# TNPSC BITS

❖ The state of Georgia in the United States has formally designated October as "Hindu Heritage Month".

  o It aims to recognize and appreciate the valuable contributions made by the vibrant Hindu-American community residing in the state.

# NATIONAL

## Adopt a Heritage 2.0' scheme



❖ The Archaeological Survey of India (ASI) launched its innovative Adopt a Heritage 2.0 programme.

❖ It aims to safeguard India's diverse cultural heritage by inviting corporate stakeholders to enhance the amenities at more than 3,600 monuments spread across the country.

❖ ASI will be reaching out to corporate partners to utilise their Corporate Social Responsibility (CSR) funds to enhance the amenities at these historical sites.

❖ Interested stakeholders will be able to adopt a monument or specific amenities through a dedicated web portal.

## Inheritance for Void & Voidable Marriages

| | VOID MARRIAGE. | VOIDABLE MARRIAGE. |
|---|---|---|
| 1 | In a void marriage, the parties do not acquire any status of husband and wife as such it does not confer any mutual rights and obligations upon the parties. | On the other hand, in a voidable marriage the parties acquire status of husband and wife and it confers mutual rights and obligations upon the parties for all purposes until a decree of court annuls it. |
| 2. | A void marriage is void *ab initio.* It is void from the very beginning. No decree of Court is required to annul the void marriage. However, if parties so wish, a void marriage is merely declared by the court as void by a decree of annulment. | But a voidable marriage remains perfectly valid unless it is avoided by a decree of court nullifying it. |
| 3. | In a void marriage, either of the parties to the marriage may marry again without getting a decree declaring the marriage void. The offence of bigamy is not attracted. | On the other hand, as the voidable marriage is valid unless avoided, neither of the parties can marry again without obtaining a decree of nullity of marriage or else the offence of bigamy is attracted. |
| 4. | In a void marriage, a wife is not entitled to claim maintenance under section 125 of Cr.P.C as she acquires no status of wife. | But in a voidable marriage, the wife can claim maintenance until the marriage is annulled by a decree of declaration. |
| 5. | In void marriage, neither of the parties acquire right of inheritance on the death of other party when succession opens. | In case of voidable marriage, either of the parties acquire right of inheritance on the death of other party when succession opens, if the marriage is not annulled. |

❖ The Supreme Court held that a child born of a void or voidable marriage can inherit the parent's share in a joint Hindu family property governed by the Mitakshara law.

❖ It also clarified that such a child would not be entitled to rights in or to the property of any other person in the family.

❖ A voidable marriage is one that is made invalid by the husband or wife through a decree.

❖ A void marriage is invalid at the very inception.

❖ Mitakshara law of succession governing Hindu Undivided Families applies to the whole of India except West Bengal and Assam.

❖ Section 16 of the Hindu Marriage Act has statutorily conferred legitimacy to children born out of void or voidable marriages.

## Status of NCERT
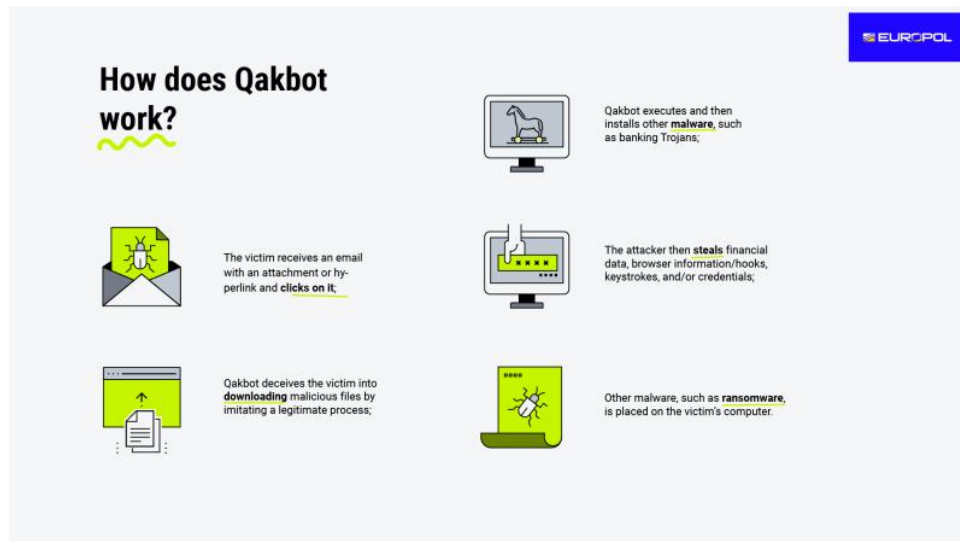
❖ The National Council of Educational Research and Training (NCERT) has been granted deemed university status.

