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Panchayat Elections in Chhattisgarh

Why in News?

According to <u>the Chhattisgarh State Election</u> <u>Commission</u>, the state is going to conduct <u>elections for</u> <u>urban and panchayat bodies</u>, including municipal corporations, in February 2025.

Key Points

- > About the Election:
 - Elections for 173 civic bodies, including 10 municipal corporations, 49 municipal councils, and 114 Nagar Panchayats, will take place in a single phase on 11th February 2025.
 - The **three-tier** <u>Panchayat elections</u> will be held in three phases: 17, 20, and 23 February 2025.
 - With the announcement of the election schedule, the <u>model code of conduct</u> has come into effect for the civic and panchayat bodies.
- > Voting Method and Election Type:
 - Civic elections will be conducted using <u>Electronic</u> <u>Voting Machines (EVMs)</u>, while panchayat elections will use <u>ballot papers</u>.
 - Civic body elections will be held along party lines, while panchayat elections will be conducted on a no-party basis.

State Election Commissions (SECs)

- The State Election Commission has been entrusted with the function of conducting free, fair and impartial elections to the local bodies in the state.
- Article 243K(1): It states that the superintendence, direction and control of the preparation of electoral rolls for, and the conduct of, all elections to the Panchayats (Municipalities under Article 243ZA) shall be vested in a State Election Commission consisting of a State Election Commissioner to be appointed by the Governor.
- Article 243K(2): It states that the tenure and appointment will be directed as per the law made by the state legislature. However, the State Election Commissioner shall not be removed from his/her office except in like manner and on the like grounds as a Judge of a High Court.

Maoists Encountered in Indravati National Park

Why in News?

Security forces killed five <u>Maoists</u> during an encounter inside <u>Indravati National Park</u> in Chhattisgarh's Bijapur district.

Key Points

- > Operations in Indravati National Park:
 - Multiple security teams reached the Bandepara-Koranjed area, after receiving intelligence about Maoist activity.
 - Security forces identified the Maoists as members of <u>the People's Liberation Guerrilla Army (PLGA)</u> based on their uniforms.
- > Weapons Recovered:
 - Recovered items included a self-loading rifle, a barrel grenade launcher, a 12-bore gun, a Bharmar gun, explosives, and other weapons.

Indravati National Park

- > About:
 - o It is situated in the **Bijapur district of Chhattisgarh.**
 - It was established in 1981 and declared a tiger reserve in 1983 under India's Project Tiger.
 - It is named after <u>the Indravati River</u>, which flows from east to west and forms the reserve's northern boundary with Maharashtra.
- Vegetation:
 - Comprises three major forest types:
 - Moist Mixed Deciduous Forest with Teak.
 - Moist Mixed Deciduous Forest without Teak.
 - Southern Dry Mixed Deciduous Forest.
- > Flora:
 - Common tree species include teak, achar, karra, kullu, shisham, semal, haldu, arjun, bel, and jamun.
- > Fauna:
 - Hosts one of the last populations of **rare wild buffalo.**
 - Other species include <u>Nilgai, Black Buck</u>, Sambar, Gaur, <u>Tiger</u>, <u>Leopard</u>, Chital, Sloth Bears, and more.

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Forest Ecosystem and Green GDP

Why in News?

Recently, Chhattisgarh became the first state in India to link its forest ecosystem to the Green Gross Domestic Product (Green GDP).

> This approach highlights the economic and environmental value of forests, focusing biodiversity conservation and climate change mitigation.

Key Points

- > Goals and Design of the Action Plan:
 - o The plan ensures economic progress while preserving the environment for future generations.
 - o Key benefits like climate regulation, soil enrichment, water purification, and carbon absorption will now be integrated into the state's economic planning.
- Importance of Forest Resources in Chhattisgarh:
 - o With 44% of its land covered by forests, Chhattisgarh's natural resources are vital to millions.
 - Forest products such as **tendu leaves**, lac, honey, and medicinal plants significantly boost the rural economy.
 - Forests absorb carbon dioxide, playing a crucial role in combating climate change.
- Alignment with National Vision: \geq
 - o The initiative aligns with the Prime Minister's vision of a "Developed India 2047."
 - The plan emphasizes both the economic and environmental benefits of forests in budget planning and policy-making.
- Findings from ISFR Report:
 - The India State of Forest Report (ISFR) highlights a significant rise in forest and tree cover in Chhattisgarh, attributed to biodiversity protection and conservation efforts.
- > Cultural and Employment Significance:
 - o Forests in Chhattisgarh hold religious and cultural significance, deeply tied to tribal traditions and spiritual solace for local communities.
 - Forests contribute to employment through <u>eco-</u> tourism activities such as jungle safaris and camping in national parks.

