



06 June 2024

National and International News

<p>Tele MANAS</p>	<p>Why in the news?</p> <ul style="list-style-type: none"> • A Memorandum of Understanding (MoU) was signed between the Ministry of Health and Family Welfare (MoHFW) and the Ministry of Defence (MoD) to collaborate on operating a special cell of Tele MANAS. <p>Key points:</p> <ul style="list-style-type: none"> • Full Form: Tele Mental Health Assistance and Networking Across States. • Launch Date: October 10, 2022 (World Mental Health Day). • Objective: To provide mental health support and care through telecommunication. • Ministry: Ministry of Health and Family Welfare. • Target Audience: Individuals experiencing mental health issues across India, especially in remote and underserved areas. • Accessibility: Available via a toll-free helpline number (14416) and a mobile app.
<p>TRISHNA mission</p>	<p>Why in the news?</p> <ul style="list-style-type: none"> • ISRO announced details of its collaboration with the French national space agency CNES for the upcoming TRISHNA mission. <p>About TRISHNA mission:</p> <ul style="list-style-type: none"> • TRISHNA stands for Thermal infraRed Imaging Satellite for High-resolution Natural resource Assessment. • Purpose: The mission aims to monitor water usage and management, surface temperature, and vegetation stress by capturing high-resolution thermal infrared images. • Launch Year: The mission is planned to be launched in 2024. • Orbit: TRISHNA will be placed in a low Earth orbit (LEO) to provide detailed data on a global scale. • Applications: <ul style="list-style-type: none"> ○ Agriculture: Monitoring crop health, irrigation practices, and water stress.



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	<ul style="list-style-type: none"> ○ Water Resources: Assessing and managing water bodies, including lakes and rivers. ○ Urban Planning: Analyzing urban heat islands and helping in urban planning. ○ Climate Studies: Contributing to climate change research by providing accurate surface temperature data. ● Data Resolution: The satellite aims to provide data with a spatial resolution of 50 meters and revisit every three days.
None Of The Above (NOTA)	<p>Why in the news?</p> <ul style="list-style-type: none"> ● The "None of the Above" (NOTA) option has become the runner-up in Madhya Pradesh's Indore constituency, receiving a record-breaking 2,18,674 votes, the highest-ever tally for NOTA. <p>About NOTA:</p> <ul style="list-style-type: none"> ● The concept of None Of The Above (NOTA) allows voters to reject all candidates in an election. ● Implementation in India: <ul style="list-style-type: none"> ○ NOTA was first used in the 2013 Assembly elections in five states: Chhattisgarh, Mizoram, Rajasthan, Delhi, and Madhya Pradesh. ○ It was subsequently used in the 2014 General Elections. ○ The introduction of NOTA followed a 2013 Supreme Court directive in the PUCL vs. Union of India case. ● Purpose: <ul style="list-style-type: none"> ○ To provide voters with a choice to not vote for any of the candidates listed. ○ Encourages participation from voters who are dissatisfied with all available candidates.
Gulf Cooperation Council (GCC)	<p>Why in news?</p> <ul style="list-style-type: none"> ● The United States and the Gulf Cooperation Council (GCC) have announced a new phase of defense working groups, to be established in Saudi Arabia. ● This initiative aims to enhance US-GCC cooperation and integrate missile defense systems to counter shared air and maritime threats. <p>About GCC:</p> <ul style="list-style-type: none"> ● Establishment: Founded on May 25, 1981.

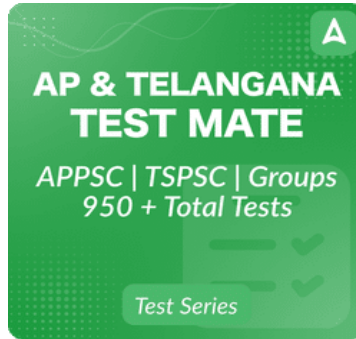


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	<ul style="list-style-type: none"> ● Member Countries: Saudi Arabia, Kuwait, the United Arab Emirates, Qatar, Bahrain, and Oman. ● Headquarters: Riyadh, Saudi Arabia. ● Objective: <ul style="list-style-type: none"> ○ To promote cooperation between the six states in economic, security, cultural, and social sectors. ○ Additionally, an annual summit is held to discuss regional affairs and enhance collaboration.
<p>Neo</p>	<p>Why in the news?</p> <ul style="list-style-type: none"> ● Recent research has discovered a novel protein named "Neo," which plays a crucial role in bacterial defense mechanisms against viral infections, particularly bacteriophages. <p>About Neo:</p> <ul style="list-style-type: none"> ● Researchers Stephen Tang and Samuel Sternberg, while working on Klebsiella pneumoniae, reported the discovery of 'Neo' in a 2023 preprint paper on bioRxiv. ● 'Neo' represents a potential biotechnological tool for controlling viral infections.



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