



Daily CA

14th August 2024

Parcham Classes

QUESTION OF THE DAY



Who is honored with the first Book Brahma Sahitya Puraskara in 2024?

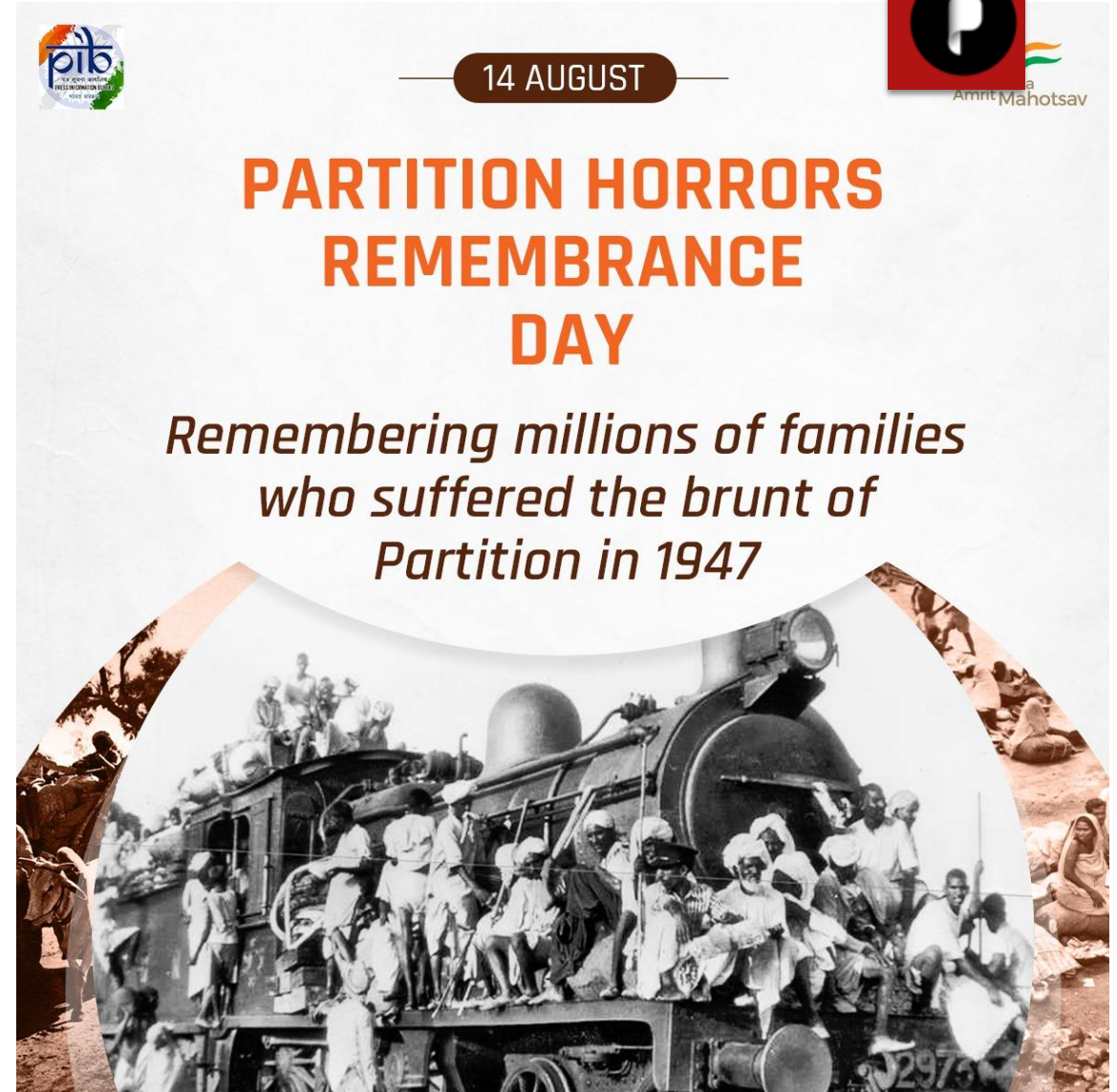
2024 में प्रथम पुस्तक ब्रह्मा साहित्य पुरस्कार से किसे सम्मानित किया गया है?