❖ Deemed-to-be-university is recognition to higher education institutions that excel in specific areas of study.

❖ NCERT will now be able to award its own graduate, postgraduate and doctoral degrees.

❖ It can apply to UGC for setting up a new institution for undertaking study and research in emerging areas of knowledge that are not offered by any existing institution.

❖ Apart from awarding degrees to teachers, it will decide courses it wants to offer.
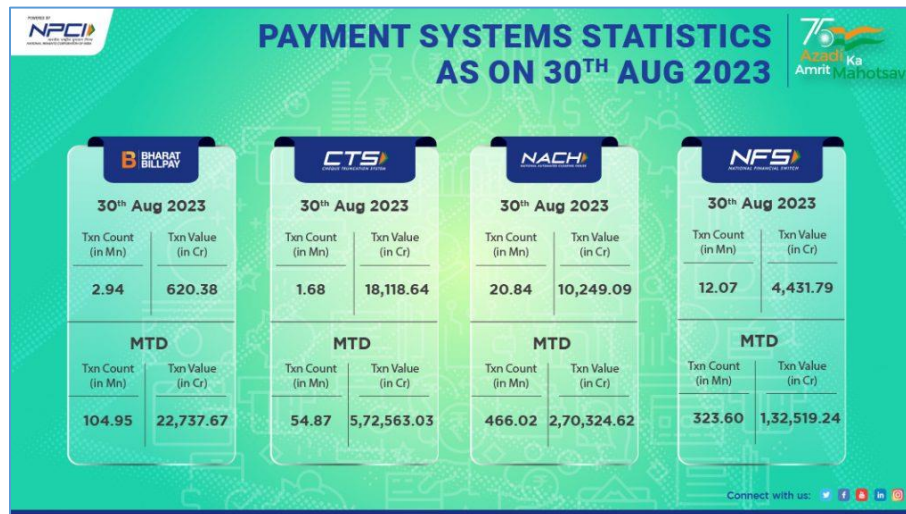


# INTERNATIONAL

## Qakbot malware platform



❖ An international law enforcement operation had taken down the notorious "Qakbot" malware platform.

❖ It is used extensively by cybercriminals in a variety of financial crimes.

❖ Qakbot is commonly spread through malicious, boobytrapped emails sent to unsuspecting victims.

- ❖ The operation, nicknamed Duck Hunt, has involved multinational enforcement agencies.
- ❖ QakBot, also known as QBot and Pinkslipbot, was started as a banking trojan in 2007.

# ECONOMY

## 10 billion UPI Transactions

- ❖ India's Unified Payments Interface (UPI) have likely crossed the historic mark of 10 billion monthly volumes for the month of August.
- ❖ Monthly transaction count on UPI crossed 10.24 billion on 30 August, with net transaction value of ₹15.18 trillion.
- ❖ Transactions on UPI have grown by over 50% year-on-year, with August last year registering 6.58 billion monthly transactions.
- ❖ UPI crossed 1 billion monthly transactions for the first time in October 2019.



