



Daily CA

15th August 2024

Parcham Classes

QUESTION OF THE DAY



Which state has become the first in India to provide money to girl students for buying sanitary napkins?

कौन सा राज्य भारत में छात्राओं को सैनिटरी नैपकिन खरीदने के लिए पैसे उपलब्ध कराने वाला पहला राज्य बन गया है?

- A) Karnataka
- B) Rajasthan
- C) Delhi
- D) Madhya Pradesh

Answer: D

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15 August – Independence Day in India



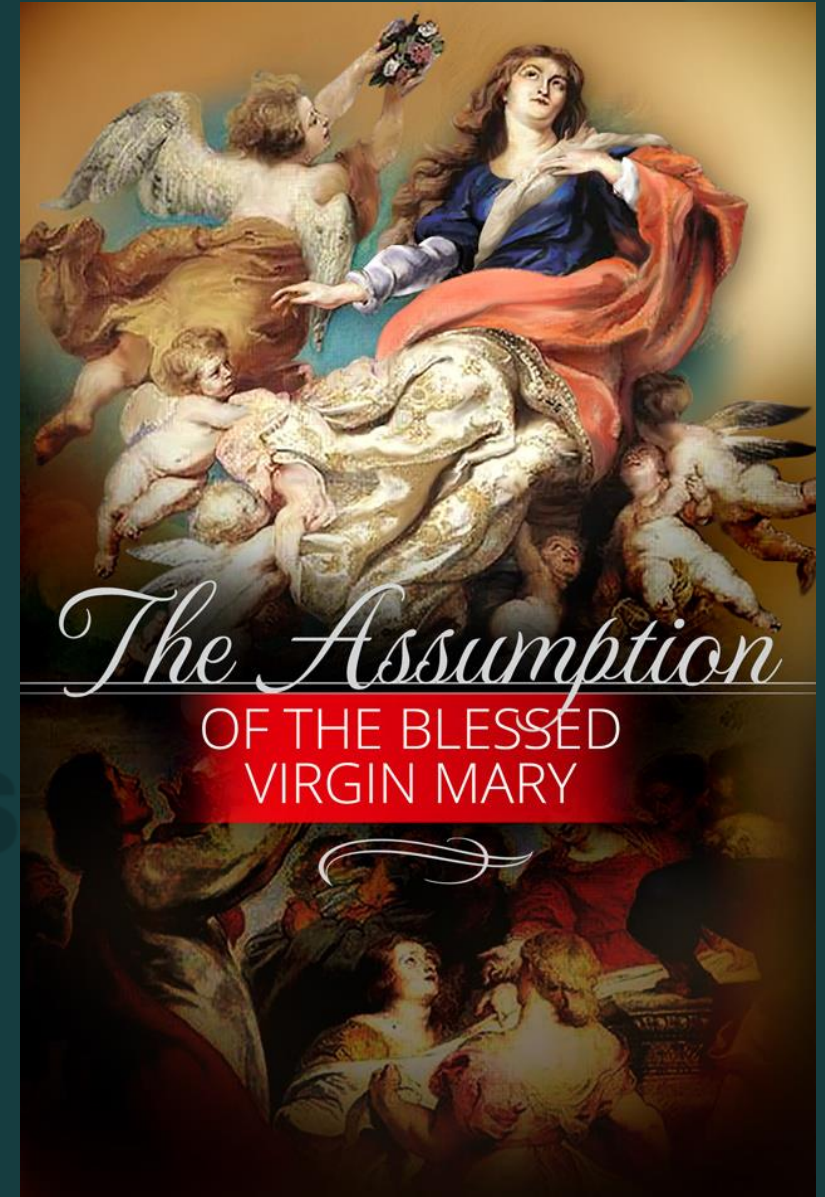
- India's Independence Day, observed annually on August 15th, marks the day in 1947 when the country gained freedom from British rule.



15 August - Day of the Assumption of the Virgin Mary



- Catholics and many other Christians celebrate the feast of the Assumption of the Blessed Virgin Mary.
- This significant feast day recalls the spiritual and physical departure of the mother of Jesus Christ from the earth, when both her soul and her body were taken into the presence of God.







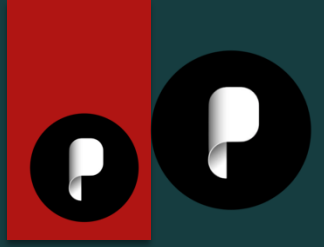
Kirti Chakra:

- It is an Indian military decoration awarded for valour, courageous action or self-sacrifice away from the field of battle.
- It **may be awarded to civilians as well as military personnel**, including posthumous awards. It is the **peacetime equivalent of the Maha Vir Chakra**.

Shaurya Chakra:

- It is an Indian military decoration awarded for valour, courageous action or self-sacrifice while not directly engaging with the enemy.
- It may be awarded **to civilians and military personnel**, sometimes posthumously.

Gallantry Awards



- ▶ First Three gallantry awards : Param Vir Chakra,
Maha Vir Chakra and
Vir Chakra
- ▶ Instituted by : Government of India
- ▶ Instituted on : 26th January, 1950, deemed in effect from 15th
Aug, 1947.
- ▶ In 1952, other three gallantry awards : Ashoka Chakra Class-I, Ashoka Chakra
Class-II and Ashoka Chakra Class-III — were instituted.
- ▶ Deemed in effect from 15th August, 1947.
- ▶ In January 1967, these awards were renamed as Ashoka Chakra, Kirti Chakra
and Shaurya Chakra respectively.