- a) B. Jeyamohan
- b) M. T. Vasudevan Nair
- c) C. N. Annadurai
- d) Kamala Das

Answer: a

14th August - Partition Horrors Remembrance Day in India

- Prime Minister Narendra Modi had announced to observe this day in 2021.
- The Partition of India in 1947 was a pivotal moment in South Asian history, leading to the division of British India into two independent countries: India and Pakistan.



14th August Malayalam New Year

- Vishu is a cultural festival celebrating the Malayali New Year in Kerala.
- Vishu falls on the first day of the month of Medam in the Malayalam Calendar.
- The day also marks the onset of the harvest season.



MP govt gives cash to girl students to buy sanitary napkins



Madhya Pradesh has become the first state in the country to give money to girl students to buy sanitary napkins.



Under the Sanitation and Hygiene Scheme, an amount of **three hundred rupees** has been transferred in each girl student's account for one year.



In some states like Karnataka, Rajasthan and Delhi, free sanitary napkins are given to students but cash is being given only in Madhya Pradesh.



'One India-One Ticket' to boost tourism



The Indian Railway Catering and Tourism Corporation (IRCTC) and the National Capital Region Transport Corporation (NCRTC) have collaborated to launch 'One India-One Ticket' initiative

To enhance the travel experience for passengers on Indian Railways and Namo Bharat Trains.

The Namo Bharat is an Indian Electric multiple unit (EMU) train built for RapidX (Regional Rapid Transit services). (Delhi-Meerut RapidX launched inaugurated in 2023)





It will allow passengers to book Namo Bharat tickets through IRCTC platform with flexible cancellation and payment.



Passengers can generate Unique QR code for Namo Bharat train ticket. (Valid for 4 Days)



Namo Bharat tickets can be booked up to 120 days in advance, aligning with the current Railway reservation window.

Kwatra takes charge as Indian ambassador to the US



- Former Foreign Secretary Vinay Mohan Kwatra has taken charge as Indian ambassador to the US, succeeds Taranjit Singh Sandhu.



Vinay Mohan Kwatra Takes Charge
as **Indian Ambassador** to US

Iran's VP Md. Javad Zarif resigns citing disappointment over selection of cabinet members



- Iranian Vice-President Mohammad Javad Zarif has resigned from his post **just 11 days after his appointment.**
- In a decree on August 1, Iranian President appointed Zarif as Vice-President for strategic affairs and head of the Centre for Strategic Studies.
- Mr. Zarif served as Iran's Foreign Minister from 2013 to 2021 under former President Hassan Rouhan.
- **President of Iran - Masoud Pezeshkian**



**IRAN'S VICE PRESIDENT RESIGNS 11 DAYS
AFTER APPOINTMENT, CITING REASONS**

High-yielding safflower variety developed by IIOR released by PM Modi

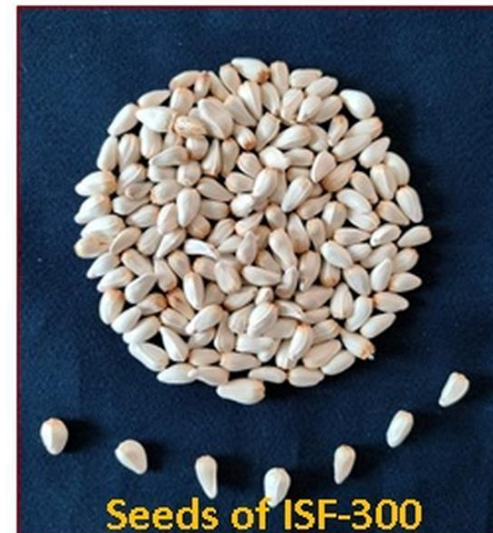


A high-yielding safflower variety developed by the ICAR-Indian Institute of Oilseeds Research, based in Hyderabad, was one of the 109 high-yielding, climate resilient and bio-fortified varieties of 61 crops released by Prime Minister Narendra Modi in New Delhi.



The safflower variety developed by IIOR, ISF 300, is suitable for all safflower-growing regions in the country including Maharashtra, Karnataka, Andhra Pradesh, Telangana, Chhattisgarh and Madhya Pradesh - both for rain-fed and irrigated cultivation.

- Both the varieties were found resistant to the wilt disease
- According to the statistics of Telangana Agriculture Department, safflower was cultivated in 10,464 acres in 2023-24, 21,234 acres in 2022-23, 18,544 acres in 2021-22 and 7,551 acres in 2020-21.



