

Daily Current Affairs

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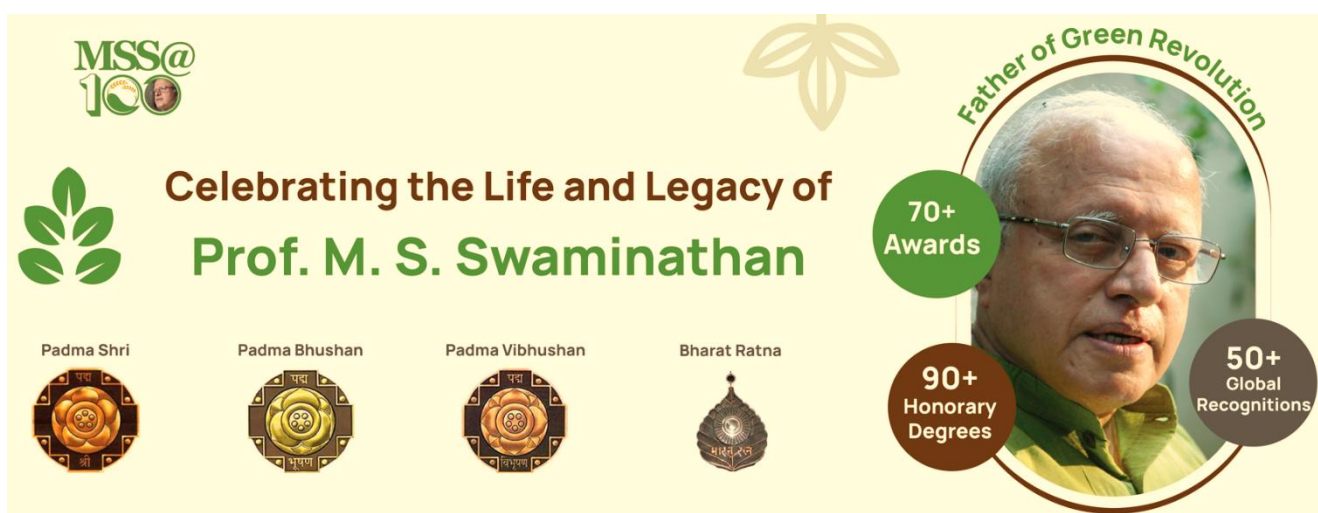
M.S. Swaminathan Centenary International Conference

- Prime Minister Narendra Modi will inaugurate the **M.S. Swaminathan Centenary International Conference in New Delhi 07 August**. To mark the birth centenary of Professor Swaminathan, a towering figure in agricultural science and a pioneer of food security, the **M.S. Swaminathan Research Foundation (MSSRF)** is organizing the Centenary International Conference from tomorrow to Saturday in collaboration with the **Ministry of Agriculture and Farmers Welfare, Indian Council of Agricultural Research and the National Academy of Agricultural Sciences**.



- Briefing the media, Director General of the Indian Council of Agricultural Research, Dr. M.L. Jat, said on the occasion, the **Prime Minister will release a commemorative coin and stamp issued** by the Government of India in honour of the legendary scientist. He highlighted Prof. Swaminathan's pivotal role in transforming India from a food-deficient to a food-surplus nation.

- Chairperson of the **MSSRF, Dr. Soumya Swaminathan**, underscored the global significance of the conference and its role in shaping the future of sustainable agriculture worldwide.
- Themed **“Evergreen Revolution – The Pathway to Bio happiness”**, the conference will honour Prof. Swaminathan’s lifelong contributions to sustainable and equitable development. The conference will serve as a global platform for scientists, policymakers, development professionals, and stakeholders to deliberate on advancing the principles of the ‘Evergreen Revolution’.



- **Key themes of the conference include** conservation and sustainable use of biodiversity and natural resources, climate-resilient and nutrition-sensitive agriculture, **inclusive and technology-driven livelihood solutions**, and youth, women, and community engagement in development. This international forum will bring together experts, policymakers, and stakeholders to advance the principles of the evergreen revolution.

