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17 October 2023 – Daily Current affairs

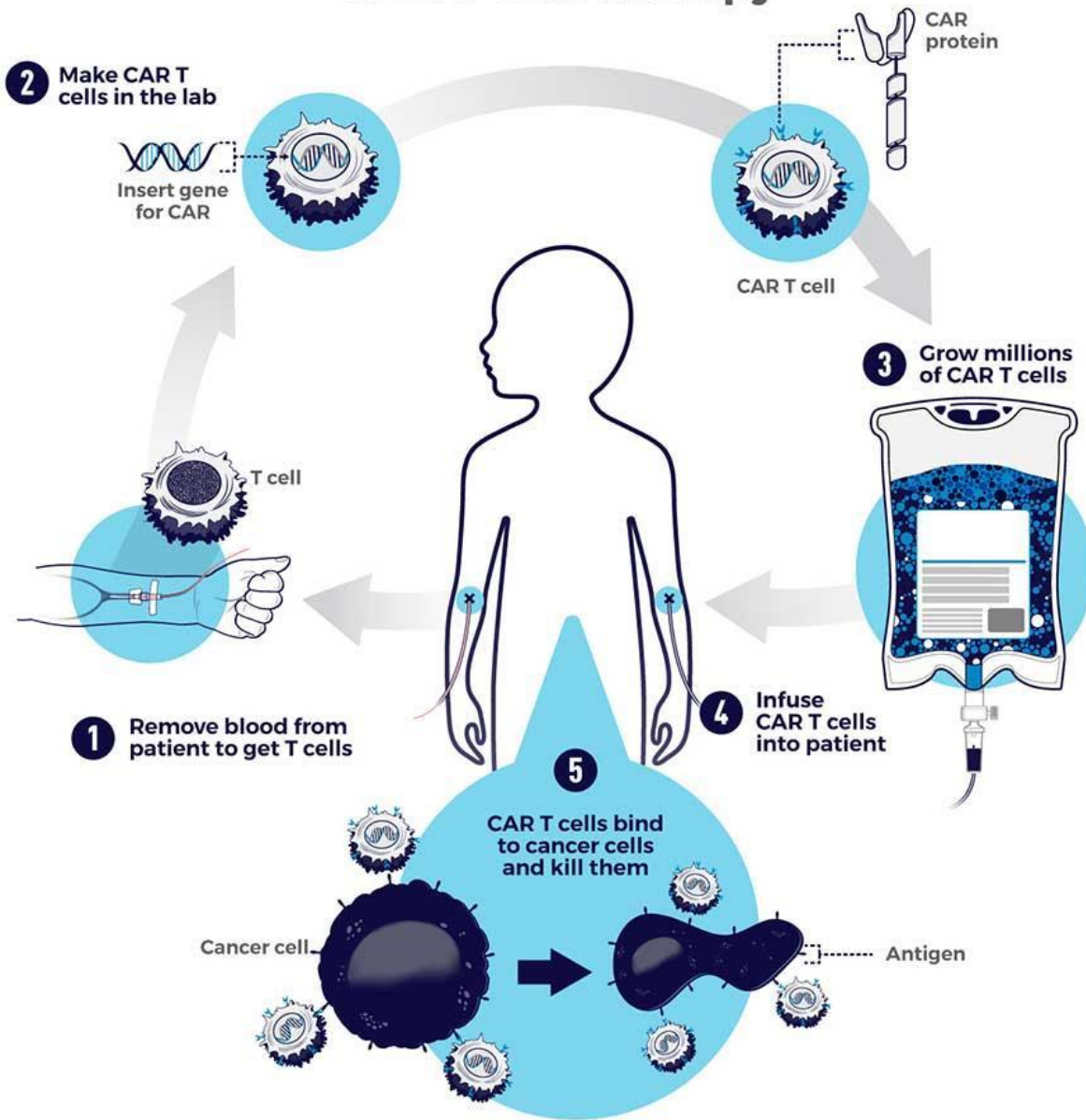
<p>'World Athlete of Year' award</p> 	<p>Context Neeraj Chopra was named as one of the 11 nominees for the 2023 men's 'World Athlete of the Year' award.</p> <p>Key points:</p> <ul style="list-style-type: none">• Olympic and World champion javelin thrower.• The winners of the 'World Athlete of the Year' award will be revealed on World Athletics' social media platforms on December 11.
<p>Cricket will be part of 2028 Olympics</p>	<p>Context</p> <ul style="list-style-type: none">• Cricket to feature in 2028 Olympics <p>Key points:</p> <ul style="list-style-type: none">• International Olympic Committee approved Cricket to be part of 2028 Olympics.• T20 format for men and women <p>Did you know?</p> <ul style="list-style-type: none">• Compound archery is not part of 2028 Olympics.• Los Angeles to host 2028 Olympics.• 2028 Summer Olympics is officially known as the Games of the XXXIV Olympiad.
<p>India's 1st CAR-T cell therapy gets CDSCO nod</p>	<p>In news:</p> <ul style="list-style-type: none">• India's 1st CAR-T cell therapy developed by ImmunoACT gets CDSCO nod. <p>Did you know?</p> <ul style="list-style-type: none">• Mumbai-based Immunoadoptive Cell Therapy Private Limited (ImmunoACT) has received approval from the Central Drugs Standard Control Organization (CDSCO) for India's first Chimeric Antigen Receptor T-cell (CAR-T cell) therapy.• The therapy, called NexCAR19, is a CD19-targeted CAR-T cell therapy product used to treat relapsed/refractory B-cell lymphomas and leukemia.



