



June - 06

TNPSC BITS

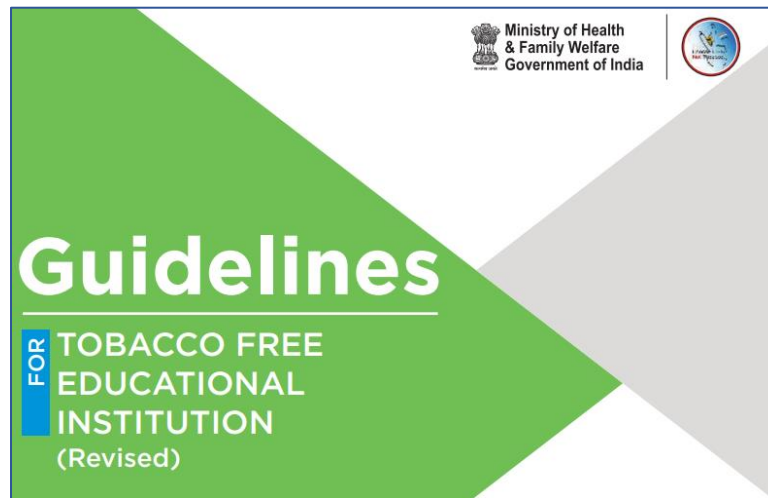
- ❖ The Tamil Nadu school education department has instructed all government, aided and private schools to open bank accounts for all its students.
- ❖ The Reserve Bank of India (RBI) cancelled the auction of 10 years green bonds for the first time.
- ❖ Pakistan launched a multi-mission communication satellite PAKSAT MM1 for faster internet connectivity with the help of its ally China.
- ❖ Mexico's presidential winner Claudia Sheinbaum elected as the first woman President in the country's 200-year history.
- ❖ Real Madrid seals their record-extending 15th UEFA Football Champions League title.
- ❖ Gautam Adani has reclaimed the title of Asia's richest person, surpassing the Reliance Industries chairman Mukesh Ambani, according to the Bloomberg Billionaires Index.
- ❖ Justice M S Sonak, who serves on the Goa Bench of the Bombay High Court became the first person in Goa to register a "living will".
 - It is an advance medical directive for his family for when he cannot make his own decisions.
- ❖ The Supreme Court has re-constituted the gender sensitisation and internal complaints committee under Justice Hima Kohli.
 - The committee comprises of a total of 12 members from various fields: including that of legal, Professors of Law Universities and others.
- ❖ International Day of Innocent and Children Victims of Aggression is observed on June 04 to raise awareness about the innocent children who went through terrorising experiences in their lives.

NATIONAL

Tobacco Free Educational Institutions

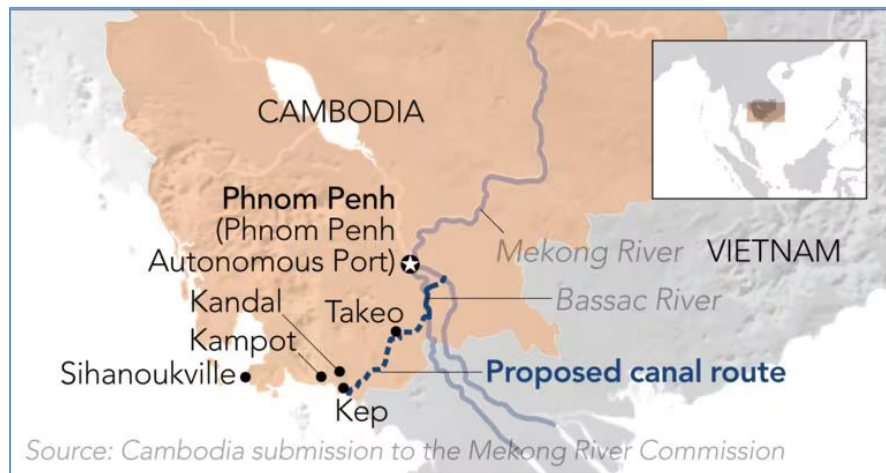
- ❖ The Ministry of Education launched an Implementation Manual of Tobacco Free Educational Institutions (ToFEI) at New Delhi.
- ❖ The manual aims to assist schools in adhering to ToFEI guidelines, creating a healthier environment, and empowering stakeholders to protect students from tobacco dangers.