Huge underground reservoir of liquid water on Mars, seismic data indicates



- A massive reservoir of liquid water, equal to an ocean, is found hiding under Mars.
- The water deposit found fractured within igneous rocks, is so huge that it is enough to fill an ocean that can cover the entire Earth's planetary neighbour, concluded scientists who observed the recent seismic data of Mars.





- The claims were made based on data received from NASA's robotic InSight Lander during a mission to help decipher the interior of Mars.
- The water discovered on Mars is located about 7.2 to 12.4 miles (11.5 to 20 km) below the Martian surface, which is at depths that are too far below the surface for us to access.
- Life can sustain at such depths, as researchers point out that conditions beneath are favourable for microbial life, but reaching there would be a herculean task, almost impossible some may say.

Shalini Singh takes charge as DGP of Puducherry following the retirement of DGP B. Srinivas from service.



Classes

Union Government to include AYUSH in Ayushman Bharat scheme

The Union Government is working on the inclusion of an AYUSH (Ayurveda, Yoga & Naturopathy, Unani, Siddha and Homeopathy) package under the Ayushman Bharat Pradhan Mantri Jan Arogya Yojana (AB PM-JAY), Launched in 2018



AB PM-JAY aims to provide health cover of ₹5 lakh per family per year for secondary and tertiary care hospitalisation to approximately 55 crore beneficiaries corresponding to 12.34 crore families constituting the bottom 40% of the population.



However, the **Ministry** is implementing the **Centrally Sponsored Scheme of National Ayush Mission (NAM)** through **State/UT governments** for development and promotion of AYUSH system.



The National Health Authority (NHA) has been constituted as an autonomous entity under the Society Registration Act, 1860 for **effective implementation of PM-JAY in alliance with state governments.**



Central government employees and pensioners enrolled in the Central Government Health Scheme (**CGHS**) **can have access to healthcare services through allopathic as well as AYUSH.**

Youth around the world find it tough to get a job: ILO report



Young people around the world are unable to find secure work and their chances of finding a job decrease as the income level of the country they reside in decreases, **the International Labour Organisation's (ILO) Global Employment Trends for Youth 2024 report**



The number of 15- to 24-year-olds who are **not in employment, education or training (NEET)** is concerning and that the post-COVID-19 pandemic employment recovery has not been universal.

Global and Regional Youth Employment Trends



Topic	Key Points
Global Youth Employment	Youth struggle with secure employment, worsening in lower-income countries.
Youth NEET (15-24 years)	High NEET rates persist post-COVID; recovery uneven globally.
Low vs. High-Income Countries	Secure jobs: 20% in low-income vs. 76% in high-income countries (2023).
Temporary Work	Rising temporary employment in all income levels.
Gender Disparities	Men recovered better than women; women's unemployment still high (13.4%).



Asia-Pacific and South Asia Specific Trends

Topic	Key Points
Asia-Pacific NEET Trends	Decline since 2019; South Asia's female NEET rate very high (42.4%).
South Asia Gender Gap	Largest global gender gap in NEET rates (31 percentage points).
2025 Projections	Youth unemployment to drop to 13.7%; NEET rate to slightly rise to 20.5%.
Temporary Jobs in Asia-Pacific	Increased from 1 in 5 to 1 in 4 since 2000.
South Asia Agriculture Employment (2021)	Largest employer for youth at 35%.

Australia, U.S., U.K. sign nuclear transfer deal for AUKUS submarines



- Australia had signed a deal to allow the exchange of nuclear secrets and material with the United States and Britain, a key step toward equipping its navy with nuclear-powered submarines.
- It is a trilateral security partnership between the United Kingdom, the United States of America, and Australia agreed in 2021.