Order of precedence

The Param Vir Chakra

The Ashoka Chakra

The Mahavir Chakra

The Kirti Chakra

The Vir Chakra

The Shaurya Chakra



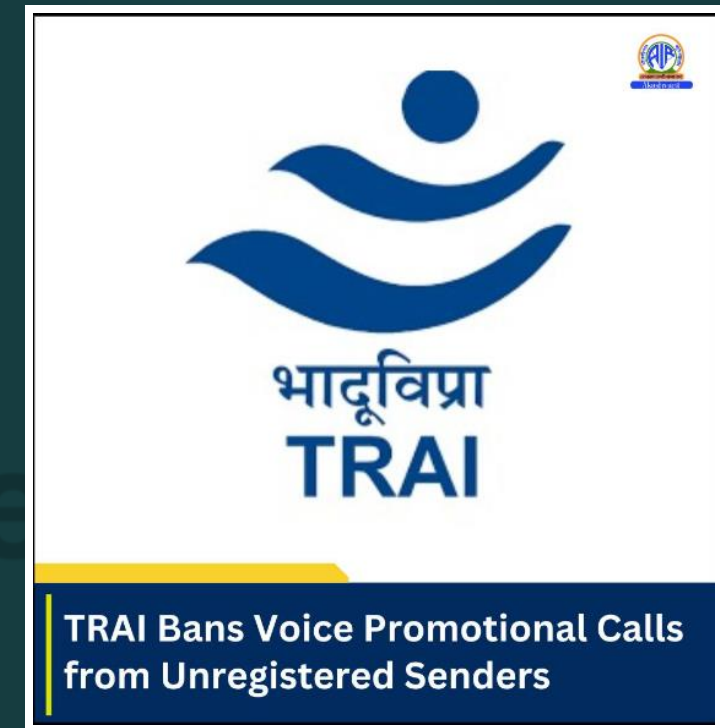
The awards are **announced twice in a year** :

- Republic Day
- Independence Day.

TRAI mandates all Service Providers to immediately stop promotional calls from unregistered telemarketers to curb increasing spam calls



- In a major step to curb the increasing number of spam calls, regulator Telecom Regulatory Authority of India (TRAI) has mandated all service providers to stop voice promotional calls, be pre-recorded or computer generated or otherwise, from all unregistered senders or telemarketers.
- all promotional voice calls from the unregistered senders/unregistered telemarketers using telecom resources (SIP/PRI/other telecom resources) shall be stopped immediately.





- If any unregistered sender/unregistered telemarketer is **found to be misusing** its telecom resources, **all the telecom resources of such sender shall be disconnected** by the the access provider for a period up to **two years**.
- such a sender shall be blacklisted for a period of up to two years.
- No new telecom resources shall be allocated to such Sender by any access provider during the period of blacklisting.

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DRDO successfully carries out maiden test flight of Long Range Glide Bomb GAURAV from Sukhoi-30 MK-I



- The Defence Research and Development Organisation (DRDO) on successfully carried out the maiden flight test of the long-range glide bomb (LRGB) Gaurav from a Su-30 MK-I fighter jet of the Indian Air Force.
- The test was conducted off the coast of Odisha.
- Gaurav is an air-launched 1,000 kg class glide bomb capable of hitting targets at long distances.





- The LRGB has been designed and developed indigenously by the Research Centre Imarat, Hyderabad.
- Complete flight data during the test launch was captured by Telemetry and Electro optical tracking systems deployed by Integrated Test Range along the coastline.”
- The flight was monitored by senior DRDO scientists.
- Adani Defence and Bharat Forge, who are the Development cum Production Partners also participated during the flight trial.

Ministry of Coal Launches Global Mining Initiative to Boost Coal Production



- The Ministry of Coal has unveiled an ambitious plan to boost coal production through global mining operators.
- The primary goal of engaging Mining Developers cum Operators (MDOs) is to significantly increase coal production by streamlining operations, enhancing productivity, and reducing mining costs.
- **MDOs handle coal mining, from excavation to delivery** to Coal India Limited (CIL). They also manage land, environment, and resettlement issues.



Ministry of Coal Launches Global Mining Initiative to Boost Coal Production

Para shuttler Pramod Bhagat suspended for breaching anti-doping regulations



- Para shuttler Pramod Bhagat has been suspended by the Badminton World Federation for a period of 18 months for breaching the anti-doping regulations.
- Now, Pramod will miss the Paris 2024 Paralympic Games.



Vulture with 'Dhaka collar' found in Jharkhand



- A sick vulture of an endangered species, with 'Dhaka' inscribed on a metallic ring on one of its legs, was found in a dam in Jharkhand's Hazaribagh district.
- The **white-backed vulture** is a **Schedule 1 endangered species** .
- An inscription 'gpobox-2624, Dhaka, b67', and a tracking device were also found on the vulture, along with a note: "If found, please contact john.malot@rspb.org.uk."



