

October - 09

TNPSC BITS

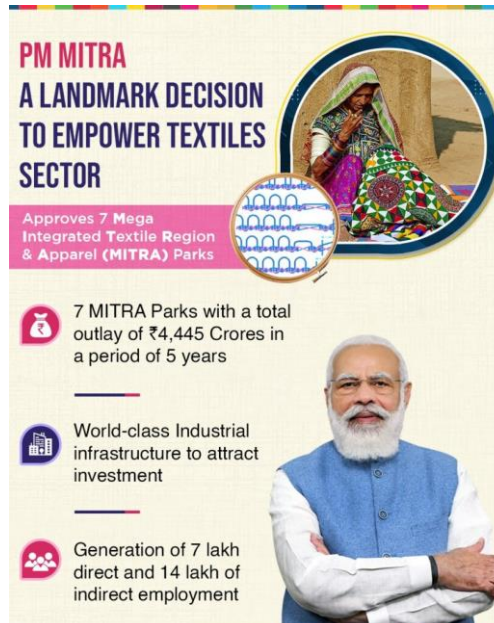
- ❖ A team of Indian scientists have developed a non-toxic, environmentally friendly, biodegradable polymer using guar gum and chitosan.
 - Guar gum and Chitosan are polysaccharides that are extracted from guar beans and shells of crab & shrimps.

NATIONAL

National Road Safety Board

- ❖ The Union Ministry of Road Transport & Highways notified to set up a “National Road Safety Board”.
- ❖ The National Safety Board will be responsible for the promotion of road safety, innovation and adoption of new technology.
- ❖ It will also regulate traffic and motor vehicles.
- ❖ The Head Office of the National Road Safety Board will be established in the National Capital Region.
- ❖ All the members of the board will be appointed by the Central Government.

PM MITRA parks




PM MITRA
A LANDMARK DECISION
TO EMPOWER TEXTILES
SECTOR

Approves 7 Mega Integrated Textile Region & Apparel (MITRA) Parks

7 MITRA Parks with a total outlay of ₹4,445 Crores in a period of 5 years

World-class Industrial infrastructure to attract investment

Generation of 7 lakh direct and 14 lakh of indirect employment



The infographic features a woman in traditional Indian attire working on a colorful textile, a map of India, and a portrait of Prime Minister Narendra Modi. The text is presented in a clean, modern font with icons for money, infrastructure, and people.

- ❖ The Centre has approved the setting up of seven new mega textile parks or PM MITRA parks across the country.
- ❖ This is in an effort to help to further the growth of the textile sector in the economy and position India strongly on the Global textiles map.
- ❖ The Mega Integrated Textile Region and Apparel Parks (PM MITRA) will be based on the 5F vision of the Hon'ble Prime Minister.
- ❖ The '5F' Formula consists of Farm to fibre; fibre to factory; factory to fashion; fashion to foreign.
- ❖ These parks will be set up at Greenfield and Brownfield sites in different States.
- ❖ The parks will be owned in a Public-Private Partnership (PPP) Mode.

India's newest Tiger Reserve



- ❖ Chhattisgarh government's proposal to declare the combined areas of the Guru Ghasidas National Park and Tamor Pingla Wildlife Sanctuary as a Tiger Reserve was approved recently.
- ❖ It was approved by National Tiger Conservation Authority (NTCA).
- ❖ The new Reserve is located in the northern part of the state, bordering Madhya Pradesh and Jharkhand.
- ❖ This will be the fourth Tiger Reserve in Chhattisgarh.
- ❖ The other three are the Udanti-Sitanadi, Achanakmar, and Indravati Reserves.
- ❖ Guru Ghasidas National Park was the last known habitat of the Asiatic cheetah in the country.

Jim Corbett National Park



Jim Corbett National Park name change: Uttarakhand's Jim Corbett National Park is likely to be renamed Ramganga National Park after the river that flows through the tiger reserve.

- ❖ The Union Minister of State for Environment, Forest and Climate Change Ashwini Kumar Choubey has proposed to change the name of Corbett National Park to Ramganga National Park.
- ❖ Jim Corbett National Park is located in the Nainital district of Uttarakhand.
- ❖ The Park encompasses the Patli Dun valley formed by the Ramganga river.
- ❖ The national park was established in 1936 as Hailey National Park to protect the endangered Bengal tiger.
- ❖ It is named after Jim Corbett who played a key role in its establishment.
- ❖ It is the oldest national park in India.
- ❖ It was the first area to come under the Project Tiger initiative in 1973.