- ❖ All educational institutions should take steps to discourage the use of tobacco and safeguard children from being addicted to the use of tobacco by making the educational institutions a tobacco-free zone.



INTERNATIONAL

Techo Funan Canal project

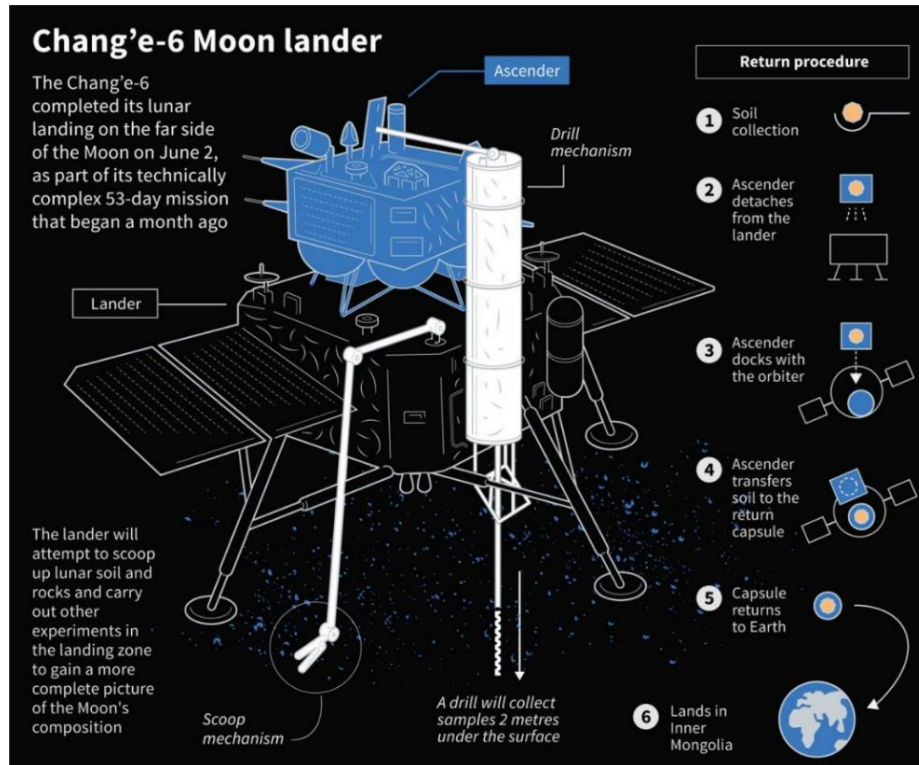


- ❖ Cambodia started an ambitious \$1.7 billion infrastructure project, known as the Funan Techo Canal.
- ❖ The China-funded 180-km canal aims to connect the Mekong River basin to the Cambodian coast.
- ❖ It is connecting Phnom Penh Autonomous Port in the country's capital to the coastal province of Kep.
- ❖ Vietnam expressed its concerns regarding the environmental impact of the project.

- ❖ This expansion could also facilitate China's military presence in the country.

SCIENCE AND TECHNOLOGY

Chang'e-6 lander 2024

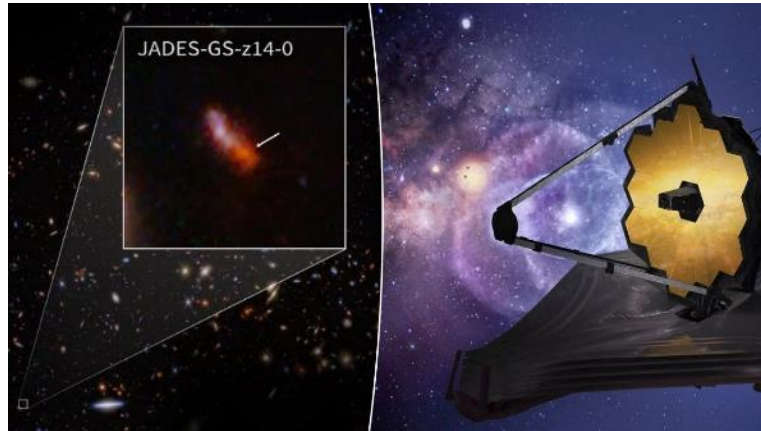


- ❖ China has landed an uncrewed spacecraft on the far side of the moon.
- ❖ The Chang'e-6 craft landed in a huge crater known as the South Pole-Aitken Basin.
- ❖ The lander will aim to collect 2 kg (4.4 pounds) of lunar material and bring it back to Earth.
- ❖ In 2020 China conducted its first lunar sample return mission with Chang'e-5, retrieving samples from the moon's near-facing side.