Hindu man from Bangladesh becomes first person to get citizenship under CAA



- A Hindu man from Bangladesh, living in Assam since June 5, 1988, has become the first person in the northeast to get citizenship under the Citizenship (Amendment) Act of 2019.

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About Citizenship Amendment Act 2019



- The citizenship laws in India derived their origins from the constitution under **Articles 5-11** and the **Citizenship Act of 1955**. This Act provided provisions for **citizenship by birth, descent, registration and naturalisation**.
- It amended the **Citizenship Act of 1955** to make illegal migrants who are **Hindus, Sikhs, Buddhists, Jains, Parsis and Christians from Afghanistan, Bangladesh and Pakistan**, eligible for Indian citizenship.
- Those from these communities who entered India on or before **December 31, 2014**, would not be treated as illegal immigrants, providing a path to **naturalisation**.
- However, it exempts the **Muslim** community.

Relaxation:

- The amendment relaxed the residency requirement **from 11 years to 6 years** for these communities to acquire Indian citizenship by naturalization.
- It exempts members of these communities from prosecution under the **Foreigners Act of 1946 and the Passport Act of 1920**.
- Applicants are exempt from being considered "illegal immigrants".

Exception:

- The amendments for illegal migrants will not apply to certain tribal (under Sixth Schedule) areas in **Assam, Meghalaya, Mizoram, and Tripura**, as well as states regulated by the "**Inner Line**" permit (Ar, Mi, Na, Ma, La) under the Bengal Eastern Frontier Regulations 1873.



NITC student wins awards for best thesis for her work on Nagpur city



- **Sakshi Katekhaye**, an M. Plan graduate (2022-24) from the Department of Architecture and Planning, **National Institute of Technology, Calicut (NIT-C)** has won the NIUA-NMCG (National Institute for Urban Affairs- National Mission for Clean Ganga) Best Thesis Award in the postgraduate category for the year 2024.
- The year's theme focused on '**Re-imagining Urban Rivers**'.
- Her work titled 'Enhancing Resilience and Imageability of Urban Areas through their Lake and River Assets – A Case of Nagpur'.



ISRO Chairman S. Somnath gets honorary doctorate



- Governor Thaawarchand Gehlot bestowed the honorary doctorate awarded by Visvesvaraya Technological University (VTU), Belgagavi and the University of Agricultural Sciences, Dharwad on ISRO Chairman S. Somnath.



NPCI Spins Off BHIM into a Separate Arm; Lalitha Nataraj Appointed CEO



- The National Payments Corporation of India (NPCI) incorporated Bharat Interface for Money (BHIM) as a wholly-owned subsidiary,
 - into a new entity known as **NPCI-BHIM Services Ltd (NBSL)**.
 - Former banker Lalitha Nataraj will head the new subsidiary as its chief executive officer (CEO).
- Parcham Classes**
- Rahul Handa will be NBSL's chief business officer (CBO).

The ICC Players of the Month for July 2024 - England's Gus Atkinson and Sri Lanka's Chamari Athapaththu.

