



DAILY PT POINTERS

30th January, 2024



HEADLINES OF THE DAY

PIB: Defence

INDIA- SAUDI ARABIA JOINT MILITARY EXERCISE 'SADA TANSEEQ' COMMENCES IN RAJASTHAN



News

- The inaugural edition of India-Saudi Arabia Joint Military Exercise 'SADA TANSEEQ' commenced at Mahajan, Rajasthan.

About

- The Exercise will involve Establishment of Mobile Vehicle Check Post, Cordon & Search Operation, House Intervention Drill, Reflex Shooting, Slithering and Sniper Firing.
- It will act as a platform to achieve shared security objectives, enhance the level of defence cooperation and foster bilateral relations between the two friendly nations.

HEADLINES OF THE DAY

PIB: Geography

Successful diversion of Chenab River achieved at Ratle Hydro Electric Project in J&K; River diversion to expedite construction of dam



News

- Successful diversion of Chenab River has been achieved at Ratle Hydro Electric Project in J&K.

Ratle Project

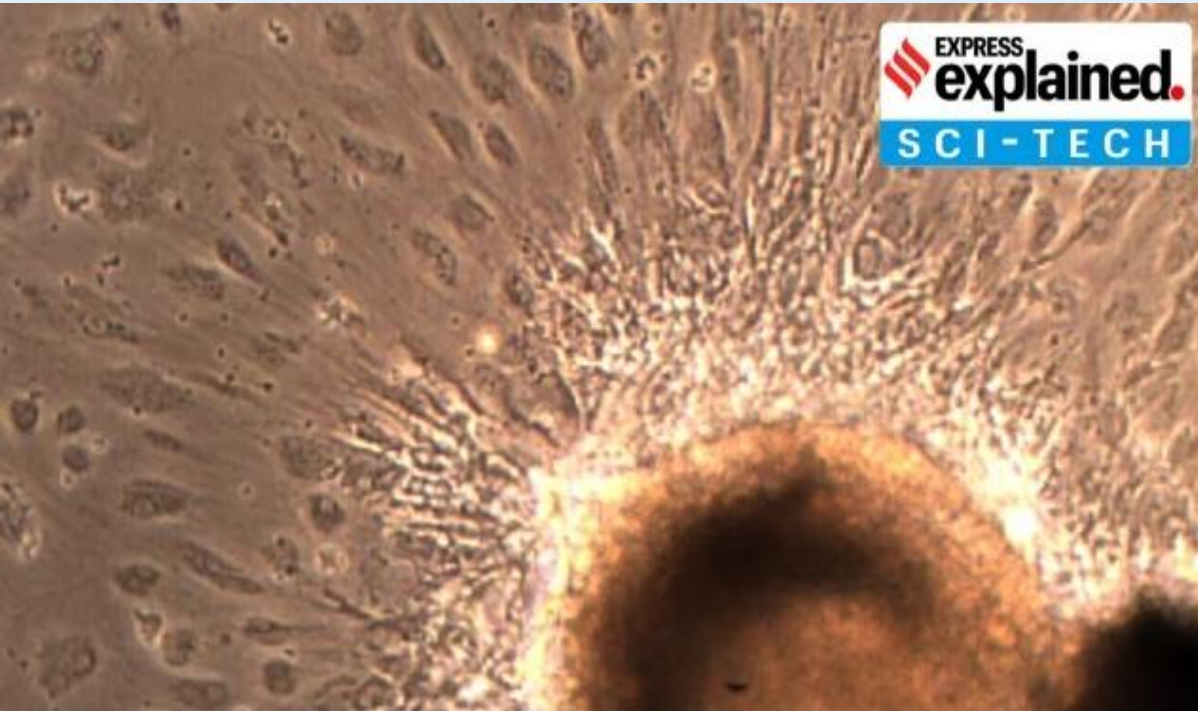
- Ratle HE project is situated on River Chenab in Kishtwar District of J&K with installed capacity of 850 MW.

Chenab River

- It is formed by the union of two headwaters, Chandra and Bhaga, which rise in the upper Himalayas in the Lahaul region of Himachal Pradesh, India.
- It receives the Jhelum River near Trimmu and empties into the Sutlej River, a tributary of the Indus River.