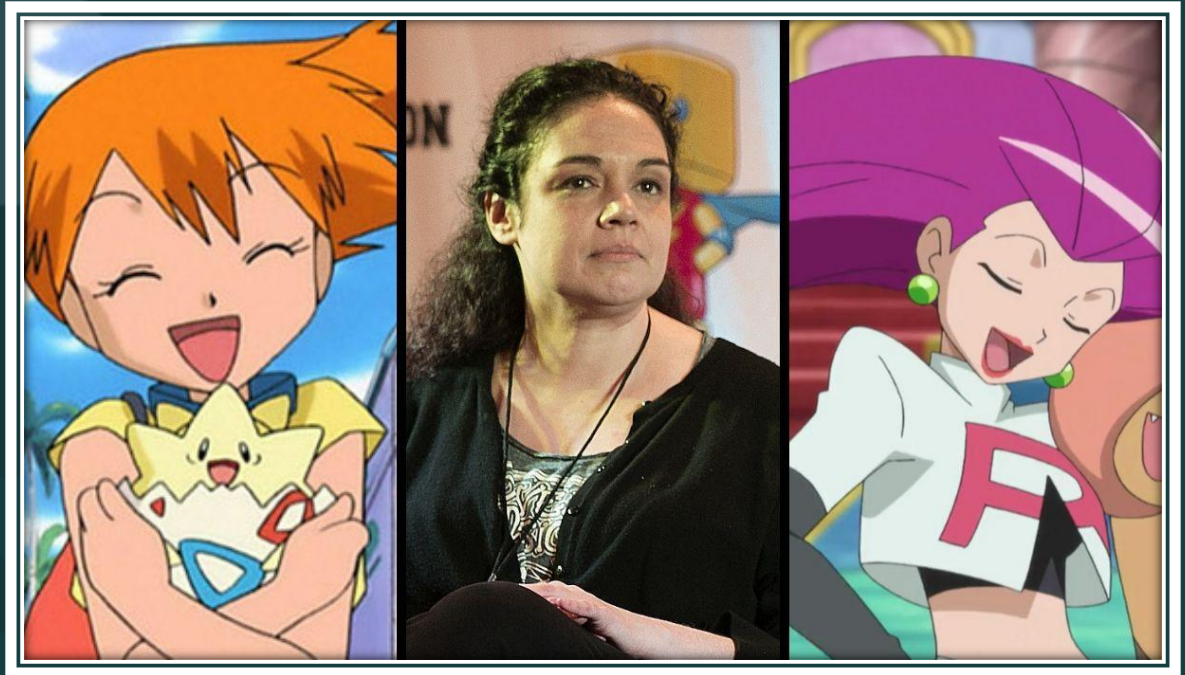
Kavin Quintal (Chennai), the first Indian to have participated in the World Superbike Championship.



Rachael Lillis, voice actor for Misty and Jessie from 'Pokémon', dies at 46



- Rachael Lillis, known for her iconic roles as Misty and Jessie from Team Rocket in Pokémon, has passed away at the age of 46.



German Scientists Discover Plastic-Eating Fungi for Waste Reduction



- It could offer a hope in tackling the problem of millions of tonnes of waste polluting the world's oceans every year.
- Microfungi can degrade synthetic polymers, showing potential for use in controlled environments like sewage treatment plants. However, they are unlikely to solve the global plastic waste crisis. (350-400 million metric tons)



CSIR-NPL Launches Certification Process for Continuous Emission Monitoring



- Continuous Emission Monitoring System (CEMS) is a critical tool for accurate pollution monitoring and reporting, essential for industries across India.
- In 2014, Central Pollution Control Board (CPCB) mandated the installation of CEMS in 17 categories of highly polluting industries and common pollution control facilities.



Key Points	Details
CEMS Importance	Essential tool for accurate pollution monitoring and reporting in India.
CPCB Mandate (2014)	Installation of CEMS required in 17 highly polluting industries.
CSIR-NPL Role	Designated as the national verification agency for CEMS certification in 2019 by MOEF.
NPLI CS Certification Scheme	Developed by CSIR-NPL for certifying CEMS instruments and equipment.
Current Certification	CSIR-NPL accepting applications for gaseous CEMS; PM CEMS certification to follow.
PM 2.5 Testing Facility	CSIR-NPL has a facility for PM 2.5 monitoring systems, now accepting certification applications.
Certification Significance	Ensures products meet national and international standards, crucial for legal compliance.
CSE Report (2022)	Emphasized the need for a robust CEMS certification system in India, proposing a European-style process.



सत्यमेव जयते

Women and Men in India 2023

Release of Publication “Women and Men in India 2023”



Ministry of Statistics and Programme Implementation (MoSPI), Government of India, released the 25th issue of its publication titled “**Women and Men in India 2023**”

2023

2036

India's population is projected to reach **152.2 crore by 2036**, with an increase in the female percentage to 48.8% from 48.5% in 2011.

The **sex ratio** is expected to rise from **943** in **2011** to **952** by **2036**, indicating progress in gender equality.



