

July - 01

TNPSC BITS

- ❖ 8th Global Pharmaceutical Quality Summit 2023 was held under the theme of 'Patient Centricity: New Paradigm of Manufacturing and Quality' in Mumbai.
- ❖ The Indian women's doubles pair of Sutirtha Mukherjee and Ayhika Mukherjee won the WTT Contender tournament in Tunis, Capital of Tunisia.

INTERNATIONAL

Chennai-Vladivostok maritime route

- ❖ India and Russia are keen to make the Chennai – Vladivostok maritime route operational.
- ❖ The Vladivostok – Chennai route passes through the Sea of Japan, the South China Sea and Malacca Strait.
- ❖ The proposed route is expected to take only 12 days, compared to the current route's duration of 32 days.
- ❖ The new route would provide India with access to the Far East and open up opportunities for trade between the two countries.



Summit on New Global Financial Pact

- ❖ The French President Emmanuel Macron hosted the Summit for a New Global Financing Pact (Pact Summit) in Paris, France.

- ❖ The Summit was announced at the 27th Conference of Parties (COP27) to the United Nations Framework Convention on Climate Change (UNFCCC).
- ❖ The summit was precipitated as a follow-up to the Bridgetown Initiative.
- ❖ It is a package of proposals to get more money flowing from developed to developing countries for climate and development.



ECONOMY

Greedflation

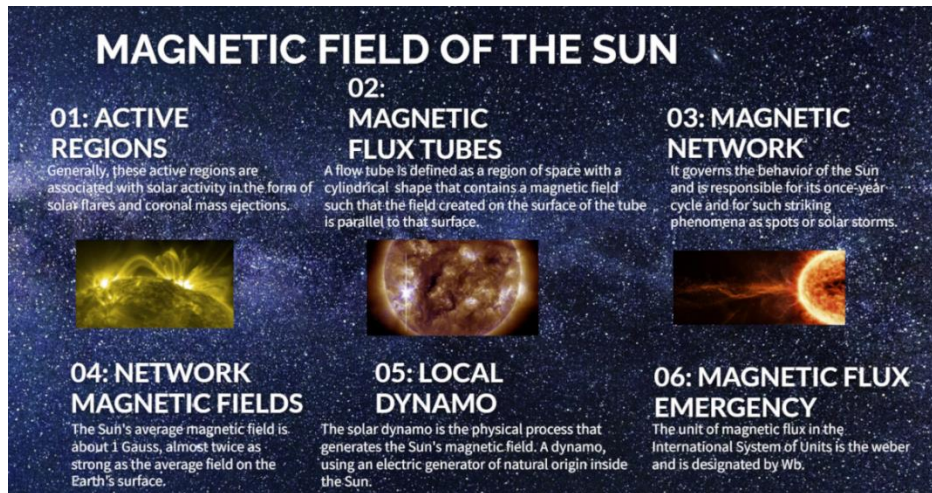


- ❖ Greedflation is currently on the rise in the United States and is one of the primary reasons why prices are being driven up in the country.

- ❖ Greedflation, in basic terms, is the inflation and hike in prices not driven by economic flow, but by corporate greed.
- ❖ It has not taken a headway in India.
- ❖ But foreign companies in the nation continue to jack up the prices to gouge the customer for more profits.

