

Daily Current Affairs

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India Names Three Underwater Structures

- **Three underwater geographical features** in the Indian Ocean have been officially named, following proposals from India.
- These are the **Ashoka Seamount, Chandragupt Ridge, and Kalpataru Ridge**, recently recognized by the International Hydrographic Organization (IHO) and UNESCO's Intergovernmental Oceanographic Commission (IOC).

~~Three~~ Indian Ocean structures named **Ashoka, Chandragupt and Kalpataru**

Previous structures named after physicist CV Raman, oceanographer NK Panikkar and geologist DN Wadia

- **Ashoka Seamount:** Discovered in 2012 by a Russian research ship called **Akademik Nikolay Strakhov**, this underwater mountain covers about 180 square kilometers.
- **Chandragupt Ridge:** Found in 2020 by the Indian research ship **MGS Sagar**, this ridge is elongated and oval-shaped, stretching across 675 square kilometers.
- **Kalpataru Ridge:** Also discovered in 2012 by the **Akademik Nikolay Strakhov**, this ridge covers 430 square kilometers and might serve as a habitat and food source for marine life.



- In total, India has helped name **seven underwater features** in the Indian Ocean, mostly after Indian scientists.
- **Some of these previously named features** include: Raman Ridge (1992): Named after the famous physicist Sir CV Raman. , Panikkar Seamount (1993): Honoring oceanographer NK Panikkar. Sagar Kanya Seamount (1991): Named after the Indian research ship. Wadia Guyot (1993): Recognizing geologist DN Wadia.

India's IIP Records 4.2% Growth

- **Ministry of Statistics and Programme Implementation** data on the Index of Industrial Production (IIP) says, India's IIP records a growth of **4.2 per cent** in June 2024.
- Further, the growth rates of the three sectors, **Mining, Manufacturing and Electricity** have registered a growth of 10.3 per cent, 2.6 per cent and 8.6 per cent for June 2024.



Government of India
**Ministry of Statistics and
Programme Implementation**



- **IIP is an indicator that measures** the changes in the volume of production of industrial products during a given period. It is compiled and **published monthly** by the National Statistical Office (NSO), Ministry of Statistics and Programme Implementation.

JUICE Mission

- **European Space Agency (ESA)** is about to perform a very important and new kind of move in its **JUICE mission**. This move called a **Lunar-Earth gravity assist**, will use **both the Moon and Earth** to help change the spacecraft's speed and direction.



- It's the **first time a spacecraft will** use two different celestial bodies in this way. This maneuver is crucial and will greatly affect how the rest of the mission goes.
- **JUICE, which stands for JUpiter ICy moons Explorer**, is a spacecraft created to study the moons of Jupiter, especially Europa, Ganymede, and Callisto, to see if they could support life.
- JUICE mission, led by the **European Space Agency (ESA)**, aims to explore Jupiter's moons, especially Europa, Ganymede, and Callisto. The mission was launched in April 2023 and will take eight years to reach Jupiter.



- The spacecraft has ten scientific instruments to study the icy surfaces and possible **underground oceans of the moons**.
- Its findings could help us understand if life could exist beyond Earth. JUICE will also study **Jupiter's magnetic field and atmosphere**, providing important data for planetary science.

Roshni Nadar Malhotra

- **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.
- As the chairperson, she has been instrumental in the company's growth and success.



- The Nadar family's business is valued at a staggering **Rs 430,600 crore**.
- **Other notable women leaders** include Manju D. Gupta of Lupin, Sushila Devi Singhania of JK Cement, Meher Pudumjee of Thermax, Amita Birla of Birlasoft, Leena Gandhi Tewari of USV, Mahima Datla of Biological E, Bina Modi of Godfrey Phillips India, and Jyothy Ramachandran of Jyothy Laboratories.