Fertility rates have decreased in younger women but increased for those aged 35-39, and adolescent fertility is significantly lower among literate women

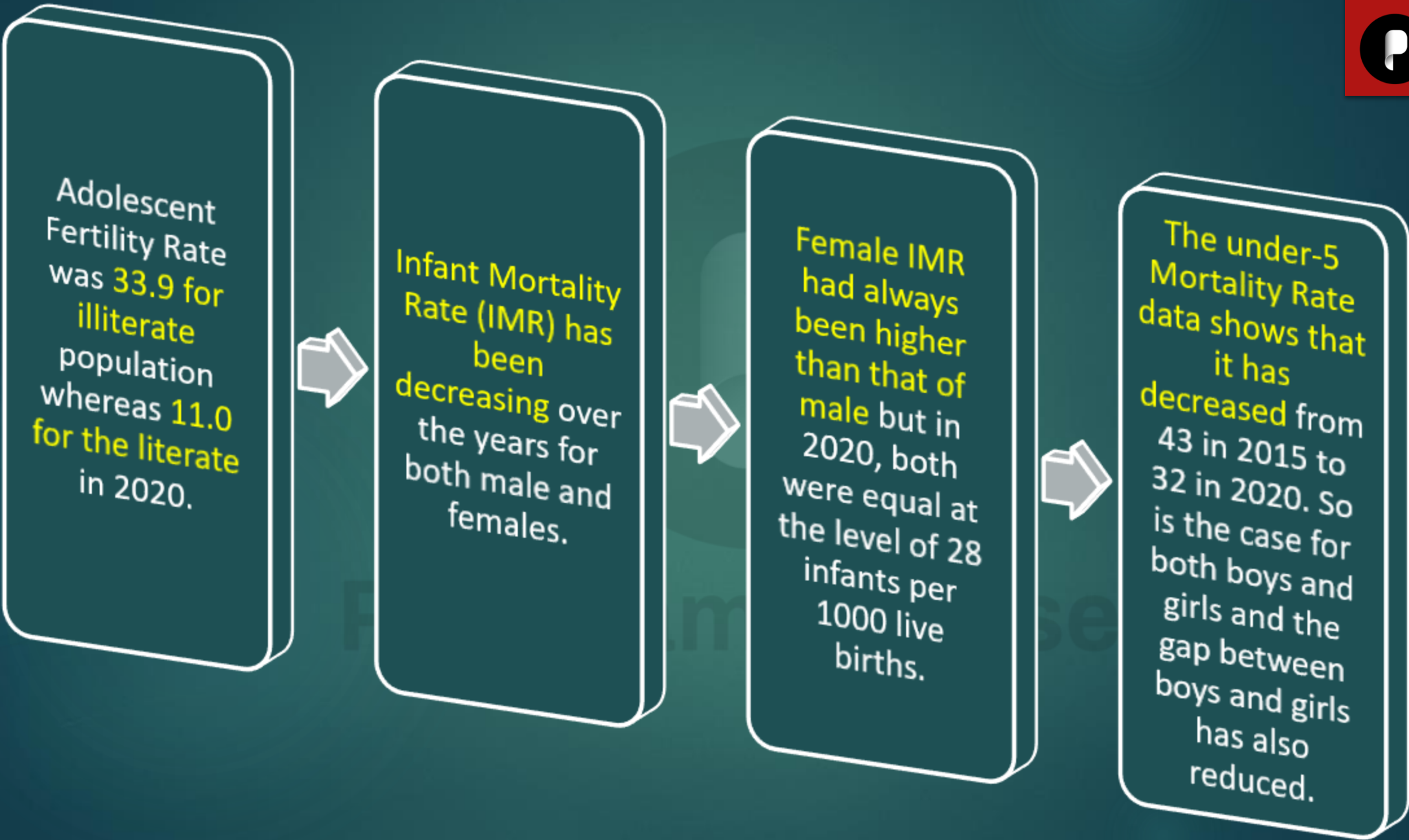


2016 to 2020, Age Specific Fertility Rate (ASFR) in the age group of 20-24 and 25-29 **has reduced** from 135.4 and 166.0 to 113.6 and 139.6 respectively.



The ASFR for the age 35-39 **increased** from 32.7 to 35.6 which shows that after settling in life, women are thinking of expansion of family.





Adolescent Fertility Rate was **33.9** for illiterate population whereas **11.0** for the literate in 2020.

Infant Mortality Rate (IMR) has been **decreasing** over the years for both male and females.