SCIENCE AND TECHNOLOGY

Solar Mean Magnetic Field



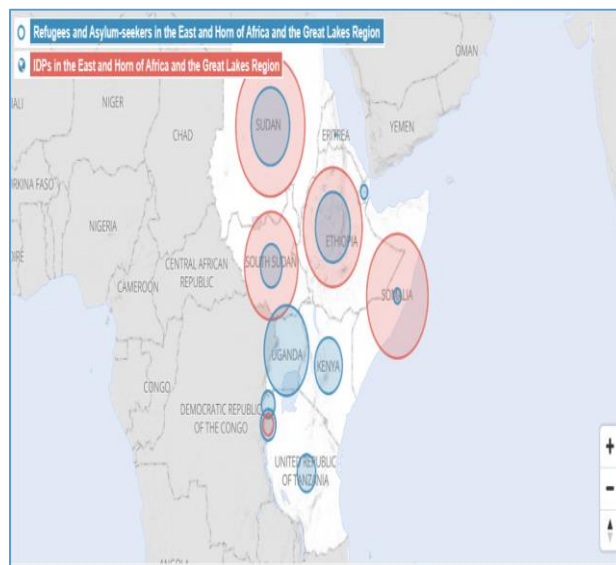
- ❖ Latest study has given a clearer picture of how the sun's magnetic field influences the interplanetary magnetic space.
- ❖ The Solar Mean Magnetic Field (SMMF) influences interplanetary magnetic space and plays a significant role in space weather.
- ❖ SMMF refers to the average strength and direction of the magnetic field on the surface of the Sun.
- ❖ The studies suggests that the primordial magnetic field inside the sun could be a source of the SMMF.

REPORTS AND INDICES

UN report on EHAGL region

- ❖ Approximately 11.71 million Internally Displaced Persons (IDPs) are in East and Horn of Africa and the Great Lakes (EHAGL) region.
- ❖ The situation report was released by the United Nations High Commissioner for Refugees (UNHCR) at the UN Refugee Agency.

- ❖ The IDP population mainly in Burundi, Ethiopia, Somalia, South Sudan and Sudan was estimated at 75,300, 2.73 million, 3 million, over 2.23 million and over 3.7 million people respectively.
- ❖ In East Africa's Burundi, the majority of the displacements were due to climate-related incidents like violent winds, torrential rains and flooding.
- ❖ Burundi is globally one of the 20 most climate-vulnerable countries.
- ❖ Displacement in Ethiopia is due to localised conflicts and inter-communal violence.
- ❖ Displacement in Somalia was associated with conflict/insecurity (52 per cent), drought (31 per cent) and flooding (16 per cent).
- ❖ In Sudan, the internal displacement is mainly due to the long-standing conflict in Darfur since 2004.



QS World University Rankings 2024

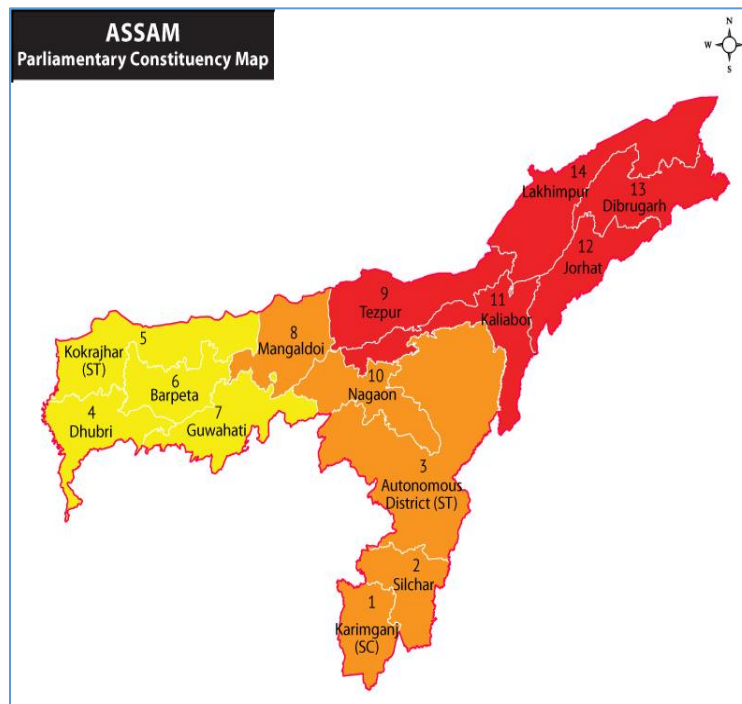
- ❖ Massachusetts Institute of Technology (MIT) is on top of the rankings for the 12th year in a row.
- ❖ University of Cambridge has managed to retain the second spot.
- ❖ University of Oxford has replaced Stanford University on the third spot.
- ❖ American universities once again dominated the QS rankings, taking half of the places in the top 20.
- ❖ IIT Bombay now stands 1st in the country and 149th globally, up from last year's 172.
- ❖ IIT Delhi went down to 197th this year.