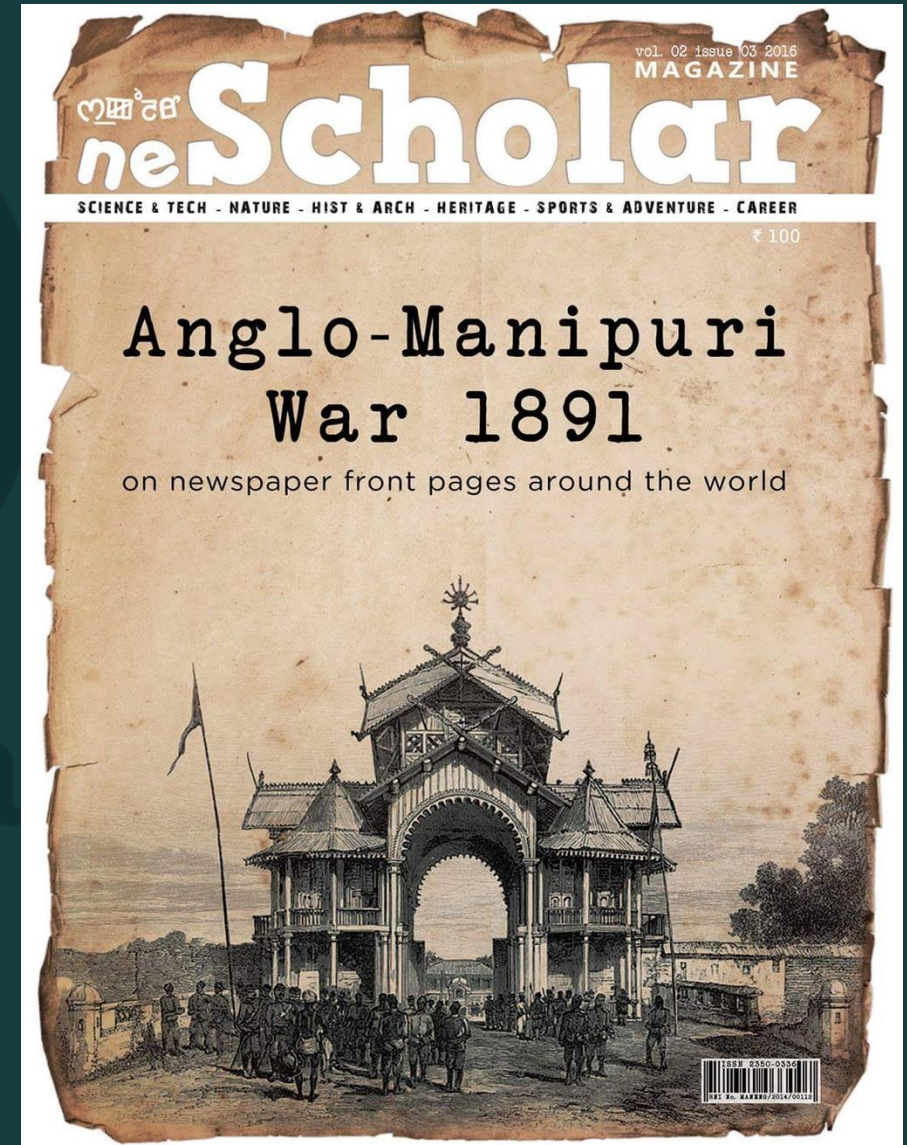


Manipur Observes Patriots' Day with Tributes to Anglo-Manipuri War Martyrs

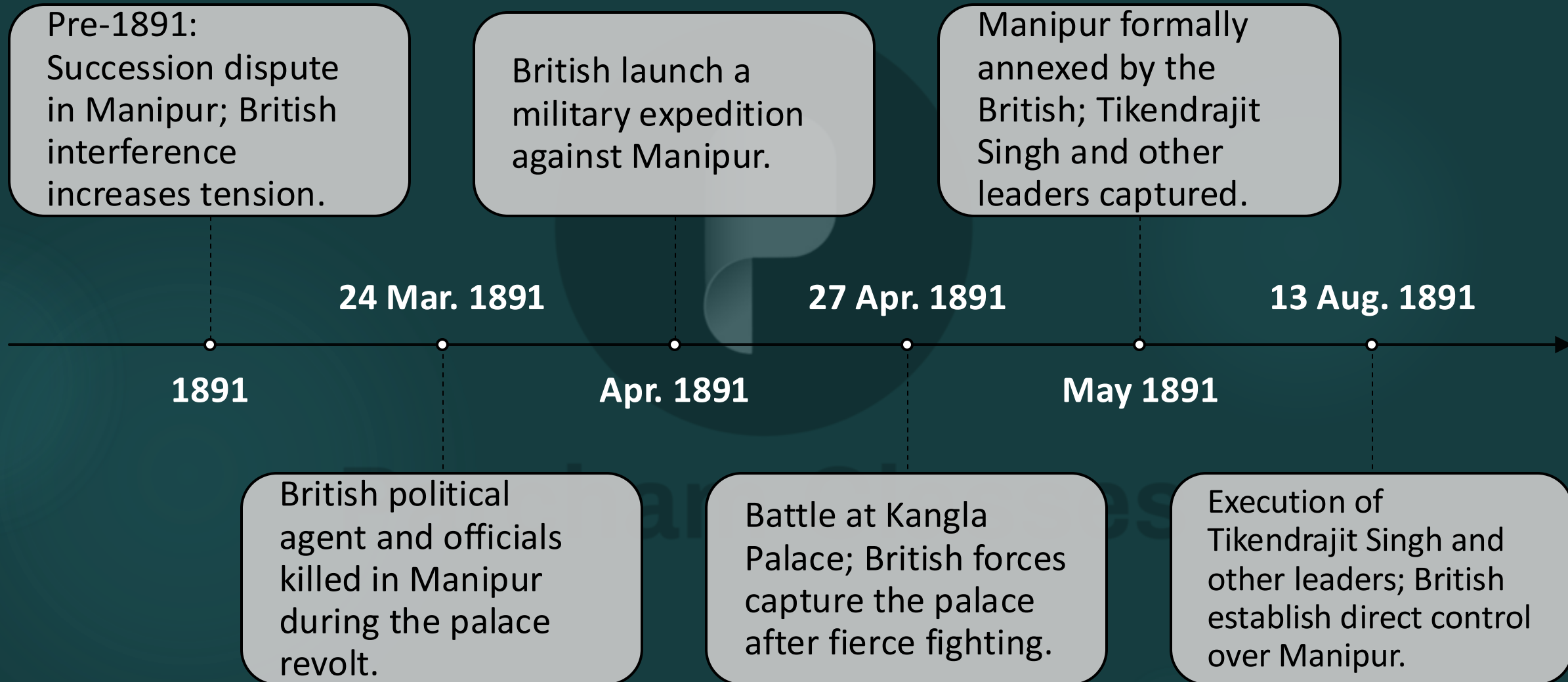


Manipur observed Patriots' Day on 13th august , remembering those martyrs who laid down their lives during the Anglo-Manipuri War of 1891.

