## NATIONAL

### 1. New Delhi World Book Fair 2023

**Why in news -** Minister of State for Education Rajkumar Ranjan Singh inaugurated New Delhi World Book Fair 2023.

**Key Points –**

- Theme - Azadi Ka Amrit Mahotsav.
- The PM-YUVA Mentorship Scheme was launched to train India's young authors, with the theme of unsung heroes during the Indian national movement.
- YUVA -Young Upcoming Versatile Author.

### 2. India's 1st Marina

**Why in news -** India's first Marina would be constructed at Byndoor in the Udupi district, KA.

**Key Points –**

- Aim - to promote coastal tourism.
- Marina - A small area of water (a harbour) designed for pleasure boats.
- Ancient temples in KA - Madhukeshwara (in Banavasi) and Dattatreya (in Ganagapura).

### 3. "Neutral citation system"

**Why in news –** CJI D Y Chandrachud announced that the Supreme Court would adopt a "neutral citation system" for its judgments.

**Key Points –**

- Neutral citation - The court would assign its own citation, distinct from those given by traditional Law Reporters. Citation is essentially an identification tag for a judgment.
- The Delhi, Kerala and Madras HCs have already introduced neutral citation.
- All judgments would now have neutral citations i.e., from January 1, 2023 to 1950.

## INTERNATIONAL

### 1. Northern Ireland dispute

**Why in news -** United Kingdom has reached a deal with the European Union to resolve trade dispute over Northern Ireland.

**Key Points –**

- Trade between Northern Ireland and the Republic of Ireland was easy before Brexit (both parts EU having same trade rules).
- When Northern Ireland (UK) left the EU, a deal was required to prevent checks being introduced.

**Northern Ireland Protocol –**

- New checks were introduced.
- But rather than taking place at the Irish border, inspection and document checks are carried out at Northern Ireland's ports.

**Windsor Framework –**

- The new deal is aimed at significantly reducing the number of checks.
- Two lanes would be created for goods arriving in Northern Ireland from Great Britain–
  - A. Green lane (checks scrapped) - For goods which will remain in Northern Ireland.
  - B. Red lane (subject to checks) - For goods which may be sent on to the EU.

### 2. FATF suspended Russia

**Why in news –** Financial Action Task Force (FATF) has suspended Russia's membership.

**Key Points –**

- Reason - Moscow's war in Ukraine violated the organisation's principles.
- FATF headquarter - Paris, France.
- Eurasian Group on Money Laundering (EAG) (2004) –
  - It is a FATF-style regional body comprising 9 countries.
  - EAG is an associate member of the FATF.

## RANKS & INDICES

### 1. International IP Index report

**Why in news –** The US Chamber of Commerce released its latest International IP Index report.

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**Key Points –**

- India rank - 42nd (out of 55 countries).
- Top – USA.

## ENVIRONMENT

### 1. Green hydrogen plants

**Why in news –** Indian Oil Corporation (IOC) plans to set up green hydrogen plants at all its refineries by 2047.

**Key Points –**

- It is part of a Rs 2-lakh crore green transition plan to achieve net-zero emissions.
- India's oil consumption is set to rise from 5.1 million barrels per day (bpd) to 7–7.2 million bpd by 2030 and 9 million bpd by 2040.
- Hydrogen is considered the cleanest fuel that emits just oxygen and water when burnt.
- Crude oil refineries use hydrogen to reduce the sulphur content in diesel fuel.

## SUMMITS & CONFERENCES

### 1. Commonwealth Parliamentary Association (CPA)

**Why in news –** LS Speaker Om Birla inaugurated the 19th annual zone III Conference of CPA India Region in Gangtok, Sikkim.

**Key Points –**

- After the Africa Region, India has the largest number of member branches of the CPA.
- Administratively, the CPA India Region is divided into 4 zones.
- An Indian Parliamentary delegation led by LS Speaker Om Birla attended the 65th CPA at Halifax, Canada in August 2022.

