

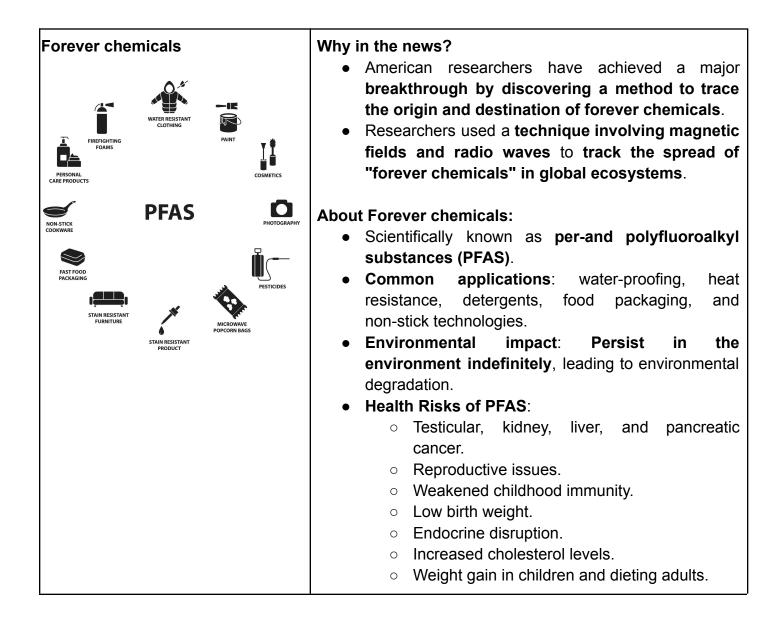




Daily Current Affairs Encyclopedia

17 August 2024

National and International News





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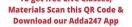
New Ramsar sites in India	 Why in the news? Recently, the Union Minister for Environment, Forest, and Climate Change announced that three additional wetlands from India have been added to the Ramsar sites list.
	New Ramsar sites in India:
	Nanjarayan Bird Sanctuary:
	 Location: Tamil Nadu
	 Historical Significance: Named after King
	Nanjarayan, who repaired and restored the
	lake centuries ago.
	Kazhuveli Bird Sanctuary:
	• Status: Declared the 16th bird sanctuary in
	Tamil Nadu in 2021.
	• Location: Tamil Nadu
	 Significance: One of the largest wetlands in peninsular India, rich in biodiversity.
	• Migratory Path: Lies in the Central Asian
	Flyway, serving as a crucial stopover for
	migratory birds.
	Tawa Reservoir:
	• Location: Largest protected area in Madhya
	Pradesh.
	 Construction: Built at the confluence of
	Tawa and Denwa rivers.
	• Significance: Located within the Satpura
	Tiger Reserve , forming the western boundary
	of Satpura National Park and Bori Wildlife
	Sanctuary.



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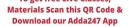
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Prerana Programme	 Why in the news? The Union Minister of Education recently engaged with students, teachers, parents from PM SHRI Schools, and alumni of the Prerana Programmes. About Prerana Programme: Launch Date: January 2024. Launched By: Union Education Ministry. Objective: Integration of Indian education system principles and value-based education as outlined in the National Education Policy (NEP) 2020. Target Audience: Selected students of Class IX to XII. Program Features: Experiential Learning: Best-in-class technology where heritage meets innovation. Student Selection: 20 students (10 boys and
	 value-Based Themes: The curriculum is rooted in 9 themes: Swabhiman and Vinay Shaurya and Sahas Parishram and Samarpan Karuna and Sewa Vividhta and Ekta Satyanishtha and Shuchita Navachar and Jigyasa Shraddha aur Vishwas Swatantrata and Kartavya Program Aim: To inspire youth and foster respect for Bharat's unity in diversity, embodying the spirit of "Vasudhaiva Kutumbakam."



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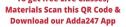


Gastrodia indica	 Why in the news? A unique orchid species, Gastrodia indica, was recently discovered in Sikkim's Fambonglho Wildlife Sanctuary. About Gastrodia indica: First Orchid from India that Never Opens Its Flower: The first cleistogamous species of the genus Gastrodia discovered from India, named Gastrodia indica. Habitat: Thrives in dense, rotten leaf litter associated with trees like Magnolia doltsopa, Acer campbelli, and Quercus lamellose. Contribution to Botanical Diversity: The discovery of Gastrodia indica increases the total number of Gastrodia species in India to 10. Conservation Concerns: Faces potential threats due to its limited population and specific habitat requirements.
Prokaryotes	 Why in the news? Scientists have discovered that prokaryotes are highly resilient to climate change, which may lead to their increased dominance in marine environments. About Prokaryotes: Single-Celled Organisms: Prokaryotes are single-celled organisms that lack a distinct nucleus and other membrane-bound organelles. Cell Organisation: Basic structural components include a cell wall (absent in mycoplasma), cytoplasm, and a plasma membrane.



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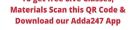


 They lack a well-defined nucleus. **Historical** Significance: Prokaryotes • are considered to be the oldest cell-based lifeforms on Earth. Habitat: • They thrive across the entire planet, **both on** land and in water. • They are **found in** environments ranging from the tropics to the poles. Ecological Significance: Prokaryotes play a crucial role in the world's food chains, supporting the nutrient needs of fish consumed by humans.









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