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Timeline of the Anglo-Manipur War (1891):



Japanese PM Fumio Kishida announces decision to step down in September



- Japanese Prime Minister Fumio Kishida said he would step down in September, the ruling Liberal Democratic Party(LDP) needs a new start.
- Capital: Tokyo
- Currency: Japanese yen (¥)



India develops indigenous Kamikaze drones ahead of 78th Independence Day: Report



- The National Aerospace Laboratories (NAL) has unveiled a groundbreaking development in defence technology: fully indigenous kamikaze drones.
- These "do-and-die" unmanned aerial vehicles, equipped with home-built engines, are capable of flying up to 1,000 kilometers, marking a significant stride in India's defense capabilities
- Kamikaze drones also known as loitering munitions

India develops indigenous Kamikaze drones ahead of 78th Independence Day: Report



ICMR and Panacea Biotech initiate the First Dengue Vaccine Phase 3 Clinical Trial



- The Indian Council of Medical Research (ICMR) and Panacea Biotech announced the commencement of the Phase 3 clinical trial of **India's first indigenous dengue vaccine, DengiAll.**
- India's first indigenous dengue vaccine marks a critical advancement in our fight against dengue.





- According to WHO report approximately 75-80% of infections in India are asymptomatic, yet these individuals can transmit the infection through the **bite of Aedes mosquitoes**.
- Among the 20-25% of cases where symptoms are clinically apparent, children are at a significantly higher risk of hospitalization and mortality.

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Cabinet extends PM Ji-Van Yojana implementation by 5 years, to infuse further funds



- Prime Minister Narendra Modi on Friday approved extension of modified Pradhan Mantri JI-VAN (Jaiv Indhan- Vatavaran Anukool fasal awashesh Nivaran) Yojana for another five years, that is, till 2028-29.
- The cabinet also approved further investment of Rs 1,969 crore into the programme
- *The scheme aims to provide remunerative income to farmers for their agriculture residue, address environmental pollution, create local employment opportunities, and contribute to India's energy security and self-reliance.*

Pradhan Mantri JI-VAN (Jaiv Indhan- Vatavaran Anukool fasal awashesh Nivaran) Yojana:



- It was notified in March 2019.
- Financial Outlay: Rs. 1969.50 crore for the period 2018-19 to 2023-24.
- Financial Assistance: Rs. 150 crore per project for commercial projects and Rs. 15 crore per project for demonstration projects.
- Nodal Ministry: Ministry of Petroleum and Natural Gas
- Biofuels are renewable fuels derived from organic sources, such as plants, agricultural and forest residues, algae, and animal waste.

CABINET DECISION
9TH AUGUST, 2024

**Amendment in
Pradhan Mantri JI-VAN Yojana**

- Modified scheme extends timeline for implementation of scheme by 5 year i.e. till 2028-29
- Financial support to Advanced Biofuel Projects using lignocellulosic biomass and other renewable feedstock

Benefits:

- Will provide remunerative income to farmers for their agriculture residue
- Will contribute to India's energy security and self-reliance



- Under the scheme, the first 2G Ethanol Project set up by Indian Oil Corporation Limited at Panipat, Haryana has been dedicated to the nation by the Hon'ble Prime Minister on 10th August 2022.
- The other 2G commercial projects being set up by BPCL, HPCL and NRL at Bargarh (Odisha), Bathinda (Punjab) and Numaligarh (Assam) respectively, are also nearing completion

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An aerial photograph of a vast floating solar project on a body of water. The solar panels are arranged in neat, parallel rows that stretch towards the horizon. The sun is low on the horizon, creating a warm, golden glow across the sky and reflecting off the water and the panels. In the background, some land with buildings and trees is visible under the twilight sky.

North India's Largest Floating Solar Project Commissioned in MP's Omkareshwar

North India's largest floating solar project commissioned in Omkareshwar



- Madhya Pradesh has commissioned the largest floating solar project in central and north India, generating 90 MW at Omkareshwar.
- Omkareshwar Floating Solar Project is located at Omkareshwar in District Khandwa, Madhya Pradesh.
- The floating power plant was developed on the backwaters of Omkareshwar dam (it is a gravity dam on the Narmada River).
- *It is the biggest solar park in India and the largest floating solar project in central and north India, generating 90 MW of energy.*



- This project was developed under the Union Ministry of Renewable Energy.
- The project is executed by SJVN Green Energy Limited (SGEL), a wholly owned subsidiary of SJVN, a joint venture between the Government of India and the Government of Himachal Pradesh.
- **Project Cost: 646 crores**
- The project is likely to generate 196.5 million units of electricity in the first year and 4,629.3 million units in the 25 years,
- the project will reduce carbon emissions by 2.3 lakh tonnes and contribute significantly to the central government's mission of achieving net zero carbon emissions by 2070

10th bilateral Mitra Shakti Military Exercise Commences in Sri Lanka



- The annual bilateral Mitra Shakti military exercise between the Indian Army and the Sri Lankan Army commenced in the Sri Lankan Army Training School, Maduru Oya, in Sri Lanka's Southern Province.
- Scheduled from 12 to 25 August, is an annual Combined Training Exercise of the two countries' Forces
- Its last edition was conducted in Pune in November 2023





A. Bharat Bhushan Babu ✓

@SpokespersonMoD



"Jai Hind! Sending this message to countrymen from Mt. Kilimanjaro Summit, 19341 feet. We all made to the Summit between 1300 to 1400 hrs today. 7,800-sq ft Indian flag displayed. Now returning from summit at 1412 hrs."