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CAR T-Cell Therapy



CAR T-cell therapy is a type of treatment in which a patient's T cells are genetically engineered in the laboratory so they will bind to specific proteins (antigens) on cancer cells and kill them. (1) A patient's T cells are removed from their blood. Then, (2) the gene for a special receptor called a chimeric antigen receptor (CAR) is inserted into the T cells in the laboratory. The gene encodes the engineered CAR protein that is expressed on the surface of the patient's T cells, creating a CAR T cell. (3) Millions of CAR T cells are grown in the laboratory. (4) They are then given to the patient by intravenous infusion. (5) The CAR T cells bind to antigens on the cancer cells and kill them.

cancer.gov

Chimeric Antigen Receptor T-

About



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cell (CAR-T cell) therapy	<ul style="list-style-type: none"> • CAR-T cell therapy stands for chimeric antigen receptor T cell therapy. • It is a type of cancer immunotherapy that uses the patient's own T cells, genetically modified in a laboratory to enhance their ability to locate and destroy cancer cells. <p>Did you know?</p> <ul style="list-style-type: none"> • CAR-T cell therapy is effective against certain types of cancer, especially when other treatments are ineffective.
Biden awards \$7 bn for Clean Energy Projects	<p>In news:</p> <ul style="list-style-type: none"> • Biden administration awards \$7 billion program to kickstart Clean Energy Projects. <p>Key points:</p> <ul style="list-style-type: none"> • Invest in development and production of hydrogen fuel. • Aims to establish seven regional hydrogen hubs to help replace fossil fuels. • Aims to to achieve the President's vision of a strong clean energy economy" and net-zero greenhouse gas emissions in the U.S. by 2050.
Operation Ajay	<p>About:</p> <ul style="list-style-type: none"> • Operation Ajay is a mission launched by the Indian government. • It aims to evacuate its citizens from Israel during the ongoing conflict with the Hamas group in Gaza.
Ninth G-20 Parliamentary Speakers' Summit (P-20)	<p>Context</p> <ul style="list-style-type: none"> • Ninth G-20 Parliamentary Speakers' Summit was held in New Delhi. <p>Key points</p> <ul style="list-style-type: none"> • The event was held at the Yashobhoomi convention centre in New Delhi's Dwarka area. • The unanimous adoption of the Joint Declaration at P-20 Bharat exemplified the spirit of Vasudhaiva Kutumbkam.
Three main ethnic groups of Sikkim: Lepchas, Bhutia and Nepalese	<p>Context</p> <ul style="list-style-type: none"> • Lepchas, Bhutia and Nepalese are the 3 main ethnic groups of Sikkim. <p>Other key points</p> <ul style="list-style-type: none"> • Rangpo and Singtam were affected areas of recent flash floods in Sikkim.