- ❖ Three other IITs have featured in the top 300 list globally.

Institute/University	QS Rankings 2024	QS Rankings 2023
IIT Bombay	149	172
IIT Delhi	197	174
IISc Bangalore	225	155
IIT Kharagpur	271	270
IIT Kanpur	278	264
IIT Madras	285	250
IIT Guwahati	364	384
IIT Roorkee	369	369
University of Delhi	407	521-530
Anna University	427	551-560
IIT Indore	454	396
University of Madras	526	541-550
IIT BHU	571	651-700

STATES

Delimitation in Assam



- ❖ The Election Commission (EC) released a draft delimitation document for Assam.
- ❖ It was proposing a change in boundaries of several Lok Sabha and Assembly constituencies of the state.

- ❖ The delimitation exercise was carried out on the basis of 2001 census.
- ❖ The last delimitation was done in Assam in 1976.
- ❖ The average population density of the state is 338 persons per sq Km.
- ❖ It retained the number of assembly seats in Assam at 126 and the Lok Sabha constituencies at 14.
- ❖ The assembly seats reserved for Scheduled Castes be increased from eight to nine and for Scheduled Tribes seats from 16 to 19.
- ❖ A parliamentary seat has been proposed to be named Kaziranga.
- ❖ It proposes to reserve 19 assembly and two parliamentary seats for STs, and nine assembly and one parliamentary seat for SCs.

PERSONALITIES, AWARDS, AND EVENTS

AI Fozan International Prize



- ❖ Five young scientists from Argentina, Cameroon, China, Egypt and Serbia have received the prestigious UNESCO-AI Fozan International Prize.
- ❖ This is awarded for the Promotion of Young Scientists in Science, Technology, Engineering and Mathematics (STEM).
- ❖ This is the first edition of the biennial prize, which was established by UNESCO in 2021 in partnership with the Al-Fozan Foundation in Saudi Arabia.

Co-creator of the lithium-ion battery

- ❖ John Goodenough, known for developing the lithium-ion battery has passed away at USA.

- ❖ He shared the 2019 Nobel Prize in chemistry for his work developing the lithium-ion battery.
- ❖ Goodenough was the oldest person to receive a Nobel Prize.
- ❖ He had shared the award with British-born American scientist M. Stanley Whittingham and Japan's Akira Yoshino.
- ❖ The first lightweight, safe, durable and rechargeable commercial batteries entered the market in 1991.



SPORTS

World Cup trophy in space



- ❖ The International Cricket Council (ICC) unveiled the ODI World Cup 2023 trophy in a very unique way.

- ❖ It was launched into the space stratosphere, at an altitude of 1,20,000 feet above the Earth.
- ❖ The temperature at that altitude was -65 degree Celsius.
- ❖ The trophy has been brought back to the host country India and will now be taken across 18 countries.
- ❖ The ODI World Cup 2023 will be played between October and November.

MISCELLANEOUS

Wild foods for dietary diversity

- ❖ The study titled 'Wild foods contribute to women's higher dietary diversity in India', was published in the journal Nature Food.
- ❖ It highlights the role of food items collected from forests and common lands in women's diets in rural India.
- ❖ The wild food consumption significantly contributes to women's diets, particularly during the months of June and July.
- ❖ Women who consumed wild foods had higher average dietary diversity scores than those who did not collect wild foods.
- ❖ 40% of the women in the study group never met the minimum dietary diversity over the one-year period.

