

September - 13

TNPSC BITS

- ❖ The private sector lender HDFC Bank introduced a new SMS banking facility for its customers.
- ❖ The United Nations Human Rights Council passed a deeply flawed resolution on Sri Lanka that ignores calls for an international investigation into alleged abuses during recent fighting and other pressing human rights concerns.

NATIONAL

Prototype Drone for Organ Transport

- ❖ India's first prototype drone for human organ transportation was unveiled recently.
- ❖ India is in the third position after the United States and China with a maximum 17,000-18,000 solid organ transplantation every year.
- ❖ The prototype of unmanned aerial vehicles to provide aid to human organ transplantation is co-created by MGM Healthcare.
- ❖ These 'human organ transporting drones' will be able to cover a distance of a maximum of 20 kilometres.



Manthan EXPO

- ❖ The Union Minister for Road Transport and Highways Nitin Gadkari inaugurated 'Manthan' in Bengaluru.

- ❖ It is a three-day invitation conference cum public EXPO.
- ❖ Manthan aims to discuss multiple issues and opportunities in the roads, transport, and logistics sector and engage with the state.
- ❖ The theme of Manthan is 'IDEAS TO ACTION: Towards a smart, sustainable, road infra, mobility, and logistics ecosystem.'



Digital India Mission



Digital India
Power To Empower


- ❖ Uttar Pradesh ranks at the top in the number of disposal and entry of cases through the e-Prosecution portal.
- ❖ It is managed by the Union government under its Digital India Mission.
- ❖ Uttar Pradesh totally handled 9.12 million cases through this portal.
- ❖ It is followed by Madhya Pradesh, Bihar, Gujarat and Chhattisgarh.

- ❖ UP also ranks at the top in disposal of online cases on this portal.
- ❖ It is followed by Madhya Pradesh and Gujarat.

Pupil Teacher Ratio

- ❖ In Primary Schools, the pupil teacher ratio was at 43 in 2010-11.
- ❖ It has come down to 26.3 in 2020-21.
- ❖ While in Upper Primary schools, the pupil-teacher ratio has reduced from 33 in 2010-11 to 18.9 in 2020-21.
- ❖ Around 1.1 lacks schools in India are single-teachers' entities.
- ❖ There are 11.16 lakh teaching positions still vacant in the country.
- ❖ The Pupil Teacher Ratio at different levels of education show availability of adequate number of teachers for teaching children enrolled at different grade.
- ❖ The increase in number of teachers in schools is contributing to focused delivery of education.

HOW THE STATES FARED				
No. of students per teacher				
Math	Science	Social Studies	language	
Chandigarh				
-	51	43	131	
Punjab				
55	51	58	-	
Goa				
58	42	91	24	
Assam				
90	62	44	30	
Andhra Pradesh				
66	46	97	33	
Haryana				
71	67	93	24	
Karnataka				
86	89	88	-	



INTERNATIONAL

India and Bangladesh - CEPA

- ❖ India and Bangladesh will soon commence negotiations on a Bilateral Comprehensive Economic Partnership Agreement (CEPA).

- ❖ In 2021-22, Bangladesh has emerged as the largest trade partner for India in South Asia and the fourth largest destination for Indian exports worldwide.
- ❖ India is Bangladesh's second biggest trade partner, and its largest export market in Asia.
- ❖ The CEPA is likely to focus on trade in goods, services, and investment, with a key objective being the reduction of the trade gap between the two countries.



ECONOMY

300 branches in unbanked areas

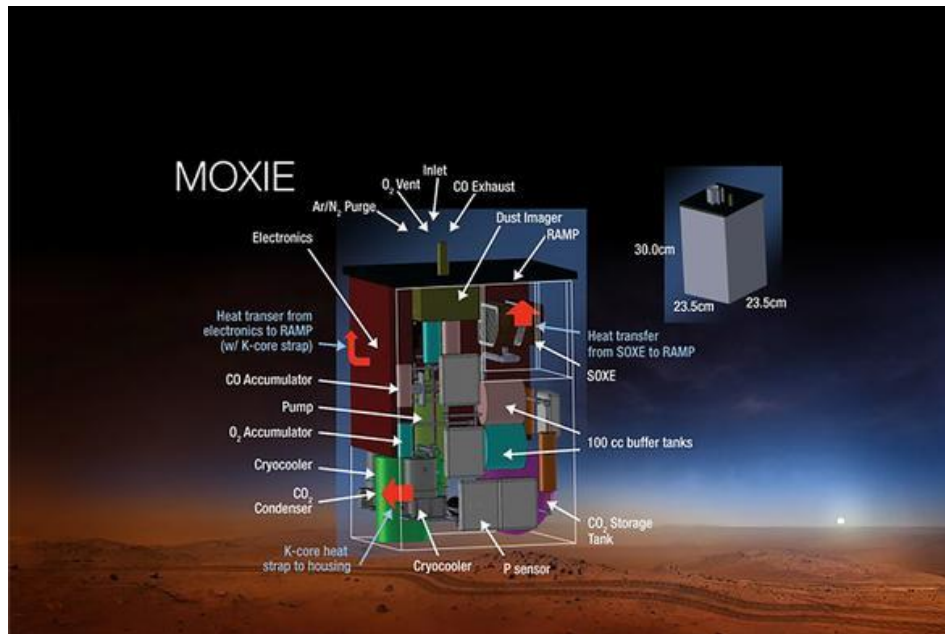
- ❖ Public sector banks will open about 300 brick-and-mortar branches in the unbanked areas of various states by December 2022.
- ❖ These new branches will cover all remaining unbanked villages with a population of more than 3,000.
- ❖ A Maximum number of 95 branches will be opened in Rajasthan followed by 54 in Madhya Pradesh.
- ❖ The public sector banks will open 38 branches in Gujarat, 33 in Maharashtra, 32 in Jharkhand and 31 in Uttar Pradesh.