**PAYMENT SYSTEMS STATISTICS AS ON 30TH AUG 2023**

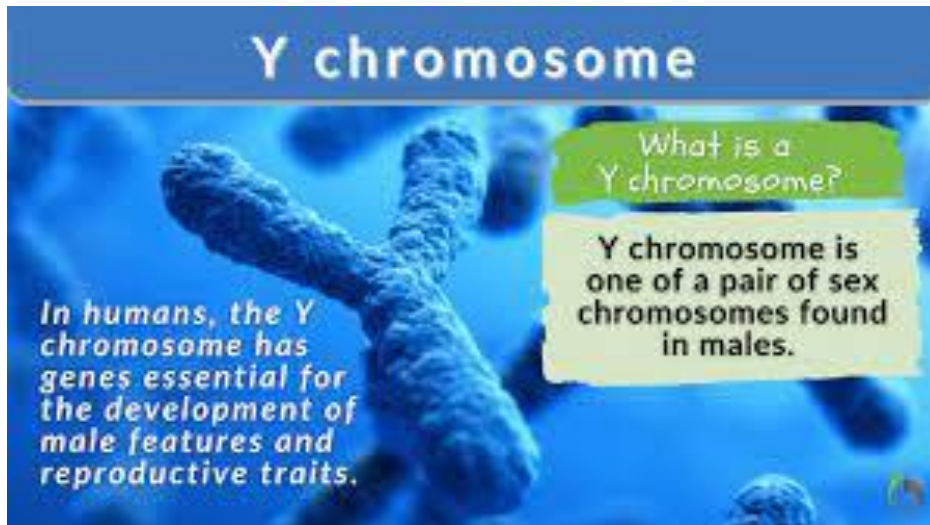| | BHARAT BILLPAY | | CTS | | NACH | | NFS | |
|---|---|---|---|---|---|---|---|---|
| | 30th Aug 2023 | | 30th Aug 2023 | | 30th Aug 2023 | | 30th Aug 2023 | |
| | Txn Count (in Mn) | Txn Value (in Cr) | Txn Count (in Mn) | Txn Value (in Cr) | Txn Count (in Mn) | Txn Value (in Cr) | Txn Count (in Mn) | Txn Value (in Cr) |
| | 2.94 | 620.38 | 1.68 | 18,118.64 | 20.84 | 10,249.09 | 12.07 | 4,431.79 |
| MTD | Txn Count (in Mn) | Txn Value (in Cr) | Txn Count (in Mn) | Txn Value (in Cr) | Txn Count (in Mn) | Txn Value (in Cr) | Txn Count (in Mn) | Txn Value (in Cr) |
| | 104.95 | 22,737.67 | 54.87 | 5,72,563.03 | 466.02 | 2,70,324.62 | 323.60 | 1,32,519.24 |

## Rashtriya Chemicals and Fertilizers

- ❖ Rashtriya Chemicals and Fertilizers (RCF) has received 'Navratna Status' from Department of Public Enterprise.
- ❖ Navratna companies possess financial autonomy to invest up to Rs 1000 crore without any approval from the central government.
- ❖ The RCF is a Government of India owned 4th leading fertilizer and chemical manufacturing company.
- ❖ About 80% of its equity is held by the Government of India.

❖ The company recently received an environmental clearance for its nano urea fertilizer plant.



राष्ट्रीय केमिकल्स एण्ड फर्टिलाइजर्स लिमिटेड
Rashtriya Chemicals and Fertilizers Limited

# SCIENCE AND TECHNOLOGY

**Decipher of the Y Chromosome**



❖ The scientists have successfully sequenced the Y chromosome for the first time.

❖ This reference sequence will facilitate the exploration of conditions and disorders tied to this chromosome.

❖ The Y chromosome is termed as the "dark matter" of the genome.

❖ Initial attempts to decipher the fundamental elements of our genetic code occurred two decades ago.

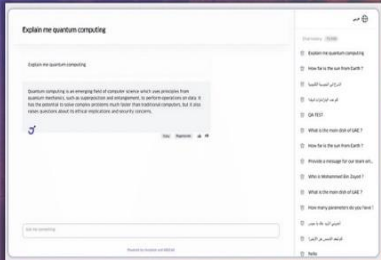❖ Yet significant gaps persisted across the 23 pairs of human chromosomes.

❖ These gaps were substantially filled last year by an international collective of 100 researchers known as the Telomere-to-Telomere (T2T) Consortium.

## Jais - Language Mode

❖ Inception, a unit of Abu Dhabi AI company G42, has released 'Jais', the world's most advanced Arabic large language model.

❖ Jais is a bilingual Arabic-English model that has been trained on a massive dataset of text and code.

❖ It can be used for a variety of tasks, such as machine translation, text summarization, and question answering.

