24 Jun 2022: PIB Summary for UPSC

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1. BRICS Summit

Syllabus: GS-2, International Relations; Bilateral, regional and global groupings and agreements involving India

Prelims: About BRICS

Mains: Key takeaways from the 14th BRICS Summit

Context:

The 14th BRICS Summit was held under the Chairship of President Xi Jinping of China in a virtual format.

Details:

- The leaders held discussions on the fields of Counter-Terrorism, Trade, Health, Traditional Medicine, Environment, Science, Technology & Innovation, Agriculture, Technical and Vocational Education & Training, and also key issues in the global context, including the reform of the multilateral system, COVID-19 pandemic, global economic recovery, amongst others.
- PM Modi called for strengthening the BRICS identity and proposed the establishment of an Online Database for BRICS documents, the BRICS Railways Research Network, and strengthening cooperation between MSMEs.
- The Prime Minister also noted that the BRICS members should understand the security concerns of each other and provide mutual support in the designation of terrorists and this sensitive issue should not be politicized.
- At the conclusion of the Summit, BRICS Leaders adopted the 'Beijing Declaration'.

2. Centre for Development of Telematics (C-DOT)

Syllabus: GS-3, Science & Technology, Indigenization of technology and developing new technology.

Prelims: C-DOT

Mains: Significance of the agreement of developing end-to-end 5G Radio Access Network (RAN)

Context:

C-DOT signs agreement with Galore Networks for collaborative development of end-to-end 5G Radio Access Network (RAN) products & solutions.

Significance of the agreement:

- This collaborative approach based on achieving synergy and harmony amongst multiple ecosystem partners will facilitate the evolution of mutually productive and sustainable alliances.
- This will act as a catalyst resulting in **indigenous design, development, manufacturing and deployment of cost-effective 5G products and solutions**.
- This will bring the technical competencies and complementary strengths of Indian R&D and industry into a single unified platform leading to the creation of indigenous Intellectual Property (IP) assets that can generate new avenues for wider reach and commercialization of home-grown technologies at the global level.

About C-DOT:

- The Centre for Development of Telematics (C-DOT) is the premier R&D centre of the Department of Telecommunications, Ministry of Communications, Government of India.
- C-DOT has indigenously designed and developed various cutting-edge Telecom technologies spanning Optical, Switching & Routing, Wireless, Security and a host of Telecom Software applications.
- C-DOT has developed its indigenous 4G solution and is keenly working in the area of 5G.

Additional information:

Galore Networks, established in 2013 and headquartered in Bengaluru, is developing carrier-grade products and services for global communication service providers, enterprises and critical infrastructure and vertical market segments.

3. VL-SRSAM

Syllabus: GS-3, Security

Prelims: About VL-SRSAM

Context:

Vertical Launch Short Range Surface to Air Missile successfully flight-tested by [DRDO](link) & Indian Navy off Odisha coast.

About VL-SRSAM:

- The VL-SRSAM, a ship-borne weapon system, is meant for neutralising various aerial threats at close ranges including sea-skimming targets.

Read more on [surface-to-air missiles](link) in the link.

4. Pradhan Mantri Awas Yojana-Urban

Syllabus: GS-2, Govt schemes, Social Justice; Welfare schemes for vulnerable sections of the population

Prelims: Pradhan Mantri Awas Yojana-Urban

Mains: Significance of Pradhan Mantri Awas Yojana-Urban (PMAY-U)

Context:

Seven years of Pradhan Mantri Awas Yojana-Urban (PMAY-U) observed.

Details:

- With a total investment of ₹ 8.31 Lakh Crores, PMAY-U has so far sanctioned 122.69 lakh, out of which more than 1 crore houses have been grounded and over 61 lakh houses have been completed and delivered to the beneficiaries.

Know more about the [Pradhan Mantri Awas Yojana](link) in the link.

Image source: PIB

5. Bharat NCAP

Syllabus: GS-2, Governance; Government policies and interventions for development in various sectors

Prelims: Bharat NCAP (New Car Assessment Program)

Context:

Union Minister has approved the Draft GSR Notification to introduce Bharat NCAP (New Car Assessment Program), wherein automobiles in India shall be accorded Star Ratings based upon their performance in Crash Tests.

Significance:

- The initiative will serve as a consumer-centric platform allowing customers to opt for safer cars based on their star ratings while promoting healthy competition among OEMs in India to manufacture safer vehicles.
- The testing protocol of Bharat NCAP shall be aligned with Global Crash Test Protocols factoring in the existing Indian regulations, allowing OEMs to get their vehicles tested at India's own in-house testing facilities.