## IMPORTANT DAYS

### 1. National Science Day 2023

**Why in news –** It is celebrated on Feb 28 to commemorate the discovery of the "Raman Effect" by Indian physicist CV Raman.

**Key Points –**

- Theme 2023 - "Global Science for Global Wellbeing".
- In 1986, the Government of India designated February 28 as National Science Day.
- Physicist Sir CV Raman won Nobel Prize in 1930 for Raman Effect.

**Raman Effect –**

- o When a stream of light passes through a liquid, a fraction of the light scattered by the liquid is of a different colour.
- o This happens due to the change in the wavelength of light that occurs when a light beam is deflected by molecules.

### 2. 56th death anniversary of VD Savarkar

**Why in news –** 56th death anniversary of Vinayak Damodar Savarkar was observed on Feb 26, 2023.

**Key Points –**

**About Veer Savarkar –**

He was arrested for –

- o Nasik Conspiracy Case (1909) - abetment to murder of Nashik Collector Jackson, and
- o waging a conspiracy against the King emperor under Indian Penal Code 121-A.
- Following the two trials, Savarkar was sentenced to 50 years imprisonment and transported in 1911 to the Cellular Jail in A&N islands.

**Founded –**

- o Abhinav Bharat Society (secret society).
- o Free India Society (inspired from Giuseppe Mazzini).

**His books –**

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- The History of the War of Indian Independence
- Hindutva: who is Hindu?

## SCIENCE – TECH

### 1. LLaMA model

**Why in news –** Meta has released its Large Language Model Meta AI (LLaMA).

**Key Points –**

- LLaMA (not a chatbot) - Foundational language model developed to assist researchers in their work in the subfield of AI.
- It is Meta's third LLM after Glactica and Blender Bot 3.
- Other language models –

| Company | Language tool |
|---|---|
| OpenAI | GPT-3 (175B) |
| DeepMind | Chinchilla70B |
| Google | PaLM-540B |

- Chatbots –

| Company | Chatbots |
|---|---|
| OpenAI | ChatGPT |
| Google | BARD |
| Velocity | Lexi (India's first) |
| Anthropic | Claude |

## SPORTS

### 1. ICC Women's T20 World Cup 2023

**Why in news -** Australian women won an unprecedented sixth T20 World Cup trophy.

**Key Points –**

- They defeated South Africa by 19-run in the summit clash.
- Venue - Cape Town, South Africa.

## BIHAR

### 1. Bihar 17th Economic Survey report 2022-23

**Why in news -** The 17th report was tabled in the legislative assembly by finance minister Vijay Kumar Choudhary on Feb 27, 2023.

**Key Points –**

- GSDP rate in 2021-22 (at constant prices) - 10.98%.
- This was the 17th report, a practice started by the Nitish Kumar government in 2006-07.
- The capital expenditure increased by 29.4% over the previous year to reach ₹33,903 crore.
- Highest growth rate – Rajasthan (1st), Andhra Pradesh (2nd) and Bihar (3rd).

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## CURRENT AFFAIRS ONE LINERS

## POINTERS

- Where was the first PM Gati Shakti Workshop for the Western and Central zone held – Goa.
- The world's highest weather station has been reconstructed on which hill - Mount Everest.
- Which ministry has launched "mPassport Police App" for speedy police verification of passports - Ministry of External Affairs.
- Projects worth how many crores have been approved for pollution control and development of ghats in Ganga basin - Over Rs 1,278 crore.
- Which state government has approved the new excise policy to reduce the consumption of liquor - Madhya Pradesh.
- Indian Railways has completed electrification of all broad-gauge routes in which state - Uttar Pradesh.
- Who has been selected by the BCCI as the title sponsor of the Women's Premier League - Tata Group.
- The Union Cabinet has approved the Air Services Agreement with which country – Guyana.
- Who has won the bronze medal in the women's 10m air rifle at the ISSF World Cup - Tilottama Sen.
- Where will the country's second bone and spine hospital with more than 400 beds be built - Patna, Bihar.

