DAILY CURRENT AFFAIRS

09 - MARCH 2025



TNPSC

Group - I/IB/II/IIA

Prelims Cum Mains

Regular Batch



புதிய வகுப்புகள் ஆரம்பம்

- 🗲 தினசரி கேள்வி பதில் நேரம்
- > TNPSC தூத்திலான தேர்வுகள்
- > PYQ அடிப்படையிலான திருப்புதல் வகுப்புகள்
- **>** <u>ទិញ្ចាញ្ញាល្អ បារក្នុំទីញ់ថ្</u>រ ទិញបំរុប សលាចាប់
- > முதன்மைத் தேர்வுக்கான தினசரி எழுத்துப் பயிற்சி





♥ 95005 85211 / 93636 01008

CHINMAYA ACADEMY FOR CIVIL SERVICES ANNA NAGAR WEST, CHENNAI - 600 040.

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NATIONAL

Pashu Aushadhi Initiative

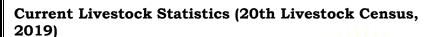
- · Government initiative for affordable veterinary medicines.
- Supports animal husbandry & dairy farmers.
- Inspired by PM Bharatiya Janaushadhi Kendras (PMBJK) for human medicine.

YA AGADEMY

IL SERVICES

Link to Livestock Health & Disease Control Programme (LHDCP)

- Part of revised LHDCP.
- **Budget:** ₹3,880 crore (2024-25 & 2025-26).
- ₹75 crore allocated specifically for Pashu Aushadhi.



- Total Livestock Population: 535.78 million.
- Bovine Population: 302.79 million.
- Common diseases affecting productivity:
 - o Foot & Mouth Disease (FMD)
 - Brucellosis

Operational Framework

- Managed by:
 - Cooperative societies.
 - o Pradhan Mantri Kisan Samriddhi Kendras (PMKSK).
- **Guidelines by**: Department of Animal Husbandry & Dairying.
- Ensures efficient distribution & accessibility.

Inclusion of Traditional Medicines

- **Ethnoveterinary medicines** will be available.
- Based on traditional knowledge & NDDB-identified formulations.

Focus on Disease Prevention

- Immunisation & medicine access to reduce disease incidence.
- Improves productivity & supports farmer livelihoods.

Pashu Aushadhi Initiative

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SCIENCE & TECHNOLOGY

Chandrayaan-3 Mission

Recent Findings

- Possible ice deposits beneath the Moon's surface, especially at the poles.
- Discovery made by analysing temperature data from the ChaSTE (Chandra's Surface Thermophysical Experiment) probe.
- Crucial for **future lunar exploration** and understanding the **Moon's geological history**.

Chandrayaan-3 Mission Overview

- **Launched by ISRO** from Bengaluru.
- Successfully landed on August 23, 2023, near the Moon's south pole.
- Landing site: 'Shiv Shakti Point' (69° S latitude).

Temperature Measurements by ChaSTE

- Recorded extreme temperature variations:
 - o Daytime: Up to 82°C
 - o Nighttime: As low as -170°C

AGRICULTURE

Genetically Modified (GM) Crops

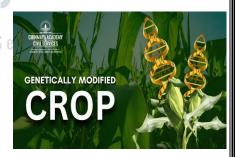
- Crops with altered genes using genetic engineering.
- Genes from other organisms inserted to enhance:
 - Yield
 - o Disease resistance
 - o Nutritional value
- **Bt Cotton** was the **only GM crop** approved for commercial cultivation in India until now.

About GM Mustard (DMH-11)

- India's first indigenously developed GM mustard.
- Developed by Delhi University.
- Hybridization:
 - o 'Varuna' (Indian variety) × 'Early Heera-2' (East European variety).

Genetic modification:

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Uses two genes, 'barnase' & 'barstar', from Bacillus amyloliquefaciens (bacterium).

• Yield Increase:

- o **28% higher** than the national average.
- o **37% higher** than local mustard varieties.

Role of the Genetic Engineering Appraisal Committee (GEAC)

- Regulatory body under: Ministry of Environment, Forest & Climate Change.
- Functions:
 - o Reviews environmental impact of GM crops & hazardous organisms.
 - o Approves field trials & commercial release of GM organisms.

Structure:

- o **24 members**, chaired by a senior official from the ministry.
- o Meets **monthly** to assess GM crop applications.

REPORTS

UN Women Report on Gender Equality (2025)

Key Findings of the Report

- Nearly 25% of governments reported backlash against gender equality.
- Released by UN Women on International Women's Day (March 8, 2025).
- Emphasized the **urgent need** to safeguard and advance **women's rights**.
- Report titled "Women's Rights in Review 30 Years After Beijing".

Violence Against Women

- 1 in 3 women faces physical/sexual violence in her lifetime.
- Technology-facilitated violence (online harassment) is a rising concern.
- 90% of countries have gender-based violence laws, but only 79% have action plans.

Political Representation

- Women hold **27% of parliamentary seats** globally (**up from 11% in 1995**).
- Gender quotas and special measures **help improve representation**.
- Majority of political seats still held by men.

Beijing+30 Action Agenda (Key Focus Areas)

- 1. Bridging the digital gender divide.
- 2. Freedom from poverty.

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- 3. Zero tolerance for violence.
- 4. Equal decision-making power.
- 5. Women's roles in peace & security.
- 6. Climate justice.

IMPORTANT DAYS

International Women's Day

- Celebrated annually on March 8.
- **Theme (2025)**: Yet to be announced (2024 theme was "Invest in Women: Accelerate Progress").

Historical Background

- Originated from women's labor movements in the early **20th century**.
- First observed in **1909 (USA)**; later recognized globally.
- UN officially adopted it in 1977.



CHINMAYA ACADEMY CIVIL SERVICES

(Coaching for Civil Services - IAS, IFS, IPS, IRS etc.)

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