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- The South Lhonak glacial lake burst caused the flash floods.

Centre unveils tradeable Green Credit

IN FOCUS

Areas which will be part of the credit system

- Tree plantation
- Water
- Sustainable agriculture
- Waste management
- Air pollution reduction
- Mangrove conservation and restoration
- Ecomark
- Sustainable building and infrastructure

Context

- Govt introduced a special programme which **allows an individual or entity to earn Green Credit and trade it on a dedicated exchange.**

Key points:

- Green Credit refers to a **unit of an incentive provided for specified activities** that deliver a positive impact on the environment.
- Green credit initiative incentivises environmental actions of various stakeholders.
- This programme is a follow-up action of the 'LiFE' - (Lifestyle for Environment) campaign.

Did you know?

- Green Credit programme will cover eight types of activities — tree plantation, water management, sustainable agriculture, waste management, air pollution reduction, and mangrove conservation and restoration.
- Green Credit programme is independent of the carbon credit provided under the Carbon Credit Trading Scheme, 2023 under the Energy Conservation Act, 2001.

High-speed craft Cheriya Pani

Context

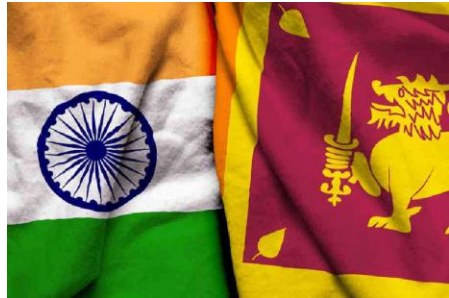
- Indian PM launched the passenger ferry service between Nagapattinam and Kankesanthurai.
- Ferry to Sri Lanka plies after 40 years.



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Key points:

- Cheriya pani → high-speed passenger ferry service between India and Sri Lanka
- Nagapattinam → located on the eastern coast of Tamil Nadu
- Kankesanthurai → located in the northern province of Sri Lanka



Chunghang dam of Sikkim



In news:

- **Chunghang dam of Sikkim was in news as the dam fell due to floods.**

Key points:

- Chunghang dam is on the Teesta river.
- It had hydroelectric projects which benefitted northern and eastern States of India and also Bhutan.

2024 Olympics: Paris
 2028 Olympics: Los Angeles
 2032 Olympics: Brisbane
 2036 Olympics: India?

Context

- PM Modi confirms India's bid to host the 2036 Olympics.
- India will become the only fourth Asian country to



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	<p>host the Games.</p> <p>Did you know?</p> <ul style="list-style-type: none">• 2036 is the earliest available slot to host the Summer Olympic Games as the next edition will be held in Paris in 2024 followed by Los Angeles in 2028 and Brisbane in 2032.
<p>Scheme for Street vendors: Prime Minister Street Vendor's AtmaNirbhar Nidhi (PM SVANidhi)</p>	<p>Key points:</p> <ul style="list-style-type: none">• The UPA government passed the Street Vendors (Protection of Livelihood and Regulation of Street Vending) Act, 2014.• The current NDA regime launched the PM SVANidhi scheme in June 2020. <p>About PM SVANidhi</p> <ul style="list-style-type: none">• Govt initiative launched as a part of the Atmanirbhar Bharat Abhiyan• Beneficiary: Street Vendors• Objective - to provide affordable working capital loans to street vendors affected by the Covid-19 pandemic.• Aims to provide financial support to street vendors to resume their livelihoods and help them become self-reliant.• The scheme provides collateral-free working capital loans up to Rs. 10,000 for a 1-year tenure. Street vendors can get an interest subsidy at 7% per annum.• Incentives are given to those who make timely repayment of loans. <p>Did you know?</p> <ul style="list-style-type: none">• Govt. aims to provide benefits under the PM SVANidhi Scheme to a total of 42 lakh street vendors by December 2024.• The scheme is expected to provide a significant boost to the street vending sector in India and help street vendors overcome the economic challenges posed by the Covid-19 pandemic.



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