-Message of the MoD's expedition team led by Divyang Shri Uday Kumar from the highest peak of Africa.

The [@HMIDarjeeling](#) group has created history by hoisting the largest Indian flag atop the African Summit.

Watch this space for more.

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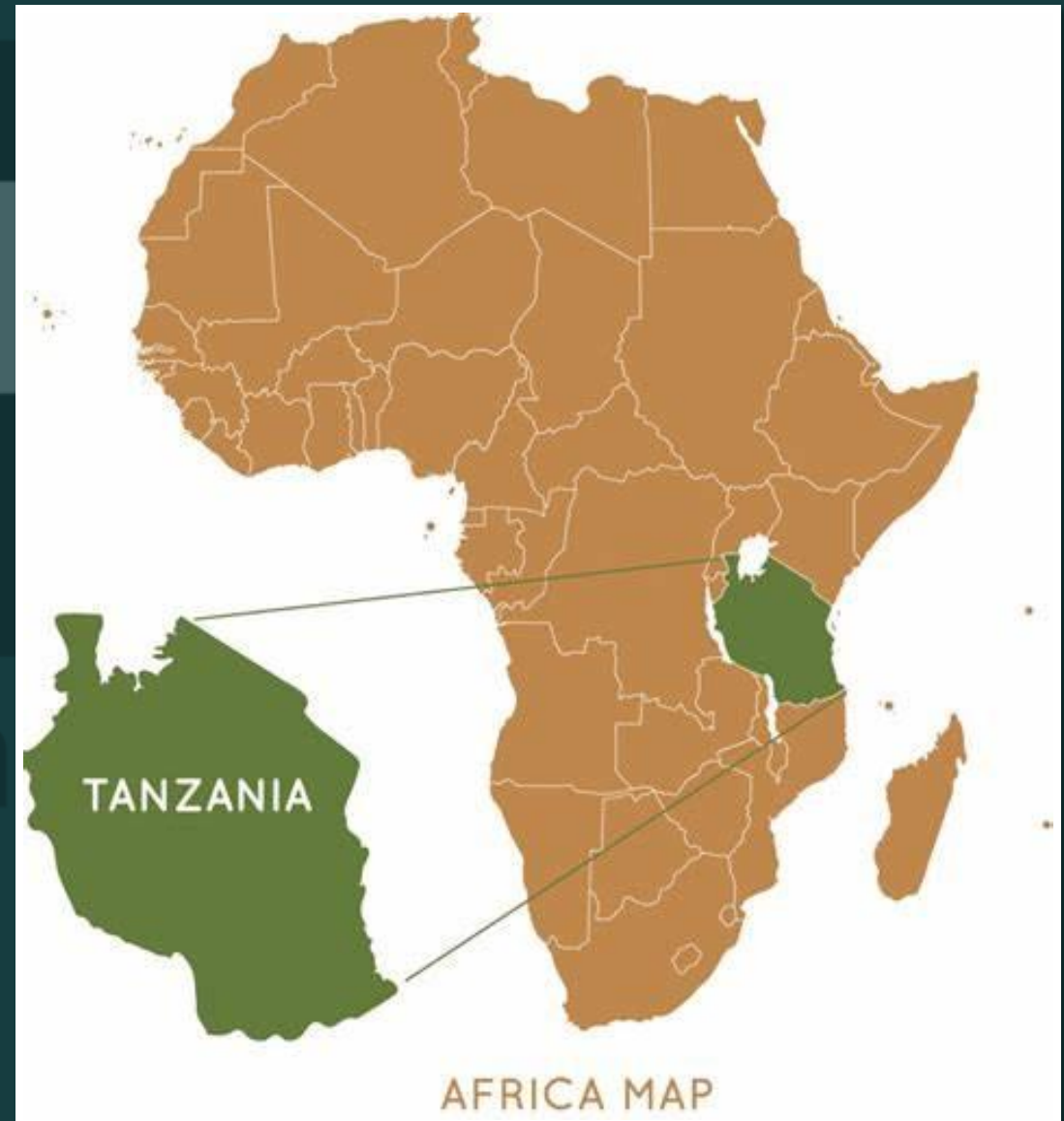
Mount Kilimanjaro



- An expedition team from the Ministry of Defence, led by 'Divyang' Uday Kumar, made history by hoisting the largest Indian flag atop Mount Kilimanjaro, the highest peak in Africa at 19,341 ft.
- It is **Africa's tallest mountain** and the **world's largest free-standing mountain** (which means not part of a mountain range).
- It is located in northeastern **Tanzania**, near the Kenya border.
- It extends approximately east-west for 50 miles (80 km).



- Also called a **stratovolcano**, Kilimanjaro is **made up of three cones: Kibo, Mawenzi, and Shira.**
- Kilimanjaro is also known for its **snow-capped peak.**
- The **Kilimanjaro National Park** was named a United Nations Educational, Scientific, and Cultural Organization (UNESCO) **World Heritage Site** in 1987.