One India-One Ticket

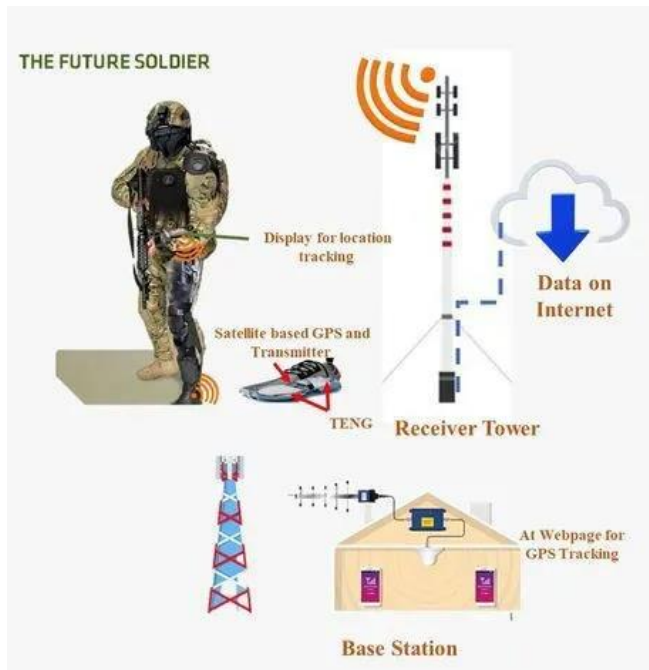
- **Indian Railway Catering and Tourism Corporation (IRCTC)** and the **National Capital Region Transport Corporation (NCRTC)** have collaborated to launch **'One India-One Ticket'** initiative to enhance the travel experience for passengers on Indian Railways and **Namo Bharat Trains**.



- It will allow passengers to book **Namo Bharat** tickets through **IRCTC** platform with flexible cancellation and payment.
- **IRCTC** in a statement said that passengers can **generate Unique QR code** for **Namo Bharat** train ticket. The code will be valid for 4 days around the journey date options. **Namo Bharat** tickets can be booked up to 120 days in advance, aligning with the current Railway reservation window.

TENG Technology

- **IIT Indore** has created **advanced** shoes using a special technology called **Tribo-Electric Nanogenerator (TENG)**. These shoes are designed to improve safety and efficiency for armed forces personnel but could also be useful in many other areas.
- **TENG technology works by turning the movement** of your steps into electrical energy. As you walk, the energy from each step is collected and stored in the shoe.
- **This stored energy can then** be used to power small electronic devices. The shoes also have **built-in GPS technology**, which allows for real-time location tracking. This feature helps military personnel stay aware of where they are and coordinate better with others.



First Ever Global Women's Kabaddi League

- The first-ever **Global Women's Kabaddi League** will commence next month in Haryana. Officially named the **Global Pravasi Women's Kabaddi League (GPKL)**, this groundbreaking tournament will feature female athletes from over 15 countries.



- The event represents a significant **advancement in promoting Kabaddi** internationally, supporting efforts to include the sport in the Olympic Games, and bolstering India's bid to host the 2036 Olympics.
- Organized by the **Holistic International Pravasi Sports Association (HIPSA)** in partnership with **World Kabaddi**, the League's launch will take place in Haryana.

- **A Memorandum of Understanding (MoU)** was recently signed between HIPSA and the Government of Haryana to facilitate this initiative. The League aims to advance the **global development of women's kabaddi**. The GPKL will showcase teams from a diverse range of countries, including England, Poland, Argentina, Canada, and Italy, with athletes from these nations expressing keen interest in participating.



SSBCrack
EXAMS

REVIEW QUESTIONS

1. JUICE Mission Is Launched By

- A. ISRO
- B. NASA
- C. JAXA
- D. ESA

ANSWER: D

2. Which Three Names Were Given To The Underwater Structures In The Indian Ocean

- A. Ashoka, Chandragupt, and Kalpataru
- B. Mahatma, Nehru, and Gandhi
- C. Himalaya, Ganga, and Krishna
- D. Shiva, Vishnu, and Brahma

ANSWER: A

3. Which Countries Participated In Bilateral Air Force Exercise 'Udara Shakti 2024'

- A. China and Japan
- B. India and Myanmar
- C. India and Malaysia
- D. India and Australia