- Ecosystem Services Valuation:
 - To quantify the economic value of forests, scientists will assess their ecosystem services, including:
 - Clean Air:
 - Quantifying CO2 absorption by trees and its conversion into oxygen.
 - Adding its market value to Green GDP.
 - Water Conservation:
 - Measuring the economic impact of water provided by forests through rivers and springs.
 - Biodiversity:
 - Valuing the role of forest fauna in maintaining ecological balance and aiding agriculture.

Green Gross Domestic Product (Green GDP)

- Traditional GDP: A measure of the annual value of goods and services produced within a country, GDP has been the global standard since 1944.
 - Simon Kuznets, the economist who created GDP, stated that GDP doesn't reflect a nation's true welfare, as it ignores factors like environmental health and social well-being.
- \succ Green GDP: It is a modified version of traditional GDP that accounts for the environmental costs of economic activities.
 - o It incorporates factors such as **natural resource** depletion, environmental degradation, and pollution into the economic output, offering a more comprehensive picture of a nation's true wealth.
- Need for Green GDP: Traditional GDP overlooks sustainability, environmental degradation, and social welfare. It focuses solely on economic output without considering the long-term consequences on the environment.
 - Green GDP, on the other hand, ensures that economic growth aligns with sustainable practices, reflecting the true cost of environmental damage and the depletion of natural resources.
- \triangleright Formula:
 - According to the World Bank, Green GDP = NDP (Net Domestic Product) – (Cost of Natural Resource Depletion + Cost of **Ecosystem Degradation**).

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- Where NDP = GDP Depreciation of Produced Assets.
 - **Cost of Natural Resource Depletion** refers to the value lost due to overuse of natural resources.
 - Cost of Ecosystem Degradation refers to the value lost from environmental damage such as pollution and deforestation.

Security Personnel Killed in Bijapur

Why in News?

Recently, an **improvised explosive device (IED)** planted by <u>Maoists</u> killed eight security personnel and a civilian in Chhattisgarh's Bijapur district.

Key Points

- > About the Incident:
 - The incident occurred when a joint-operation party was returning from an anti-Naxal operation in the <u>Abujhmad forests</u>.
 - The deceased included members of <u>the District</u> <u>Reserve Guard (DRG)</u> and <u>Bastar Fighters</u>, both <u>specialised forces</u> combating <u>left-wing extremism</u> in the Bastar region.

Government Response:

- The Union Home Minister expressed deep condolences, vowing to <u>eliminate Naxalism</u> by March 2026.
- Chhattisgarh Chief Minister condemned the act, attributing it to Naxalites' frustration with ongoing <u>counter-insurgency operations.</u>



- bomb designed to destroy or incapacitate targets, commonly used by criminals, terrorists, and insurgents in various forms.
- IEDs can be delivered through multiple means, including vehicles, placement by individuals, or roadside concealment, and gained prominence during the Iraq War that began in 2003.

	Common uses	Common form	Known IED use
High explosives			
Ammonium nitrate and fuel oil (ANFO)	Mining and blasting ²	Solid	Oklahoma City bombing
Triacetone Triperoxide (TATP)	No common uses; mixed from other materials	Crystalline solid	2005 bombings in London
Semtex, C-4	Primarily military	Plastic solid	Irish Republican Army bombings
Ethylene glycol dinitrate (EGDN)	Component of low- freezing dynamite	Liquid	Millennium Bomber, intended for Los Angeles airport, 1999
Urea nitrate	Fertilizer	Crystalline solid	World Trade Center 1993
Low explosive			
Smokeless powder	Ammunition	Solid	Olympic Park bombings





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Note:

Key Points	Details
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Summary

Key Points	Details

Summary