INTERNATIONAL

Pandora Paper leaks

- ❖ Pandora Papers have come to the spotlight after millions of documents related to the hidden world of offshore wealth got leaked to the International Consortium of Investigative Journalism (ICIJ).
- ❖ These are the 11.9 million leaked papers from 14 companies, in offshore tax havens, comprising of details of ownership of 29,000 offshore companies and trusts from countries like Vietnam, Belize and Singapore.

- ❖ In this case, around 380 people of Indian nationality have been named.



ECONOMY

Kotak Mahindra Bank

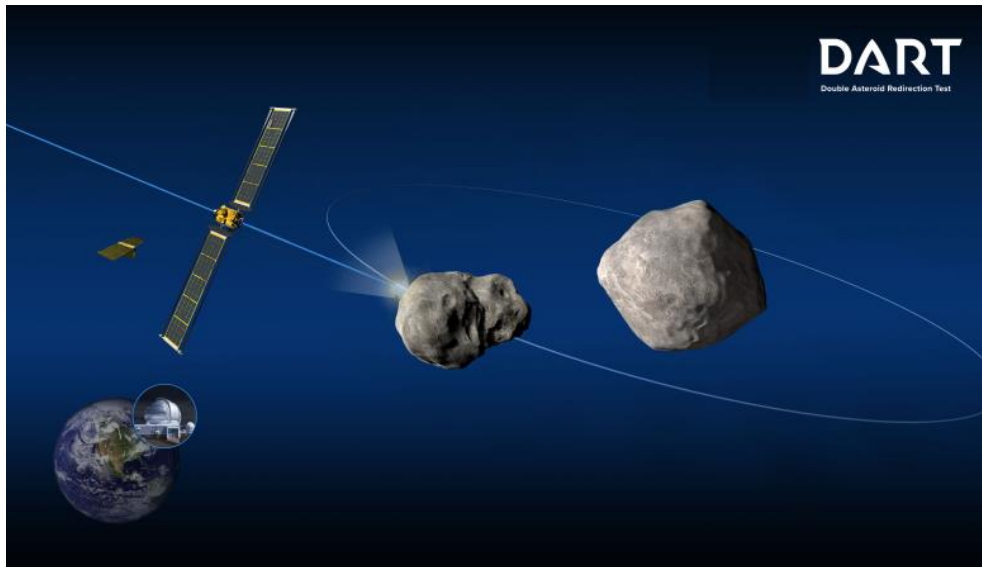


- ❖ Kotak Mahindra Bank Ltd (KMBL) has received approval from the government for the collection of direct & indirect taxes through its banking network.
- ❖ They include income tax, Goods and Services Tax (GST) etc.
- ❖ With this, this bank becomes the first scheduled private sector bank to receive this approval.

SCIENCE AND TECHNOLOGY

DART spacecraft

- ❖ The American Space Agency, NASA has announced to launch “asteroid-killing Double Asteroid Redirection Test (DART) spacecraft”
- ❖ The DART mission is based on the idea of developing a defence system against asteroid collisions
- ❖ The spacecraft will be launched, aboard SpaceX’s Falcon 9 rocket.
- ❖ It will be launched from Vandenberg Space Force Base, California.



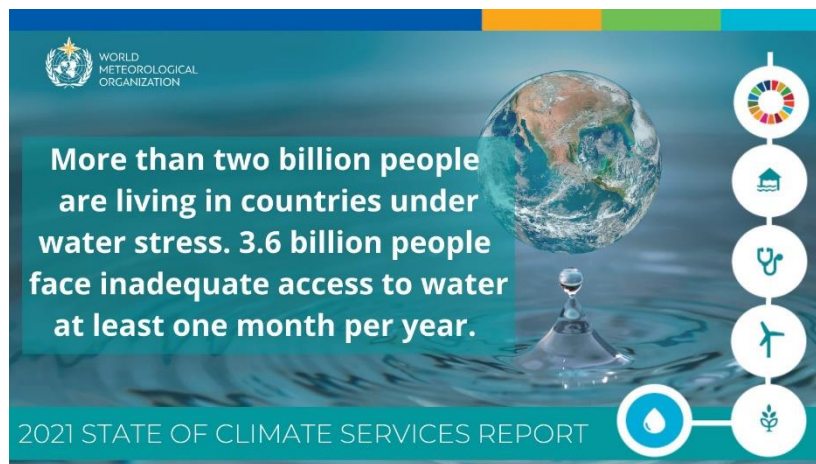
World’s first Malaria vaccine – Mosquirix



