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ADDAPEDIA

Daily Current Affairs Encyclopedia

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National and International News

Tele MANAS

Why in the news?

- 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**.

Key points:

- **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.



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TRISHNA mission

Why in the news?

- **ISRO** announced details of its **collaboration with the French national space agency CNES** for the upcoming **TRISHNA mission**.

About TRISHNA mission:

- **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:**
 - **Agriculture:** Monitoring crop health, irrigation practices, and water stress.
 - **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.



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None Of The
Above (NOTA)

Why in the news?

- 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.

About NOTA:

- The concept of None Of The Above (NOTA) **allows voters to reject all candidates** in an election.
- **Implementation in India:**
 - 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 **PUCI vs. Union of India** case.
- **Purpose:**
 - 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.



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<p>Gulf Cooperation Council (GCC)</p>	<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.• 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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