

April - 07

## TNPSC BITS

- ❖ The International Carrot Day, founded in 2003, is celebrated every year on April 4<sup>th</sup>.
  - It is observed to spread knowledge about the carrot and its good attributes around the world.

## NATIONAL

### Indian Railway Electrification: New record

- ❖ The Indian Railways has achieved the highest ever electrification of sections during 2020-21.
- ❖ It has covered 6,015 kilo metres of electrification in a single year.
- ❖ This is 37% higher than that achieved in 2019-20.





## **Women and Men in India report**

- ❖ The National Statistical Office operating under Ministry of Statistics and Programme Implementation (MoSPI) recently released 'the Women and Men in India report'.
- ❖ The report consolidates the crucial socio-economic indicators that portray gender situation in the country.

### **Population Statistics**

- ❖ The projected population of India in 2021 is 136.13 crores.
- ❖ Sex ratio has increased from 933 in 2001 to 943 in 2011.
- ❖ Delhi recorded the highest increase in sex ratio, followed by Chandigarh, Arunachal Pradesh.
- ❖ On the other hand, Daman and Diu had the highest decline in sex ratio.

### **Health Statistics**

- ❖ The Age Specific Fertility Rate for the females, belonging to the age group 25-29 years, was the highest at 146.4.
- ❖ The Infant Mortality Rate decreased from 39 in 2014 to 32 in 2018.
- ❖ The Maternal Mortality Rate decreased from 212 in 2007-09 to 113 in 2016-18.
- ❖ The Total Fertility Rate of rural India was 2.3 in 2018.
- ❖ It was 1.7 in urban areas in 2018.
- ❖ The Adolescent Fertility Rate declined from 13 in 2017 to 12.2 in 2018.
- ❖ According to National Family Health Survey-5 (NFHS-5), almost 100% institutional delivery was observed in the states of Goa, Kerala, Lakshadweep.
- ❖ The HIV incidence per 1000 people decreased from 0.07 in 2017 to 0.05 in 2019.

### **Education**

- ❖ The literacy rate of India increased from 73 in 2011 to 77.7 in 2017.
- ❖ The Gender gap in literacy rates was the highest in Rajasthan, Bihar, UP.
- ❖ Only 8.3% of females of age 15 years had completed graduation.
- ❖ On the other hand, 12.8% of males of the same age had completed graduation.
- ❖ 8% of female students were pursuing education up to tenth standard.

### **Participation in Economy**

- ❖ According to the Periodic Labour Force Survey, 2018-19, the worker population ratio in rural sector was 52.1 for males and 19 for females.
- ❖ In urban areas, it was 52.7 for males and 14.5 for females.

- ❖ The average wage per hour earned by female population in the age group of 15 years was highest in Andaman and Nicobar Islands (Rs 147 per hour).
- ❖ The lowest was in Daman and Diu, Odisha.
- ❖ The average wage per hour earned by male population in the age group of 15 years was the highest in Lakshadweep (Rs 121 per hour).

### **Participation in Decision Making**

- ❖ The representation of women in the Central Council of Ministers is 9.26% in 2020.
- ❖ In 2019 Lok Sabha election, there were 437.8 million women electors.
- ❖ This is higher as compared to that of the 2014 election (397 million).
- ❖ Highest women participation in the Panchayati Raj institutions was observed in the states of Rajasthan, Uttarakhand and Chhattisgarh.

### **Fully electrified railway zone**

- ❖ West Central Railways has become the first fully electrified railway zone in the country.
- ❖ The zonal railway now boasts a 3012 Route Km electrified network.
- ❖ Electrification of this railway section will provide various benefits such as
  - saving fuel,
  - reduction in travel time,
  - environmental protection.





## **INTERNATIONAL**

### **The World in 2030: Public Survey Report**

- ❖ It was recently published by UNESCO.
- ❖ The report was published by the organisation based on the survey held between May 2020 and September 2020.
- ❖ The survey collected responses from more than 15,000 people from all over the world.
- ❖ According to the report, the four biggest challenges to peaceful societies of 2030 are
  - Climate Change,
  - Violence and Conflict,
  - Loss of Biodiversity and discrimination and inequality,
  - water and housing, lack of food.
- ❖ According to the participants, education is the only crucial solution to many difficulties to be faced in 2030.
- ❖ However, the North Americans (US, Canada) believe in science and not in education.
- ❖ Apart from education, the only other solution is international cooperation.

## **SCIENCE AND TECHNOLOGY**

### **Baikal-GVD**

- ❖ The Russian scientists recently launched one of the world's biggest underwater neutrino telescopes called the Baikal-GVD (Gigaton Volume Detector) in the waters of Lake Baikal.
- ❖ Lake Baikal is the world's deepest lake situated in Siberia.
- ❖ It is one of the three largest neutrino detectors in the world.
- ❖ Other two are
  - IceCube at the South Pole and
  - ANTARES in the Mediterranean Sea.
- ❖ The telescope seeks to study in detail the elusive fundamental particles called neutrinos and to possibly determine their sources.

## IMPORTANT DAYS

### World Party day - April 03

- ❖ Idea to have a World Party day came up in 1996 after the release of novel 'Flight: A Quantum Fiction Novel'.
- ❖ The World Party Day aims to synchronize a massive, world-wide party to celebrate everything that's good and optimistic.
- ❖ It is an optimistic celebration of humanity which aims to promote unity, diversity and peaceful coexistence.

### International Day for Mine Awareness and Assistance in Mine Action - April 04

- ❖ The day is observed to spread awareness among people regarding the harmful effects of the explosive remnants of war.
- ❖ This year, the theme of International Mine Awareness Day is 'Perseverance, Partnership, and Progress'.
- ❖ On 8 December 2005, the General Assembly declared that 4 April of each year shall be observed as the International Day for Mine Awareness and Assistance in Mine Action.



## MISCELLANEOUS

### April 14 - Public Holiday

- ❖ The central government has declared April 14, Dr BR Ambedkar's birthday a public holiday.



- ❖ Dr B R Ambedkar was the sculptor of the Indian Constitution.
- ❖ The country already celebrates his birthday as Ambedkar Jayanti every year.
- ❖ The government has announced that from this year 14th April will be declared as a public holiday.
- ❖ It will be Ambedkar's 130th birth anniversary on April 14, 2021.

