platform for governments, private sector, civil society and intergovernmental and international organizations.
- ❖ It works to increase action towards a zero-emission, efficient and resilient buildings and construction sector.





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