Raj Kumar Chaudhary appointed as CMD of NHPC Ltd



- Raj Kumar Chaudhary has been appointed as the new Chairman & Managing Director of NHPC Limited.
- Prior to his current appointment, Chaudhary held the critical position of Director (Technical) at NHPC.
- National Hydroelectric Power Corporation
- Founded- 7 November 1975
- Headquarters- Faridabad
- Owner- Government of India (70.95%)



Pakistan athlete Arshad Nadeem to be honoured with Hilal-e-Imtiaz Award



- The Javelin Throw gold medallist in the Paris Olympics 2024,
- Pakistan's Arshad Nadeem is set to be **honoured with Hilal-e-Imtiaz** by the country's government.
- **Hilal-e-Imtiaz is the second-highest** civilian award given by the Government of Pakistan (Highest - Nishan-e-Pakistan)



Former YouTube CEO Susan Wojcicki died



- Susan Wojcicki, the former YouTube CEO and one of Google's earliest employees, has passed away at the age of 56.
- Wojcicki, one of the most prominent women in tech, stepped down from her role at YouTube in 2023, a position she held for nine years.



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NEWS FLASH

**FORMER CM SHRI NAVEEN PATNAIK URGES
CENTRE TO MAINTAIN ODISHA'S LEGACY WITH
"UNESCO KALINGA PRIZE".**

Classes

Science and Technology Ministry withdraws support from Kalinga Prize



- The Science and Technology Ministry has withdrawn its contribution to the prestigious UNESCO Kalinga Prize for Popularisation of Science
- Former Odisha Chief Minister Naveen Patnaik has protested the withdrawal and requested the restoration of support.

About the UNESCO Kalinga Prize for Popularisation of Science

- UNESCO's oldest award, instituted through a donation by Odisha's former Chief Minister
- instituted by his father legendary Biju Patnaik in 1952.
- The prize winner is selected by UNESCO's Director-General on the recommendation of a five-member jury



- The Science Ministry has been supporting this award since 2001.
- Award: Cash prize of US\$40,000 and a Kalinga Chair with an additional
- US\$5,000, UNESCO-Albert Einstein silver medal.
- UNESCO Kalinga Prize is the only international award from India in the field of popularisation of science

Parcham Classes

World's oldest calendar discovered in Turkey



- Archaeologists at Göbekli Tepe, an ancient site in Turkey, have possibly discovered the world's oldest calendar, dating back nearly 13,000 years.
- Göbekli Tepe, often referred to as the world's first temple, features a series of large stone pillars with ornate carvings.



**World's oldest calendar
found at 13,000 year old
temple in Turkey**



- The carvings on the pillars include a series of V-shaped symbols, each representing a single day.
- By counting these symbols, researchers identified a calendar of 365 days, divided into 12 lunar months with an additional 11 days.
- on the pillar, one stands out: a depiction of a “bird-like beast” with a V-shaped marking around its neck.

Parcham Classes

Recently, Japan issued its first-ever ‘megaquake advisory’ on the Nankai Trough, a subduction zone



- **Event:** A 7.1-magnitude earthquake struck southern Japan on Thursday, August 8, prompting the Japan Meteorological Agency to issue its first-ever “megaquake advisory.”
- The advisory highlighted an increased likelihood of strong shaking and large tsunamis, particularly along the Nankai Trough, a subduction zone along Japan’s southwest Pacific coast.
- However, this does not mean that a major earthquake would definitely happen during a specific period.