Handloom Expo & ‘Haat On Wheels’

- **Ministry of Textiles, in collaboration with the National Handloom Development Corporation (NHDC)**, celebrated the 11th National Handloom Day with the launch of an Exclusive Handloom Expo and the **“Haat on Wheels” mobile retail initiative at New Delhi’s Janpath**.
- Union Textiles Minister Giriraj Singh inaugurated the Handloom Expo and the Haat on Wheels in the presence of Minister of State for Textiles Pabitra Margherita. Inaugurating the event the Minister underscored the government’s

unwavering commitment to the promotion and preservation of India's traditional weaving practices. He said that **Handlooms are not only a symbol of India's cultural identity** but also is a significant contributor to the rural economy and livelihood of millions of weavers across the country.



- Mr. Singh highlighted that the government is reinforcing its commitment to **strengthening the handloom sector by supporting artisans**, enhancing market access, and driving sustainable economic growth. The Handloom Expo is open to the public till the 10th of this month.
- **The exhibition brings together master weavers from across India**, retailing region-specific handloom products and **showcasing 116 unique weaves**. The event also features live weaving demonstrations as well, offering an immersive and educational experience for visitors, students, and craft enthusiasts alike.

World's Rarest Blood Group 'CRIB'

- **Scientists from India and the UK** have identified the **world's rarest blood group, named CRIB**, in a **38-year-old woman** from Kolar, near Bengaluru. This discovery, hailed as a milestone in global healthcare, could transform critical care, prenatal diagnostics, and blood donation protocols worldwide.
- **The woman, undergoing medical treatment** at Manipal Hospital, Bengaluru, was found to have a blood type that matched none of the known donor samples. Even after testing 20 of her family members, no compatible blood was found.



- Her blood showed **panreactivity**, meaning it was incompatible with every known sample tested. Doctors ultimately performed her surgery without a transfusion, a rare and high-risk decision.
- After extensive testing, experts confirmed the presence of a newly identified antigen, now classified as the CRIB blood group.



- The **CRIB** blood group is a new and extremely rare type classified under the **Cromer** blood group system. It has been described as the rarest blood group ever discovered, with only one known case worldwide — the Bengaluru woman. **CR** stands for **Cromer**, the blood group system it belongs to. **IB** represents **India and Bengaluru**, where the case was first identified. CRIB is part of the Indian

Rare Antigen (INRA) system, recognized by the International Society of Blood Transfusion (ISBT) in 2022.

- **Unlike ABO or Rh groups, CRIB is defined by the absence of a high-prevalence antigen found in almost all humans.** This makes finding compatible donors nearly impossible.
- According to Dr. C. Shivaram, Consultant and Head of Transfusion Medicine at Manipal Hospital, The human body recognizes blood through 47 internationally recognized blood group systems, not just ABO and Rh.



- The **Bengaluru woman's blood contained a previously unknown** antigen within the Cromer system, causing incompatibility with every tested sample.
- This reaction suggested an antigen so unique that no blood bank in the world had a matching donor.
- **The Cromer system includes several antigens, most** of which are common, while some are extraordinarily rare. Typically, antibodies against these rare antigens develop due to,
 - Pregnancy
 - Previous blood transfusions
 - Genetic mutations
- However, the Bengaluru woman had never received a transfusion before. Yet, her red blood cells rejected all donor blood as foreign, confirming the presence of the new CRIB antigen.

India Becomes World's 5th Biggest Aviation Market

- India has officially emerged as the **world's fifth largest aviation market**, **handling 241 million passengers in 2024**, according to the latest World Air Transport Statistics (WATS) released by the International Air Transport Association (IATA). Among the busiest flight routes, Mumbai-Delhi ranked 7th globally, marking India's growing dominance in global air travel.



- India recorded **241 million air passengers in 2024**, a **11.1% increase** from 2023, when the figure stood at 211 million. This strong performance pushed India ahead of Japan, which handled 205 million passengers, growing 18.6%. India is now behind only the US, China, UK, and Spain in the global rankings.