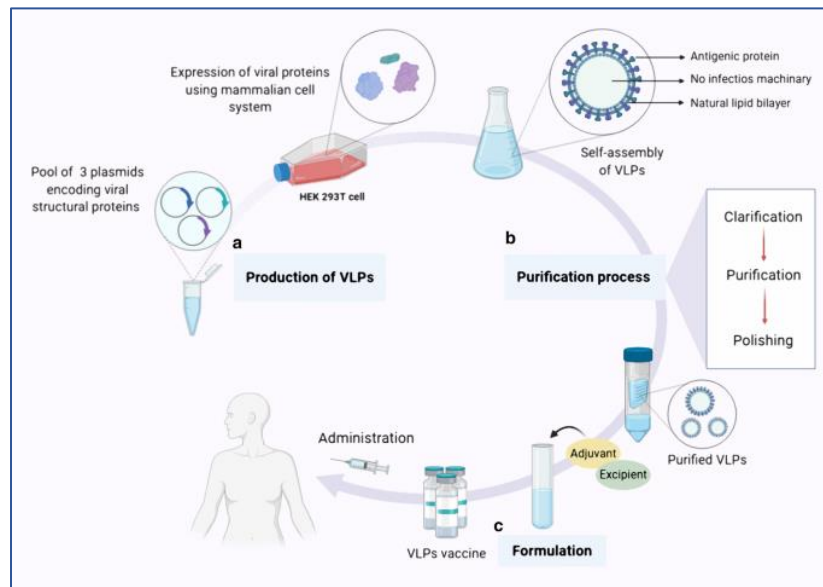
Earliest Giant Galaxy

- ❖ The James Webb Space Telescope have discovered the two earliest and most distant galaxies ever observed.
- ❖ They are dating back to just 300 million years after the Big Bang.
- ❖ The two newly discovered galaxies, named JADES-GS-z14-0 and JADES-GS-z14-1.

- ❖ JADES-GS-z14-0, the larger of the two, spans an estimated 1,600 light-years across.
- ❖ They are surpassing the previous record holders which dated to approximately 330 million years after the Big Bang.



Non-infectious Nipah virus-like particles

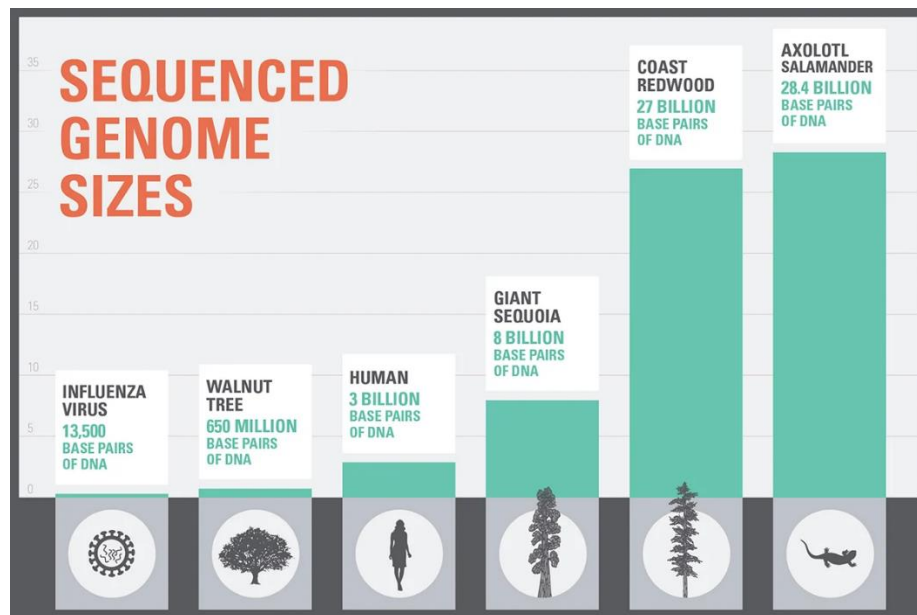


- ❖ The Scientists at the Institute of Advanced Virology (IAV), Thonnakkal, Thiruvananthapuram, have developed a novel way of generating non-infectious Nipah virus-like particles (VLPs) in the laboratory.
- ❖ They mimic the wild type Nipah virus (NiV).
- ❖ This new method offers an alternate, safe and effective platform for developing neutralising antibodies against NiV in a bio safety level-2 (BSL) laboratory.