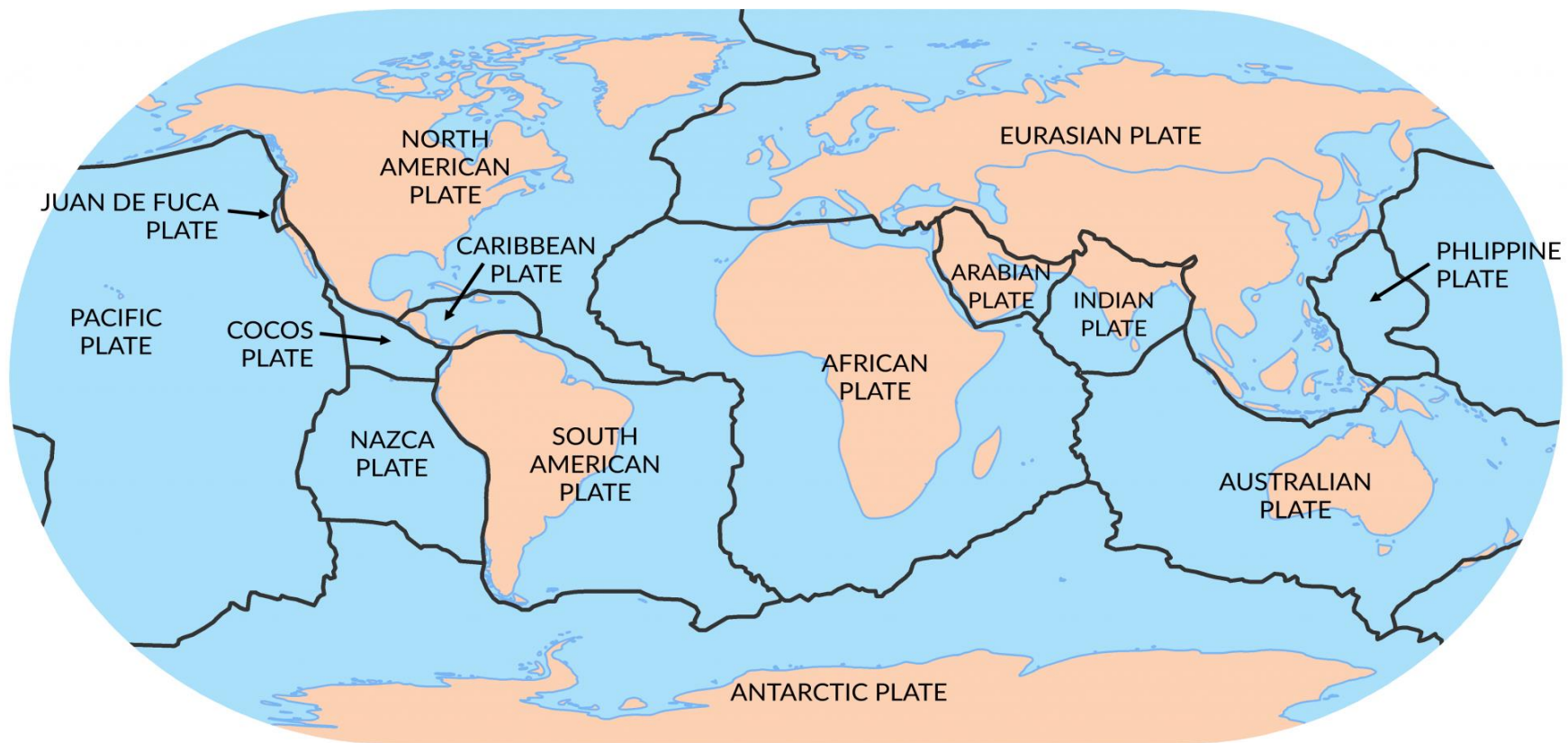
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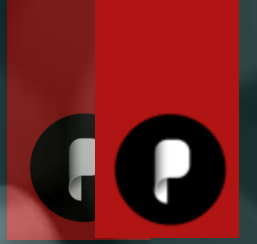


What is the Nankai Trough?

- The Nankai Trough is an underwater subduction zone (nearly 900 km long) where the Eurasian Plate collides with the Philippine Sea Plate, pushing the latter under the former and into the Earth's mantle.
- This accumulates tectonic stress which can cause a megaquake — an earthquake with a magnitude larger than 8.
- These tremors usually come in pairs, with the second often rupturing in the subsequent two years — the most recent “twin” earthquakes took place in 1944 and 1946.

Parcham Classes





REVISION QUESTIONS



Parcham Classes



What is the name of the long-range glide bomb successfully tested by the DRDO?

डीआरडीओ द्वारा सफलतापूर्वक परीक्षण किए गए लंबी दूरी के ग्लाइड बम का नाम क्या है?

- A) Agni
- B) Gaurav
- C) BrahMos
- D) Nirbhay

Answer: B

Parcham Classes



Who won the NIUA-NMCG Best Thesis Award in the postgraduate category for the year 2024?

वर्ष 2024 के लिए स्नातकोत्तर श्रेणी में NIUA-NMCG सर्वश्रेष्ठ थीसिस पुरस्कार किसने जीता?

- A) Sakshi Katekhaye
- B) Priya Sharma
- C) Ravi Kumar
- D) Ananya Patel

Answer: A

Parcham Classes



Which tectonic plates are in collision at the Nankai Trough?

नानकाई गर्ट में कौन सी टेक्टोनिक प्लेटें टकरा रही हैं?

- A) Pacific Plate and North American Plate
- B) Eurasian Plate and Philippine Sea Plate
- C) Indo-Australian Plate and South American Plate
- D) African Plate and Antarctic Plate

Answer: B

Parcham Classes



In which state is the Omkareshwar Floating Solar Project located?

ओंकारेश्वर फ्लोटिंग सौर परियोजना किस राज्य में स्थित है?

- A) Uttar Pradesh
- B) Maharashtra
- C) Madhya Pradesh
- D) Gujarat

Answer: c

Parcham Classes



Who has been appointed as the new Chairman & Managing Director of NHPC Limited?

एनएचपीसी लिमिटेड के नए अध्यक्ष एवं प्रबंध निदेशक के रूप में किसे नियुक्त किया गया है?

- A) Raj Kumar Chaudhary
- B) Anil Kumar Sharma
- C) Prakash Chandra
- D) Sandeep Kumar

Answer: A

Parcham Classes



Which country is participating alongside India in the Mitra Shakti military exercise?

मित्र शक्ति सैन्य अभ्यास में भारत के साथ कौन सा देश भाग ले रहा है?

- A) Bangladesh
- B) Nepal
- C) Sri Lanka
- D) Pakistan

Answer: C

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QUESTION OF THE DAY



Which ministry has withdrawn its contribution to the UNESCO Kalinga Prize for Popularisation of Science?

किस मंत्रालय ने विज्ञान के लोकप्रियकरण के लिए यूनेस्को कलिंग पुरस्कार से अपना योगदान वापस ले लिया है?

- A) Ministry of Education
- B) Ministry of Science and Technology
- C) Ministry of Culture
- D) Ministry of External Affairs

Answer: B

Parcham Classes