SCIENCE AND TECHNOLOGY

NASA's Experiment MOXIE

- ❖ An instrument the size of a lunchbox has been successfully generating breathable oxygen on Mars.
- ❖ Moxie stands for Mars oxygen in-situ resource utilisation experiment.

- ❖ It has been successfully making oxygen from the red planet's carbon dioxide-rich atmosphere.
- ❖ In each run, it reached its goal of producing 6g of oxygen per hour.
- ❖ It is similar to the rate of a modest tree on Earth.



ENVIRONMENT

Hottest August in China



- ❖ China have recorded the country's hottest August since records began.
- ❖ The heat wave in southern China last month has suspected by experts to have been one of the worst heat waves in global history.

- ❖ Parts of Sichuan province and city of Chongqing recorded temperatures exceeding 40 degrees Celsius for a string of days.
- ❖ The average temperature nationwide was 22.4C in August.
- ❖ It is exceeding the norm by 1.2C.
- ❖ The month was also China's third-driest August on record.
- ❖ The recorded average rainfall was 23.1 per cent lower than usual.

Global Alliance for Industry Decarbonization - GAID



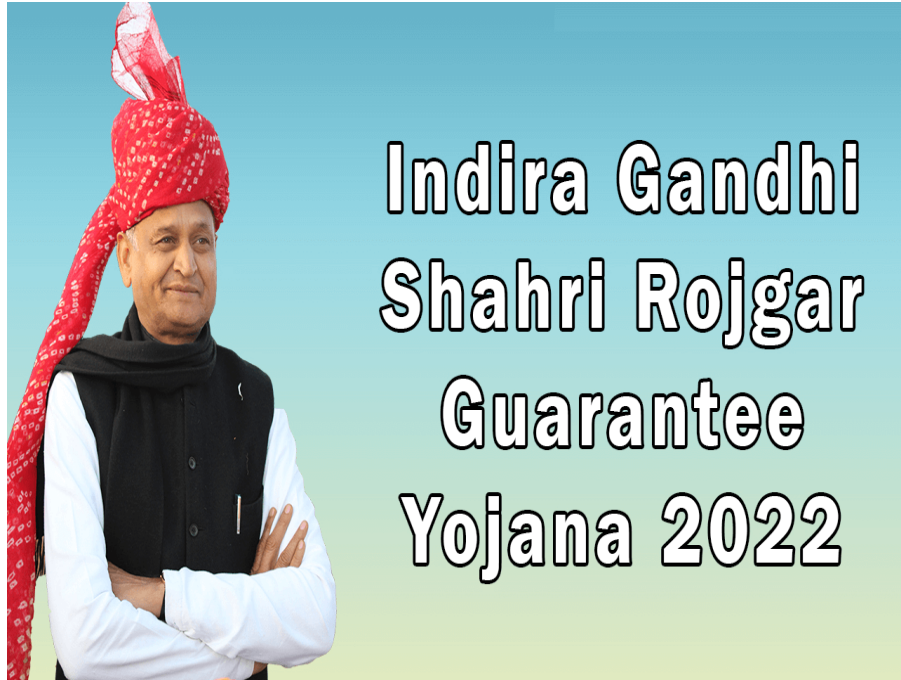
- ❖ International Renewable Energy Agency along with major companies have launched GAID.
- ❖ It aims to accelerate net-zero ambitions and decarbonization of the industrial value chains.
- ❖ The term decarbonization literally means the reduction of carbon.
- ❖ It will allow dialogue and coordinated action
- ❖ 1st meeting will be held at COP27 in Sharm El Sheikh, Egypt.
- ❖ IRENA is an intergovernmental organization mandated to facilitate cooperation, advance knowledge, and promote the adoption and sustainable use of renewable energy.

STATES

100 days urban employment guarantee scheme

- ❖ Rajasthan government launched an ambitious scheme to provide 100 days of employment to needy families in urban areas.

- ❖ It is called as Indira Gandhi Urban Employment Guarantee Scheme.
- ❖ This is made on the lines of the rural employment guarantee scheme MGNREGA.
- ❖ People from the age group of 18 to 60 are eligible for the scheme.



SPORTS

Title Sponsorship Rights



- ❖ Mastercard has announced its collaboration with the Board of Control for Cricket in India to expand its strategic outreach to Indian audiences.

- ❖ Mastercard will be the title sponsor of all the international matches including men and women, held on the home grounds, domestic cricket matches like Duleep Trophy, Ranji Trophy, and Irani Trophy.
- ❖ Also, it sponsors to all junior cricket matches to be held in India.

MISCELLANEOUS

Blue Transformation Roadmap (2022-2030)



- ❖ The Food and Agriculture Organization has recently released Blue Transformation Roadmap (2022-2030).
- ❖ It gives importance to the aquatic food system as the driver of employment, inclusive growth, SDGs and environmental recovery.
- ❖ It aims Coordinate efforts by countries, communities and agencies to maximize the contribution of the aquatic (both freshwater and saltwater) food systems to food security.
- ❖ It re-emphasizes the 2021 Declaration for sustainable Fisheries and Aquaculture of the Committee on Fisheries.

