

June - 20

TNPSC BITS

- ❖ Oracle has partnered with Tamil Nadu Skill Development Corporation to equip the state's youth with IT skills and capabilities to enhance employment opportunities.
- ❖ Indian Railways has entered its name into Limca Book of Records for most people at a public service event at multiple venues.
- ❖ India is set to become the sixth country to have its own deep-sea mission.
- ❖ Siddhesh Sakore, a farmer and the founder of AGRO RANGERS, from Maharashtra, has been named Land Hero by the United Nations Convention to Combat Desertification (UNCCD).
- ❖ RBI was awarded 'Risk Manager of the Year 2024' by Central Banking, UK.
- ❖ Former RBI Spokesperson Alpana Killawala wrote a book named "A Fly on the RBI Wall: An Insider's View of the Central Bank".
- ❖ The Father's Day is celebrated annually on the third Sunday of June
 - This year, it falls on June 16.

TAMIL NADU

New Comprehensive Mini Bus Scheme, 2024



- ❖ The draft New Comprehensive Mini Bus Scheme, 2024 was notified by the Tamil Nadu government.

- ❖ It proposes to allow operators to ply for a maximum permitted route length of 25 km.
- ❖ At present, minibuses are allowed to ply for a maximum of 20 km, of which 16 km should be in remote areas.
- ❖ The State government introduced the minibus scheme in 1997 through which operators were permitted to ply for a distance of 16 km.
- ❖ Two years later, the scheme was expanded to permit operators to ply for 20 km.

NATIONAL

Prerna Sthal in Parliament



- ❖ Vice President inaugurated the 'Prerna Sthal' on the Parliament House premises, where 15 statues of freedom fighters and icons of Indian history.
- ❖ It includes statues of MK Gandhi and B.R. Ambedkar, previously established in different parts of the Parliament campus, have been relocated to a single location.
- ❖ The main objective of Prerna Sthal is that these statues within the Parliament complex should be installed at one place.
- ❖ But there is a dedicated committee for installing portraits and statues of national leaders and MPs in the Parliament House Complex.

- ❖ It is called the Committee on the Installation of Portraits and Statues of National Leaders and Parliamentarians in the Parliament House Complex.
- ❖ It includes MPs from both Houses.
- ❖ However, the committee has not been reconstituted since 2019.

INTERNATIONAL

STSS Infections Surge - Japan

- ❖ Japan is on the high alert after close to 1,000 cases of a deadly infection were reported across the country.
- ❖ The disease is known as Streptococcal Toxic Shock Syndrome (STSS), or 'flesh-eating bacteria'.
- ❖ It is spreading rapidly, resulting in deaths within a short period.
- ❖ STSS is a rare but severe bacterial infection caused by group A Streptococcus Bacteria.
- ❖ It occurs when these bacteria enter deep tissues and the bloodstream, releasing toxins that cause a rapid and dangerous response in the body.

Streptococcal Toxic Shock Syndrome (STSS)

- Complication of invasive GAS disease characterized by shock & MOF → occurs as a result of capillary leak & tissue damage due to release of inflammatory cytokines induced by streptococcal toxins
- Complicates invasive GAS in 30% of cases; 50% in nec fasc
- **Diagnostic criteria:**
 - Isolation of GAS from sterile body site (i.e., blood)
 - Early onset hypotension
 - Multi-organ involvement (2+): kidneys, liver, lung/ARDS, coagulopathy, erythematous macular rash, soft tissue necrosis

G7 2024 Summit

- ❖ G7 leaders participated at the G7 Summit in Apulia, Italy.

- ❖ Apart from G7, India, Pope Francis and Ukraine's Volodymyr Zelenskyy were also invited to the 2024 summit.
- ❖ The King of Jordan, leaders of Brazil, Argentina, Turkey, the United Arab Emirates, Kenya, Algeria, Tunisia and Mauritania were also present at the event in Borgo Egnazia in the southern region of Puglia.
- ❖ USA and Ukraine have signed a 10-year security agreement as a milestone in relations between their countries.
- ❖ The Vatican chief Pope Francis became the first pontiff to attend a G7 summit.
- ❖ G7 nations have agreed upon a \$50bn deal to fund Ukraine through profits on frozen Russian assets.



SCIENCE AND TECHNOLOGY

Asteroid 2024 LZ4

- ❖ NASA has found an asteroid identified as 2024 LB4 approaching the Earth.
- ❖ About 98 feet in diametric measurements, the asteroid size is approximately of a commercial airliner.
- ❖ This Asteroid passed closer to Earth than the Moon, by 173,000 miles.
- ❖ An asteroid is considered possibly dangerous if it is within 4.6 million miles of Earth and is more than 150 meters across.

- ❖ Even though it is close, asteroid 2024 LZ4 doesn't meet these requirements because it is too small.