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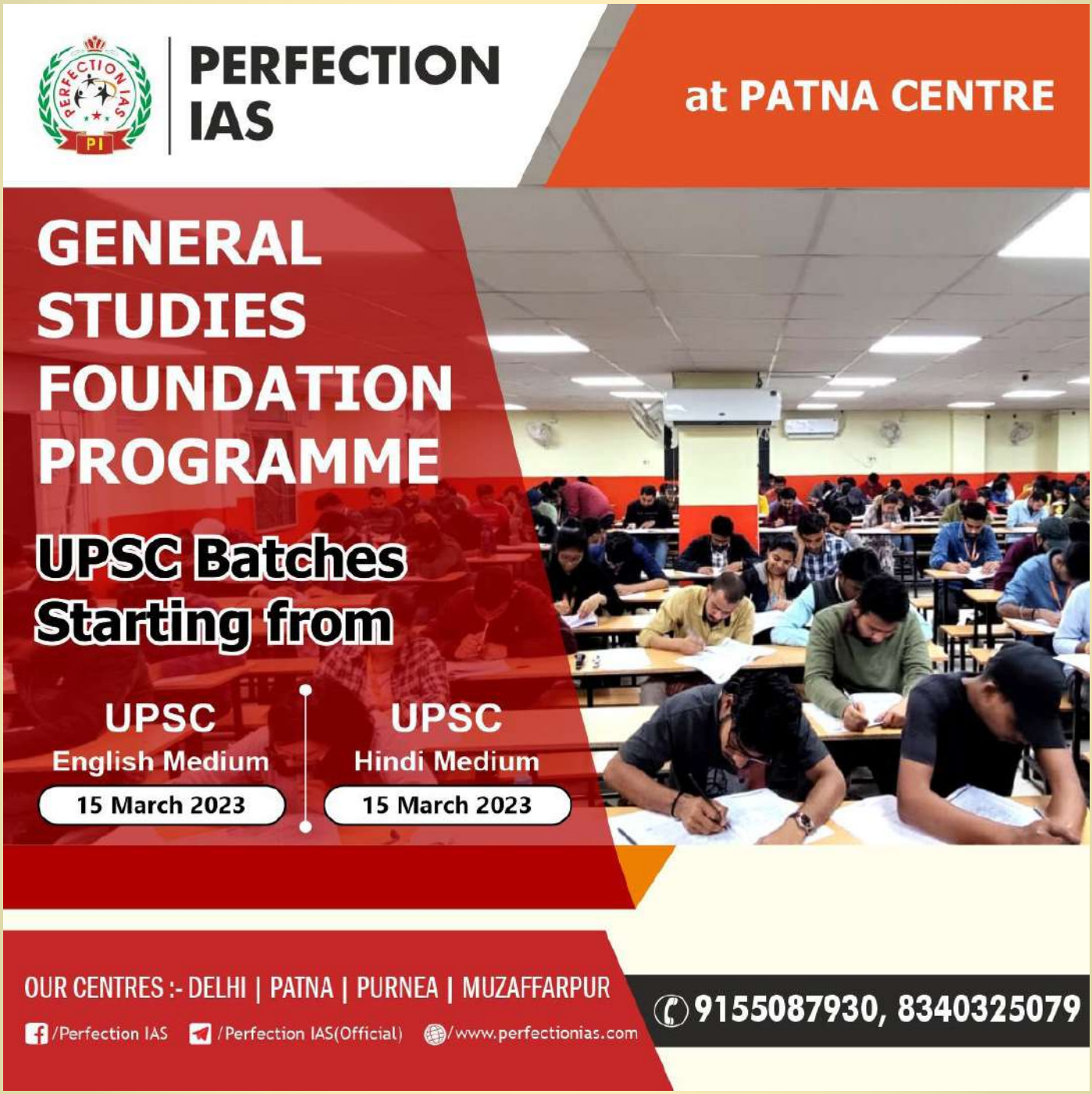
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