Female IMR had always been higher than that of **male** but in 2020, both were equal at the level of 28 infants per 1000 live births.

The under-5 Mortality Rate data shows that it has **decreased** from 43 in 2015 to 32 in 2020. So is the case for both boys and girls and the gap between boys and girls has also reduced.



Guidelines Issued for 'Model Solar Village' Under PM-Surya Ghar

The Government has issued operational guidelines for the implementation of **Model Solar Village** under PM-Surya Ghar-Muft Bijli Yojana.

Under the scheme emphasis has been placed on **creating one Model Solar Village per district across the country.**

A total **financial outlay of 800 crore** rupees has been allocated for this component, providing 1 crore rupees per selected Model Solar Village.

under this scheme, **a village must be a revenue village with a population size above 5,000 or 2,000 for special category states.**

Roshni Nadar Malhotra, chairperson of HCL Technologies is India's most influential woman leading a family-owned business, according to the 2024 Barclays Private Clients Hurun India Most Valuable Family Businesses report.



- **Roshni Nadar Malhotra**, The Chairperson of HCL has been named India's Most Influential Woman Leader.

Neelakurinji becomes a 'threatened species,' officially



- The endangered purple bloom of the Western Ghats, Neelakurinji (*Strobilanthes kunthiana*), was recently added to the International Union for Conservation of Nature (IUCN) Red List of Threatened Species.
- The latest global assessment confirms its threatened status in the Vulnerable (Criteria A2c) category of the IUCN
- Neelakurinji (*Strobilanthes kunthiana*), the purplish flowering shrub, which blooms once in 12 years,



- The endangered purple bloom of the Western Ghats, Neelakurinji (*Strobilanthes kunthiana*), was recently added to the International Union for Conservation of Nature (IUCN) Red List of Threatened Species.



REVISION QUESTIONS





What is the current status of Neelakurinji (*Strobilanthes kunthiana*) in the IUCN Red List of Threatened Species?

संकटग्रस्त प्रजातियों की IUCN लाल सूची में नीलकुरिंजी (स्ट्रोबिलांथेस कुंथियाना) की वर्तमान स्थिति क्या है?

- A) Least Concern
- B) Near Threatened
- C) Vulnerable
- D) Endangered

Answer: C

Parcham Classes



Who is recognized as India's most influential woman in the 2024 Barclays Private Clients Hurun India Most Valuable Family Businesses report?

2024 बार्कलेज प्राइवेट क्लाइंट्स हुरुन इंडिया मोस्ट वैल्यूएबल फैमिली बिजनेस रिपोर्ट में भारत की सबसे प्रभावशाली महिला के रूप में किसे मान्यता दी गई है?

- A) Roshni Nadar Malhotra
- B) Kiran Mazumdar-Shaw
- C) Indira Nooyi
- D) Nita Ambani

Answer: A



According to the 25th issue of “Women and Men in India 2023,” what is India's projected population by 2036?

"भारत में महिला और पुरुष 2023" के 25वें अंक के अनुसार, 2036 तक भारत की अनुमानित जनसंख्या कितनी है?

- A) 140.5 crore
- B) 152.2 crore
- C) 160.0 crore
- D) 170.3 crore

Answer: B

Parcham Classes



According to the ILO's Global Employment Trends for Youth 2024 report, what trend has been observed regarding temporary work in high-income countries?

आईएलओ की युवाओं के लिए वैश्विक रोजगार रुझान 2024 रिपोर्ट के अनुसार, उच्च आय वाले देशों में अस्थायी काम के संबंध में क्या प्रवृत्ति देखी गई है?

- A) The incidence of temporary work has decreased
- B) The incidence of temporary work has remained the same
- C) The incidence of temporary work has risen
- D) Temporary work has been eliminated

Answer: C

Parcham Classes



The safflower variety ISF 300, developed by the ICAR-Indian Institute of Oilseeds Research (IIOR), is suitable for which types of cultivation?

आईसीएआर-भारतीय तिलहन अनुसंधान संस्थान (आईआईओआर) द्वारा विकसित कसुम किस्म आईएसएफ 300 किस प्रकार की खेती के लिए उपयुक्त है?

- A) Only irrigated cultivation
- B) Only rain-fed cultivation
- C) Only dryland cultivation
- D) Both rain-fed and irrigated cultivation

Answer: D

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

Parcham Classes