ENVIRONMENT

Cheetahs in Gandhi Sagar Sanctuary – Madhya Pradesh



- ❖ The Gandhi Sagar Wildlife Sanctuary will be the second home for cheetahs in India, after the Kuno National Park in Madhya Pradesh.
- ❖ The Chambal River cutting the sanctuary into two almost equal halves.
- ❖ Gandhi Sagar's savanna ecosystem comprising open grasslands interspersed with dry deciduous trees and shrubs.

- ❖ It looks like Maasai Mara, a national reserve in Kenya known for its savanna wilderness and wildlife.

REPORTS AND INDICES

WHO report on antibacterial research

- ❖ WHO released its annual report titled “2023 Antibacterial agents in clinical and preclinical development: an overview and analysis”.
- ❖ India contributes only 1% to the global antibacterial research and development (R&D) pipeline.
- ❖ 84% of antibacterial R&D is concentrated in high-income countries, with another 12% in upper-middle-income economies.
- ❖ But the lower-middle-income countries including India, are contributing only 4%.
- ❖ The new antibacterial agents being developed in China and the Russian Federation are 3% and 2%, respectively.
- ❖ India and South Africa are each contributing 1%.



IMPORTANT DAYS

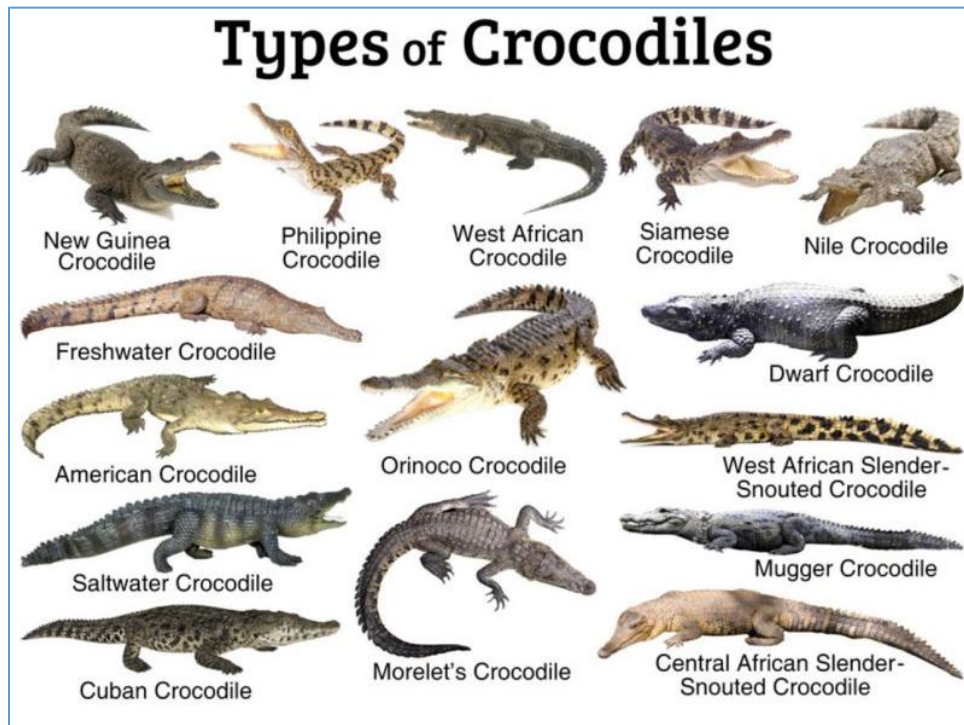
Autistic Pride Day 2024 – June 16

- ❖ This day acknowledges the significance of pride for autistic people and its impact on fostering positive societal changes.
- ❖ The first Autistic Pride Day was celebrated in Brazil in 2005.
- ❖ Autism spectrum sickness (ASD) is a neurological and developmental disorder
- ❖ It is impacting how humans interact with others, communicate, learn, and behave.

- ❖ Autism is usually first diagnosed in childhood.
- ❖ About one in 110 children is diagnosed with autism.
- ❖ The prevalence of autism spectrum disorders in boys is three-four times greater than in girls.
- ❖ The theme for this year is "Taking the Mask Off".



World Crocodile Day 2024 – June 17



- ❖ This day is for a global awareness campaign to highlight the plight of endangered crocodiles and alligators around the world.

- ❖ This family consists of 24 species and includes ‘true crocodiles’, alligators, caiman and the gharial.
- ❖ Three crocodylian species are found in India viz.
 - Muggor or marsh crocodile (*Crocodylus palustris*);
 - Estuarine or saltwater crocodile (*Crocodylus porosus*) and
 - Gharial (*Gavialis gangeticus*).
- ❖ In 1975, India launched its Crocodile Conservation Project in the state of Odisha’s Bhitarkanika National Park.

Sustainable Gastronomy Day 2024 – June 18

- ❖ The UN General Assembly has adopted on 21 December 2016 its resolution to designate this day.
- ❖ Sustainable gastronomy means cuisine that takes into account where the ingredients are from, how the food is grown and how it gets to our markets and eventually to our plates.