❖ It was trained on the Condor Galaxy, the world's largest AI supercomputer.



## ENVIRONMENT

## Climate Change effect in Polar Bears

❖ The greenhouse gas emissions will increase the number of ice-free days in the bears' habitats.

❖ It will affect the percentage of cubs that reach adulthood.

❖ The apex carnivores have had endangered species protections since 2008.

❖ Long term declines have already been recorded in three of the 19 polar bear subpopulations found across the Arctic.

- Its population dropped from an estimated 842 to 618 between 2016 and 2021.
- The marine mammals are heavily dependent on sea ice for hunting.



# STATES

## Kokborok language



Kokborok Day is celebrated annually in Tripura, to mark the day in 1979 when Kokborok was recognised as an official language of the state, the other being Bengali.
Kokborok refers to the group of several languages and their dialects that are spoken by people in Tripura as well as parts of Assam, Mizoram and West Bengal.
The first use of Kokborok is said to date back to the records of the Kingdom of Tripura in the 1st Century CE.

- The Kokborok language issue revolves around the script used for Kokborok, which has been a decades-old debate in Tripura.
- Bengali and Roman scripts have been used for Kokborok.
- The demand for Roman script has gained momentum in recent years.
- Kokborok is one of the official languages of Tripura, along with Bengali.

❖ It is a Sino-Tibetan language spoken by about 1 million people in the state of Tripura in northeast India.

❖ It is a relatively homogenous language with several dialects spoken in Tripura.

❖ It is the lingua franca of most of the 19 tribal communities of Tripura.

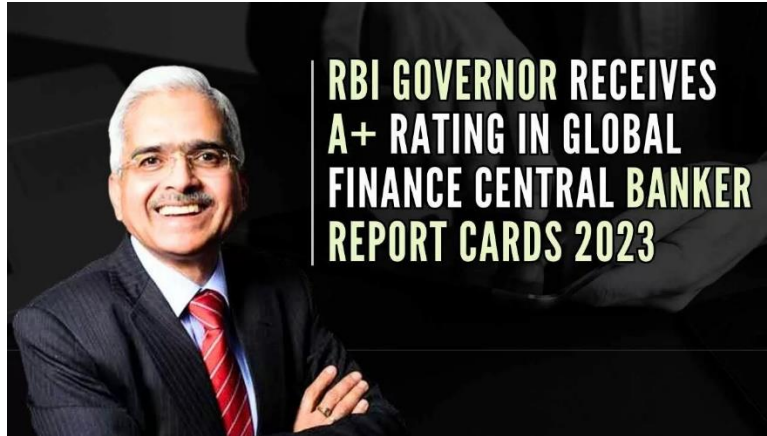# PERSONALITIES, AWARDS, AND EVENTS

## World Innovation Award

❖ Telangana Chief Innovation Officer Shanta Thoutam has received the World Innovation Award at the first BRICS innovation forum.

❖ The award is given for outstanding contribution to the Sustainable Development Goal-4.

❖ SDG-4 that ensures inclusive and equitable quality education and promotes life-long opportunities for all.

❖ The world Innovation Award was instituted by the World Organisation for Development, an international NGO.



## Global Finance Central Banker Report 2023

❖ Shaktikanta Das was rated an 'A+' in the Global Finance Central Banker Report Cards 2023.

❖ He has been placed at the top of the list of three central bank governors who have been rated A+."

❖ The report celebrates those bank governors whose strategies outperformed their peers through originality, creativity, and tenacity.



RBI GOVERNOR RECEIVES A+ RATING IN GLOBAL FINANCE CENTRAL BANKER REPORT CARDS 2023

# MISCELLANEOUS

## Ophidascaris robertsi

❖ 8 cm-long parasitic roundworm was taken out of patient's brain in Australia.

❖ The roundworm, usually found in pythons, had never been reported in humans before.

❖ The parasite is identified as Ophidascaris robertsi.

❖ It is a python nematode of Australia and Papua New Guinea.

❖ This case creates a new frontier in understanding animal-human interactions and zoonotic diseases.



★ ★ ★ ★ ★ ★ ★ ★ ★ ★