

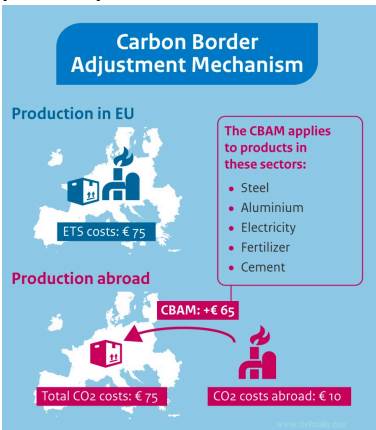


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9 January 2024

### International & National News

<p><b>DGCA revises duty norms for pilots</b></p>	<p><b>Context</b></p> <ul style="list-style-type: none"> <li>The <b>Directorate General of Civil Aviation (DGCA)</b> has revised the norms regulating their duty hours by <b>reducing night-time flying and enhancing weekly rest.</b></li> <li>This is being done following the concerns raised by pilots over mounting fatigue due to increased flying in a fast-growing domestic aviation market.</li> </ul> <p><b>About Directorate General of Civil Aviation</b></p> <ul style="list-style-type: none"> <li>The DGCA is an attached office of the <b>Ministry of Civil Aviation, Government of India.</b></li> <li>The DGCA is the <b>regulatory body in the field of Civil Aviation</b> and primarily deals with safety issues.</li> <li>The DGCA is responsible for regulating air transport services to/from/within India.</li> <li>The regulatory body is also <b>responsible for the enforcement of civil air regulations, air safety and airworthiness standards.</b></li> <li>It also coordinates all regulatory functions with the <b>International Civil Aviation Organisation (ICAO).</b></li> </ul>
<p><b>Carbon Border Adjustment Mechanism (CBAM)</b></p> 	<ul style="list-style-type: none"> <li>CBAM is part of the <b>“Fit for 55 in 2030 package”</b>, which is the EU’s plan to reduce greenhouse gas emissions by at least <b>55% by 2030</b> compared to 1990 levels in line with the European Climate Law.</li> <li>The CBAM is a policy tool <b>aimed at reducing Carbon Emissions</b> by ensuring that imported goods are subject to the same carbon costs as products produced within the EU.</li> </ul>
<p><b>Geographical Indications (GI) tag.</b></p>	<p><b>Context</b></p> <p>Recently, 17 products from across six States/Union Territories got the Geographical Indications (GI) tag.</p>



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### Key points

- A GI tag is a **sign used on products that have a specific geographical origin** and possess qualities or a reputation that are due to that origin.
- Every GI tag recognises a particular region and product and brings it to the public eye.

### List of recent 17 GI tags

- **Odisha** - Lanjia Saura paintings ,Dongaria Kondh shawl ,Khajuri Guda, Dhenkanal Magji, Similipal Kai Chutney,Koraput Kalajeera Rice
- **West Bengal** - Tangail Saree of Bengal,Garad silk sarees,Korial saree,Kalonunia Rice,Sundarban Honey:
- **Gujarat**- Kachchhi Kharek
- **Jammu Kashmir**- Ramban Anardana
- **Arunachal Pradesh**- Adi Kekir (Ginger),Handmade Carpets,Wancho Wooden Craft .

### New hit-and-run law protests

### Context

- Transporters and commercial drivers from States like Maharashtra, Chhattisgarh, West Bengal, and Punjab have staged protests against the recent legislation concerning hit-and-run incidents.
- **Section 106 (2) of the Bharatiya Nyaya Sanhita, 2023 (BNS)** stipulates a penalty of up to 10 years in jail and a fine for fleeing an accident spot and failing to report the incident to a police officer or a magistrate.
- This law is in addition to the colonial-era provision on causing of death due to rash or negligent acts under **Section 304A of the Indian Penal Code, 1860.**

**Think:** Learn about the reasons and concerns of protests.

### Golden Globes Award

### Context

- **Oppenheimer**, Christopher Nolan's drama about the inventor of the atomic bomb, topped the Golden Globes
- Oppenheimer took five prizes including best drama, best director for Nolan, best score, as well



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as acting trophies for **Cillian Murphy and Robert Downey Jr.**

### Superconductivity

- Superconductivity refers to a state in which a **material offers zero, or near-zero, resistance to electric current.**
- This phenomenon is observed in certain materials at very low temperatures, typically close to **absolute zero (-273.15°C or 0 Kelvin).**
- In superconductors, electrical resistance drops to virtually zero, allowing electric current to flow through them without any loss of energy due to resistance.