- **Global Ranking Snapshot**
- United States – 876 million passengers (5.2% growth)
- China – 741 million passengers (18.7% growth)
- United Kingdom – 261 million passengers
- Spain – 241 million passengers
- India – 241 million passengers
- Mumbai-Delhi: One of the World's Busiest Routes
- **The Mumbai-Delhi air corridor emerged as the 7th busiest airport pair globally, handling 5.9 million passengers in 2024. Asia Pacific dominated the top 10 busiest routes. The Jeju-Seoul (CJU-GMP) route in South Korea topped the list with 13.2 million passengers. The only non-Asia Pacific route in the top 10 was Jeddah-Riyadh (Saudi Arabia).**

REVIEW QUESTIONS

1. **M.S. Swaminathan Centenary International Conference Inaugurated In**

- A. Kolkata
- B. Chennai
- C. Hyderabad
- D. New Delhi

ANSWER: D

2. **India Becomes World's ___ Biggest Aviation Market**

- A. 3rd
- B. 2nd
- C. 5th
- D. 6th

ANSWER: C

3. **With Which Country Did India Sign A Mutual Legal Assistance Treaty (MLAT) Focusing On Civil And Commercial Matters**

- A. Morocco
- B. Tunisia
- C. Algeria
- D. Egypt

ANSWER: A

4. Which Country Released Its First National Multidimensional Poverty Index With Support From UNICEF & European Union

- A. Bangladesh
- B. India
- C. Nepal
- D. Sri Lanka

ANSWER: A

5. Koraput Kalajeera Rice Got GI Status, Is Cultivated In Which State

- A. Punjab
- B. Odisha
- C. Andhra Pradesh
- D. Uttar Pradesh

ANSWER: B

6. Where Has The New CRIB Blood Group Been Discovered

- A. Karnataka
- B. Maharashtra
- C. Kerala
- D. Tamil Nadu

ANSWER: A

7. Which State Has Recorded The Highest Number Of Organ Donations In India?

- A. Tamil Nadu
- B. Telangana
- C. Odisha
- D. New Delhi

ANSWER: B

8. Sawalkote Hydroelectric Power Project Is Located In Which State/UT

- A. Himachal Pradesh
- B. Jammu and Kashmir
- C. Uttarakhand
- D. Punjab

ANSWER: B

9. Where Was Operation Akhal Conducted By Indian Security Forces In August 2025

- A. Pulwama
- B. Kulgam
- C. Udampur
- D. Samba

ANSWER: B

10. Umiam Lake Seen In The News, Is Located In Which State

- A. West Bengal
- B. Arunachal Pradesh
- C. Sikkim
- D. Meghalaya

ANSWER: D

11. Where Was A National Conference On Denotified, Nomadic, And Semi-nomadic Tribes Held

- A. New Delhi
- B. Chennai
- C. Dehradun
- D. Jaipur

ANSWER: A

12. Which Institute Has Developed An Agriculture Waste-based Packaging Material

- A. IIT Madras
- B. IIT Bombay
- C. IIT Ahmedabad
- D. IIT Delhi

ANSWER: A

13. Olympic Champion Laura Dahlmeier, Belonged To Which Country

- A. Germany
- B. France
- C. United Kingdom
- D. Australia

ANSWER: A

14. Which Legislative Assembly Became The First In India To Be Powered Entirely By Solar Energy

- A. Maharashtra Legislative Assembly
- B. Gujarat Legislative Assembly
- C. Uttar Pradesh Legislative Assembly
- D. Delhi Legislative Assembly

ANSWER: D

15. Which Two Institutions Jointly Developed A District Flood Severity Index

- A. IIT Bombay and IIT Kanpur
- B. IIT Delhi and IIT Gandhinagar
- C. IIT Madras and IIT Kharagpur
- D. IIT Roorkee and IIT Hyderabad

ANSWER: B

16. Central Industrial Security Force (CISF) Functions Under Which Union Ministry

- A. Ministry of Defence
- B. Ministry of External Affairs
- C. Ministry of Finance
- D. Ministry of Home Affairs

ANSWER: D

17. HQ-16 Is A Surface-to-air Missile (SAM) System Developed By Which Country

- A. China
- B. France
- C. Israel
- D. Russia

ANSWER: A

18. Basohli Utsav is celebrated in which state/UT

- A. Himachal Pradesh
- B. Jammu and Kashmir
- C. Lakshadweep
- D. Uttarakhand

ANSWER: B

19. Cabinet Declared Which Day As 'National Space Day' In India

- A. August 20
- B. August 23
- C. August 25
- D. August 27

ANSWER: B

20. Which Of The Following Committee Made A Recommendation That Election Commission Should Be A Three Member Body

- A. Tarkunde Committee
- B. Ashok Mehta Committee
- C. Jeevan Reddy Committee
- D. JP Committee

ANSWER: A