- ❖ The World Health Organization (WHO) endorsed the Malaria Vaccine called “RTS, S/AS01” or mosquirix to use in Africa.
- ❖ RTS, S/AS01 is the world’s first vaccine against Malaria.
- ❖ This vaccine was first made in 1987 by the pharmaceutical company GSK.
- ❖ It was tested in a pilot programme in the three African countries - Ghana, Kenya and Malawi.

ENVIRONMENT

The State of Climate Services 2021: Water report



- ❖ The World Meteorological Organization (WMO) released this report.
- ❖ According to WHO, climate change increases the risk of water-related hazards such as floods and droughts.
- ❖ The Climate change will also increase the number of people affected by water scarcity.
- ❖ The report also notes that this situation is worsening as only 0.5 per cent of the water on the Earth is useable and available freshwater.

STATES

Fishwaale App

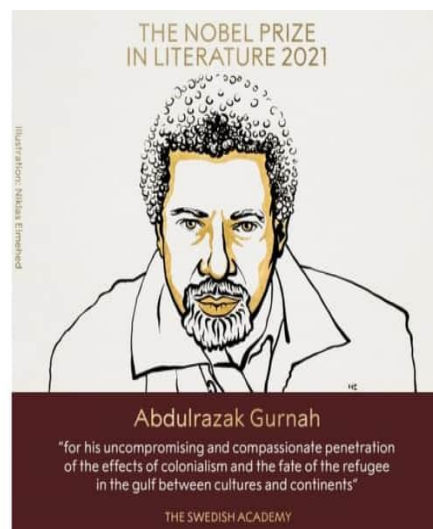
- ❖ The assam minister for Fisheries, Environment and Forest and Excise, Parimal Suklabaidya launched an App Fishwaale.
- ❖ It is India’s first e-fish market.

- ❖ It was developed by Aqua Blue Global Aquaculture Solutions Pvt. Ltd. in collaboration with the fisheries department of Assam.



PERSONALITIES, AWARDS, AND EVENTS

Nobel Prize in Literature 2021



- ❖ The Nobel Prize in Literature 2021 was awarded to Abdulrazak Gurnah of the United Kingdom.

- ❖ It is “for his uncompromising and compassionate penetration of the effects of colonialism and the fate of the refugee in the gulf between cultures and continents.”
- ❖ The Nobel Prize in literature is awarded by the Swedish Academy, Stockholm, Sweden.

Daniel Craig



- ❖ James Bond star Daniel Craig has been honoured with a star on the Hollywood Walk of Fame in California.
- ❖ Craig started playing James Bond with 2006’s “Casino Royale”.
- ❖ Later he reprised the part in “Quantum of Solace” (2008), “Skyfall” (2012) and “Spectre” (2015).
- ❖ The movie “No Time To Die” marks his fifth and final appearance as James Bond.

SPORTS

2024 European Championship logo

- ❖ Germany has unveiled the logo for soccer’s 2024 European Championship.

- ❖ The logo features an outline of the Henri Delaunay Cup.
- ❖ 24 slices around the trophy are to represent the 24 teams that will ultimately qualify for the tournament in Germany.



ISSF Junior Championships



- ❖ Young Indian shooter, Aishwary Pratap Singh Tomar smashed the world record in the final to win gold in the men's 50m rifle 3 positions event at the ISSF Junior World Championships.
- ❖ International Shooting Sport Federation (IISF) Junior World Championships was held in Lima, Peru.

IMPORTANT DAYS

World Cotton Day – 07 October

- ❖ The international day aims to celebrate the advantages of cotton, ranging from its qualities as a natural fibre to the benefits people obtain from its production, transformation, trade and consumption.
- ❖ The initiative of World Cotton Day was born in 2019.
- ❖ The four cotton producers in sub-Saharan Africa – Benin, Burkina Faso, Chad and Mali, proposed World Trade Organization a World Cotton Day celebration on October 7.
- ❖ These countries are known as the Cotton Four.