- ❖ The zoonotic virus Nipah is a highly pathogenic paramyxovirus, with a fatality rate of up to 80% in affected humans.

World's largest genome

- ❖ The fork fern species, called *Tmesipteris oblancoolata*, has a genome that is 7% larger than that of the previous record-holder and more than 50 times the size of the human genome.
- ❖ The previous record-holder is Japanese flowering plant *Paris japonica*.
- ❖ The Larger genomes require more resources for DNA replication, repair and transcription.
- ❖ The genome has all the genetic information of an organism
- ❖ There also is no relationship between an organism's physical size and its genome size.
- ❖ The little fern's genome is about 6,000% bigger than that of a blue whale and about 4,650% bigger than that of an African elephant.



PERSONALITIES, AWARDS, AND EVENTS

Ruchira Kamboj

- ❖ India's first woman Permanent Representative to the United Nations, Ruchira Kamboj retired after 35 years of service.


- ❖ She became Permanent Representative/Ambassador of India to New York, on August 2, 2022.
- ❖ She was Counsellor at India's Permanent Mission to the UN in New York from 2002-05.
- ❖ She also had a stint as the Deputy Head of the Office of the Secretary-General at the Commonwealth Secretariat London.



Maratha queen Ahilya Bai Holkar

THE PHILOSOPHER QUEEN

AHILYABAI HOLKAR, ONE OF THE FINEST FEMALE RULERS IN INDIAN HISTORY, WAS BORN ON THIS DAY, IN **1725**




Ascended the throne and became ruler of Indore in 1767; reign lasted for 30 years

As a prominent ruler of the Malwa kingdom, spread the message of dharma and promoted industrialisation in the 18th century

Built hundreds of temples and Dharmashalas throughout India; rebuilt the demolished Kashi Vishwanath Temple

Was also a learned politician — her observation of the British and their agenda was something even the Maratha Peshwa had missed noticing



- ❖ May 31st marked the 300th birth anniversary of the Maratha queen Ahilya Bai Holkar.

- ❖ After the demise of her husband Khande Rao, she was trained in military affairs by Malhar Rao Holkar.
- ❖ She came to power after the passing of her father-in-law Malhar Rao Holkar.
- ❖ She established Maheshwar (in Madhya Pradesh) as the seat of the Holkar Dynasty.
- ❖ The current structure of Vishnupad Temple, Gaya, Bihar was built by Maharani Ahilya Bai Holkar in 1787.

SPORTS

Taiwan Athletics Open 2024



- ❖ Indian athlete Nayana James clinched the gold medal in the women's long jump event.
- ❖ Ankesh Chaudhary of India won the gold medal in men's 800m.
- ❖ In Men's pole vault, Dev Meena won the silver medal.
- ❖ DP Manu in men's Javelin throw clinched the gold medal with the best effort of 81.58 metres.
- ❖ In women's 100 metre hurdles, Nithya Ramraj bagged the silver medal.
- ❖ While, Vismaya V K won the bronze in the women's 400m race.

- ❖ The Indian contingent concluded with seven medals including three golds, three silvers and one bronze medal.

IMPORTANT DAYS

World Milk Day 2024 - June 01

- ❖ The United Nations Food and Agriculture Organization (FAO) started this day in 2001.
- ❖ It aims to recognize the importance of milk as a global food, and to celebrate the dairy sector.
- ❖ It also focusses on encouraging manufacturing methods that reduce water consumption and greenhouse gas emissions, as well as promoting animal welfare and safe working conditions.



World Bicycle Day 2024 - June 03

- ❖ Professor Leszek Sibilski, a Polish-American social scientist and cycling advocate came up with this idea of Bicycle Day celebration.
- ❖ The United National General Assembly declared this day in April 2018.



- ❖ It aims to spread awareness about the benefits of cycling and people are urged to use the cycle as a mode of transportation enabling a sustainable way of living.
- ❖ This year's theme is "Promoting Health, Equity, and Sustainability through Cycling."