ANSWER: C

4. Which Indian Recently Received Highest Civilian 'Grand-collar Of The Order' Award Of Timor Leste

- A. Droupadi Murmu
- B. Narendra Modi
- C. Neeraj Chopra
- D. S. Jaishankar

ANSWER: A

5. Which Ministry Is Nodal Body For Implementing The 'Pradhan Mantri Awas Yojana Urban 2.0 Scheme'

- A. Ministry of Urban Development
- B. Ministry of Housing and Urban Affairs
- C. Ministry of Agriculture
- D. Ministry of Rural Development

ANSWER: B

6. PARIVESH Portal', Is Developed By Which Ministry

- A. Ministry of Defence
- B. Ministry of Power
- C. Ministry of Agriculture
- D. Ministry of Environment, Forest and Climate Change

ANSWER: D

7. Which Organization Released Updated "Integrated Fire Management Voluntary Guidelines: Principles And Strategic Actions"

- A. FAO
- B. UNDP
- C. UNEP
- D. IMF

ANSWER: A

8. Which State Government Has Constituted A Task Force To Clear Encroachments In Forests And Western Ghats

- A. Goa
- B. Kerala
- C. Karnataka
- D. Maharashtra

ANSWER: C

9. What is 'Carry Trade'

- A. Investing In Countries With High Interest Rates
- B. Borrowing In A Country With Low Interest Rates And Investing In A Country With Higher Returns
- C. Trading Stocks Based On Interest Rate Predictions
- D. Selling Bonds To Buy Currencies

ANSWER: B

10. Who Has Been Appointed As Lieutenant Governor Of Puducherry

- A. K. Kailashnathan
- B. Susheel Kumar Trivedi
- C. Arun Kumar
- D. Ardhendu Sen

ANSWER: A

11. Main Objective Of 'QCI Surajya Recognition & Ranking Framework'

- A. To Increase Tourism In India
- B. To Drive Excellence Among States, Improve Citizens' Quality Of Life
- C. To Promote International Trade
- D. To Reduce Government Spending

ANSWER: B

12. What Is 'Operation Dudhi'

- A. Counter-insurgency operation conducted by Assam Rifles
- B. Preventing forest fires by aerial firefighting
- C. India's humanitarian assistance and disaster relief to Myanmar
- D. None of the Above

ANSWER: A

13. UP Government Inaugurated 'Kakori Train Action' Centenary Festival In Which City

- A. Lucknow
- B. Varanasi
- C. Ayodhya
- D. Kanpur

ANSWER: A

14. Where Was 4th Foreign Office Consultations Between India And Zambia Held

- A. Lusaka
- B. New Delhi
- C. Kitwe
- D. Chennai

ANSWER: A

15. Which Organization Has Recently Launched A 'HaatiApp' In Assam

- A. Aaranyak
- B. Bombay Natural History
- C. WWF-India
- D. Vanashakti

ANSWER: A

16. Gabon Which Was Seen In The News, Is Located In Which Region

- A. Africa
- B. Europe
- C. Australia
- D. Asia

ANSWER: A

17. Asceua Tertia, Belongs To Which Species

- A. Spider
- B. Frog
- C. Fish
- D. Ant

ANSWER: A

18. Which Institute Issued An Advisory To Farmers To Control 'Fruit Rot Disease' In Arecanut Plantations

- A. Central Research Institute of Dryland Agriculture, Hyderabad
- B. Central Plantation Crops Research Institute, Kasaragod
- C. Central Institute for Arid Horticulture, Bikaner
- D. Central Soil Salinity Research Institute, Karnal

ANSWER: B

19. In Which Of Following Years, Rupee Became The Standard Coin In India

- A. 1806
- B. 1835
- C. 1852
- D. 1816

ANSWER: B

20. Who Among The Following Founded "National Herald"

- A. Bal Gangadhar Tilak
- B. Mahatma Gandhi
- C. Jawahar Lal Nehru
- D. Indira Gandhi

ANSWER: C