

September - 25

TNPSC BITS

- ❖ Russia has formally adopted the 2015 Paris climate agreement and will now allocate financial resources to developing countries for prevention and adaptation to climate change.
 - One of the world's key energy producers, Russia has remained one of the largest economies and polluters that signed but failed to ratify the accord till now.

NATIONAL

India @ UN Climate Action Summit

- ❖ At the United Nations Climate Action Summit, India has agreed to increase its renewable energy target to 450 GW.
- ❖ India's renewable energy target under the Paris Agreement was 175GW by 2022.
- ❖ India also reiterated to spend approximately \$50 billion "in the next few years" on the Jal Jeevan Mission to conserve water, harvest rainwater and develop water resources.
- ❖ 80 countries have already joined the International Solar Alliance initiated by India.

About the Summit

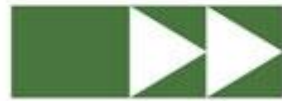
- ❖ The UN Climate Action Summit 2019 was hosted by UN Secretary-General António Guterres at New York.
- ❖ Teen Climate change activist Greta Thunberg of Sweden opened the Summit.
- ❖ Around 63 nations have been invited to the summit including delegation led by Prime Minister Modi.
- ❖ They were urged to enhance their Nationally Determined Contributions (NDCs) or their climate action plan to fulfil commitments under the 2015 Paris Agreement.

Why is it important?

- ❖ As per UN estimates, the world would need to increase its efforts fivefold to contain climate change to a 1.5°C rise at most.
- ❖ Any temperature rise beyond that would lead to major and irreversible damage.



CLIMATE ACTION SUMMIT 2019



**A RACE WE
CAN WIN**

Census 2021 - Janganana Bhawan

- ❖ Union Minister for Home Affairs, Amit Shah laid the Foundation Stone for construction of a new building of the Registrar General of India (RGI) that conducts census in New Delhi.
- ❖ It is named as Janganana Bhawan.
- ❖ 2021 census exercise would be carried out digitally.
- ❖ ₹12,000 crore would be spent on preparation of the National Population Register (NPR) and census.

About

- ❖ NPR links biometric and demographic details of any ordinary resident, thus making it a comprehensive database of residents.
- ❖ An ordinary resident is defined as a person
 - who has resided in a local area for the past six months or more or
 - a person who intends to reside in that area for the next six months or more.
- ❖ NPR exercise is different from the census and is not linked to the National Register of Citizens (NRC).

Ispati Irada – Steel Industry

- ❖ The steel ministry organised an event called “Chintan Shivir: Towards a Vibrant, Efficient and Globally Competitive Indian Steel sector”.
- ❖ The event aims to make Indian Steel Sector more vibrant, efficient and globally competitive.
- ❖ A new logo for steel industry was released at the event. It is called “Ispati Irada”



- ❖ The brand “Ispati Irada” will be allowed to be used by entities working on this theme.
- ❖ The campaign aims to increase appropriate usage of steel in the country and bring more strength to society.

Mochi Swabhimaan Initiative – Leather Sector

- ❖ The Skill Development ministry has announced the “Mochi Swabhimaan” Initiative.
- ❖ Leather Sector Skill Council (LSSC) is the coordinating agency.
- ❖ Under this, the LSSC will assist the cobbler community in India for leather-based services, providing better working conditions.
- ❖ LSSC also coordinates the Pradhan Mantri Kaushal Vikas Yojana (PMKVY).
- ❖ PMKVY encourages skill development to boost employability and productivity of youth by incentivizing skill training.
- ❖ India’s leather sector is the second largest leather garment and footwear producer globally.
- ❖ It contributes 13% to the total leather production, globally.
- ❖ It employs over 2.5 million people in India.

About LSSC

- ❖ LSSC is a non-profit organization approved by National Skill Development Corporation.
- ❖ It is dedicated to meet the demand for skilled workforce in the leather industry in India.

Ladakhi Shondol Dance – Guinness Record

- ❖ Ladakhi Shondol dance has created history by breaking into the Guinness book of world records.
- ❖ 408 women artists performed the Shondol dance on the occasion of the Annual Naropa Festival.
- ❖ Naropa Festival is the ongoing Buddhist carnival near the 11th-century world-famous Hemis Monastery in Ladakh.
- ❖ Shondol is the royal dance of Ladakh.
- ❖ It is performed by Takshoma or women dancers to praise the King of Ladakh on special occasions.



All India Survey on Higher Education 2018-19

- ❖ Ministry of Human Resource Development (MHRD) collects online information on Universities, Colleges and other Higher Educational Institutions under the All India Survey on Higher Education (AISHE).

Gross Enrolment Ratio (GER)

- ❖ GER in Higher education has increased from 25.8% in 2017-18 to 26.3% in 2018-19.
- ❖ GER is calculated for 18-23 years of age group.

GER	Ratio
Male	26.3%
Female	26.4%
SC	23%
ST	17.2%

- ❖ Uttar Pradesh comes at number one with the highest student enrolment followed by Maharashtra and Tamil Nadu.

College density

- ❖ College density is the number of colleges per lakh eligible population (population in the age-group 18-23 years)
- ❖ The top 8 States in terms of highest number of colleges in India are Uttar Pradesh, Maharashtra, Karnataka, Rajasthan, Haryana, Tamil Nadu, Gujarat and Madhya Pradesh
- ❖ It varies from 7 in Bihar to 53 in Karnataka as compared to All India average of 28.
- ❖ Bangalore Urban district tops in terms of number of colleges with 880 colleges.
- ❖ 60.53% Colleges are located in Rural Area.
- ❖ 11.04% Colleges are exclusively for Female.
- ❖ Total enrolment in higher education has been estimated to be 37.4 million.
- ❖ Females constitute 48.6% of the total enrolment.

Foreign Students

- ❖ Highest share of foreign students come from the neighbouring countries of which Nepal is 26.88% of the total.



- ❖ It is followed by Afghanistan (9.8%), Bangladesh (4.38%), Sudan (4.02%), Bhutan constitutes (3.82%) and Nigeria (3.4%).

Pupil Teacher Ratio

- ❖ Pupil Teacher Ratio (PTR) in Universities and Colleges in regular mode enrolment is 29.

ENVIRONMENT

Hottest Ever Five Years: 2014 – 19

- ❖ According to a new UN report compiled by the World Meteorological Organization (WMO), the five-year period ending 2019 is set to be the hottest ever.
- ❖ The period is currently estimated to be 1.1 degrees Celsius above pre-industrial (1850-1900) times and 0.2 degrees Celsius warmer than 2011-2015.
- ❖ The past four years were already the hottest since record-keeping began in 1850.
- ❖ Carbon dioxide levels reached a record high of 37 billion tonnes.

World's First Trading in Particulate Matter – Gujarat

- ❖ Gujarat government has launched what is being described as the “world’s first market” for trading in Particulate Matter (PM) emissions.
- ❖ This emission trading scheme (ETS) has been launched in Surat.
- ❖ ETS aims at
 - reducing the pollution load in an area
 - minimising the cost of compliance for the industry.
- ❖ The Gujarat Pollution Control Board (GPCB) sets a cap on the total emission load from all industries.
- ❖ Various industries can buy and sell the ability to emit particulate matter, by trading permits (in kilograms) under this cap.
- ❖ For this reason, ETS is also called a cap-and-trade market.

