

DATE: 16 MAY 2026

## 1 Scheme to Promote Manufacturing of Sintered Rare Earth Permanent Magnets (REPM) (Source: The Hindu)

*It was launched in 2025 by the Union Government with the aim of establishing India's first domestic REPM manufacturing ecosystem with 6,000 MTPA (metric tonnes per annum) integrated capacity.*

- Ministry: Ministry of Heavy Industries
- Duration: 7 years
  - 2 years: facility setup (gestation period)
  - 5 years: incentive disbursement on sales

### Rare Earth Permanent Magnets

- They are a type of permanent magnet made from alloys of rare earth elements.
- Properties are exceptional magnetic strength, high energy density, and superior performance compared to other types of magnets.
- Applications are electric vehicles, renewable energy, electronics, aerospace, and defence sectors



## 2 Ebola (Source: The Hindu)

- **Origin of Name:** The virus is named after the Ebola river (Republic of Congo ) first outbreak in 1976.
- **Cause:** Ebola virus
- **Symptoms:**
  - **Early:** Fever, headache, muscle pain, sore throat.
  - **Advanced:** Vomiting, diarrhea, rash, organ failure, and internal/external bleeding.
  - **Incubation period:** 2-21 days.
- **Transmission:** Wild animals to humans, then humans to humans.
- **Diagnosis:** Blood tests (PCR, ELISA) and differential diagnosis to rule out similar diseases.



- **Treatment:**
  - Supportive care (rehydration, symptom management).
  - Monoclonal antibodies (e.g., Inmazeb, Ebanga) and experimental antivirals.
- **Prevention:**
  - Vaccination with Ervebo.
  - Use of PPE, safe burial practices, and public health awareness.



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## 3 Chabahar Port (Source: The Indian Express)

- It is a deep-water port located in Iran's Sistan-Baluchistan province.
- It is on the **Gulf of Oman** at the mouth of the **Strait of Hormuz**.
- It is the only Iranian port having direct access to the Indian Ocean.
- It is a key transit hub of the **International North South Transport Corridor (INSTC)**
- It is a joint initiative of India and Iran.



### International North South Transport Corridor (INSTC).

- INSTC is a multi-modal transportation route linking the Indian Ocean and the Persian Gulf to the Caspian Sea via Iran, and onward to northern Europe via Saint Petersburg in Russia.