HEADLINES OF THE DAY

IE: GS3-Science and Tech



News

- Kochi-headquartered ICAR-Central Marine Fisheries Research Institute (CMFRI) has entered into a collaborative research agreement with a private-sector start-up offering cultivated meat technology solutions to grow fish meat in the laboratory.

What is lab-grown fish?

- It is merely a type of lab-grown — or cultivated/ cultured — meat. Seafood without the sea is ‘grown’ in the same way as other cultivated meats are grown — without the need to raise and kill an animal.
- Cultivated fish meat is produced by isolating specific cells from fish and growing them in a laboratory setting using media that is free of animal components.
- The final product is expected to replicate the flavour, texture, and nutritional qualities of ‘real’ fish meat.

HEADLINES OF THE DAY

The Hindu: GS 3 Environment

What is Humboldt's enigma and what does it mean for India?

While we expect diversity to decrease away from the tropics, mountains are an exception. This is the essence of Humboldt's enigma. But scientific evidence has been hard to acquire, requiring the use of complex analytical methods and large datasets, but is still incomplete



What is Humboldt's enigma?

- The world's tropical areas receive more energy from the Sun because of the earth's angle of inclination.
- So the tropics have greater primary productivity, which then facilitates greater diversity: more ecological niches become available, creating more complex ecosystems and greater biological diversity.
- The proponents of Humboldt's enigma have held that the earth's tropical areas by themselves don't contain all the biodiverse regions, that many areas outside the tropics are highly biodiverse. **These places are mountains.**

Indian Scenario

- In the case of India, the biodiversity in our tropical areas, south of the Tropic of Cancer passing through Madhya Pradesh and Chhattisgarh are supposed to be the most diverse in the country.
- The Western Ghats plus Sri Lanka biodiversity hotspot lies in this zone.
- However, the eastern Himalaya are much more diverse.

HEADLINES OF THE DAY



The Hindu: GS2 Health / GS3 Science and Tech



HOME / NEWS / WORLD

U.K. to ban vapes, control e-cigarettes aimed at children

It is currently illegal to sell vapes or tobacco to children under 18 in the U.K., but officials say that youth vaping has tripled in the past three years, and that cheap, colourful disposable vapes are a “key driver.”

January 30, 2024 06:57 am | Updated 07:17 am IST - LONDON

News

- The British government said that it will ban the sale of disposable vapes and limit its cornucopia of flavors in an effort to prevent children from becoming addicted to nicotine.

e-cigarettes

- E-cigarettes, also known as **Electronic Nicotine Delivery Systems (ENDS)**, and sometimes **Electronic Non-nicotine Delivery Systems (ENNDS)**.
- They produce an aerosol by heating a **liquid (e-liquids)** that usually contains nicotine—the addictive drug.
- These are known by many different names. They are sometimes called ***‘e-cigs’, ‘e-hookahs’, ‘mods’, ‘vape pens’, ‘vapes’, ‘tank systems’, and ‘electronic nicotine delivery systems (ENDS)’***.

Are e-cigarettes less harmful than regular cigarettes?

- Both tobacco products and ENDS pose risks to health.
- E-cigarette aerosol generally contains fewer toxic chemicals than the deadly mix of more than 7,000 chemicals in smoke from regular cigarettes.

The Hindu: Defence

TH India World Opinion Sports e-Paper

GIFTAS

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Indian Navy ship INS Sumitra foils hijack attempt on fishing vessel

INS Sumitra intercepted the vessel and coerced the pirates for safe release of 17 crew members along with the boat

January 29, 2024 05:11 pm | Updated 06:51 pm IST - New Delhi

News

- The Indian warship INS Sumitra rescued a hijacked Iranian vessel, MV Iman, in the Arabian Sea.

About

- INS Sumitra is the fourth and last Saryu-class patrol vessel of the Indian Navy, designed and constructed by Goa Shipyard Limited.
- INS Sumitra, deployed on anti-piracy operations along the east coast of Somalia and the Gulf of Aden

Gulf of Aden

- **Gulf of Aden** is a deepwater basin that forms a natural sea link between the Red Sea and the Arabian Sea.