

02 – 03 – 2022

News: Ayushman Bharat Digital Mission (ABDM)

National Digital Health Mission (NDHM)

- The National Digital Health Mission (NDHM) is launched by **Ministry of Health and Family Welfare**.
- The **issue of a digital health card** is the important feature of NDHM.
- Every **test, disease, diagnosis and medical report along with medicines will be stored in citizen's health ID**.
- NDHM comes under Ayushman Bharat – Pradhan Manthri Jan Arogya Yojana.
- **National Health Authority (NHA)**, under **Ministry of Health and Family Welfare** will design, roll-out and implement the NDHM.
- NHA is also the implementing agency of Ayushman Bharat – Pradhan Manthri Jan Arogya Yojana.
- It is a major stride towards achievement of the **United Nations Sustainable Development Goal 3.8 of Universal Health Coverage**, including financial risk protection.
- The scheme was **first implemented in Union Territories of Chandigarh, Ladakh, Dadra and Nagar Haveli and Daman and Diu, Puducherry, Andaman and**

Nicobar Islands and Lakshadweep. Now, it has been expanded to every state in India.

- It is a **voluntary scheme.**
- Ayushman Bharat **Digital Mission Sandbox**, created as a part of the Mission, will act as a framework for technology and product testing that will help organizations, including private players, intending to be a part of National Digital Health Ecosystem become a Health Information Provider or Health Information User or efficiently link with building blocks of Ayushman Bharat Digital Mission.
- This Mission will **create interoperability within the digital health ecosystem**, similar to the role played by the Unified Payments Interface in revolutionizing **payments**. Citizens will only be a click-away from accessing healthcare facilities.

Components of NDHM

- **Health ID (HID):** The NDHM envisages creating a national health ID for every India. Every patient who wishes to have their health records available digitally must start by creating a Health ID.

- **Patient Health Record (PHR):** A PHR is an electronic record of health-related information on an individual that conforms to nationally recognized interoperability standards.
- **Electronic medical record (EMR) web app:** An EMR is best understood as a digital version of a patient's chart. It contains the patient's medical and treatment history from a SINGLE health facility.
- **Digi Doctor Platform (Doctor's Directory):** A single, updated repository of all doctors enrolled in nation with all the relevant details of the doctors.
- **Health Facility Registry:** **Healthcare Professionals Registry and Healthcare Facilities Registries will act as a repository of all healthcare providers** across both modern and traditional systems of medicine. This will ensure ease of doing business for doctors and hospitals and healthcare service providers.

News: Project 15 –B

- Recently, the India-made stealth guided-missile destroyer INS Visakhapatnam was formally affiliated to the Visakhapatnam port.

Project-15B

- Project-15B is the **Destroyer series of Vishakhapatnam class of stealth guided missile destroyers constructed using indigenous steel DMR 249A.**

- It is amongst the largest destroyers constructed in India.
- India's indigenous Destroyer construction programme commenced in the late 1990s with the three Delhi class (P-15 class) warships and this was followed by three Kolkata class (P-15A) destroyers commissioned a decade later.
- Presently, under the P-15B (Visakhapatnam Class), a total of four warships are planned (Visakhapatnam, Mormugao, Imphal, Surat).
- The Destroyers come next only to an Aircraft Carrier (INS Vikramaditya) in terms of their reach and endurance.

Project-15B

- Four Guided missile Destroyers of Project 15B (P 15B) are under construction at M/s Mazagaon Dock Shipbuilders Limited, Mumbai. The contract for construction of these four ships was signed in 2011.
- These ships are amongst the most technologically advanced Guided Missile Destroyers of the world, with state-of-the-art weapon/sensor package, advanced stealth features and a high degree of automation.
- Of these, first ship of the class INS Vishakhapatnam, has been commissioned to the Indian Navy on 21st November 2021.

Features of the P-15B Ships

- These ships are equipped with BrahMos supersonic cruise missiles and long range Surface-to-Air Missiles (SAM).
- The ship has several indigenous weapons systems like medium range Surface-to-Air Missile (SAMs), indigenous torpedo tube launchers, anti-submarine indigenous rocket launchers and 76-mm super rapid gun mount.

Other Three Ships of Project 15B

- The second ship of P15B Mormugao was launched in 2016 and is being readied for harbour trials.
- The third ship (Imphal) was launched in 2019, and is at an advanced stage of outfitting.
- The fourth ship (Surat) is under block erection and will be launched within this current financial year (2022).

Role of P-15B

- The Indian Navy's responsibilities to safeguard a large coastline of 7516 Kms and about 1100 offshore islands along with 2.01 million km² Exclusive Economic Zone (EEZ) have been enhanced in the present geopolitical scenario.

- Destroyers like the P-15B class shall play an important role in the larger oceans of the Indo-Pacific, making the Indian Navy a potent force.
- The **guided missile Destroyers** are deployed for various responsibilities like **escort duties with the Carrier Battle Group to protect the Naval fleet** against any air, surface and underwater threats.

News: International Intellectual Property Index

International Intellectual Property Index

- International Intellectual Property Index is an **annual index published by US Chambers of Commerce.**
- The Index maps the IP ecosystem in **53 global economies, representing over 90% of global Gross Domestic Product.**
- The Index evaluates the IP framework in each economy across **50 unique indicators** which industry believes represent economies with the most effective IP systems.
- The indicators create a snapshot of an economy overall IP ecosystem and span nine categories of protection: **Patents, Copyrights, Trademarks, Design Rights, Trade Secrets, Commercialization of IP Assets, Enforcement, Systemic Efficiency, Membership And Ratification Of International Treaties.**

- In the year 2022, India was ranked 43rd out of 55 economies, which was topped by United States of America.

News: Exercise Dharma Guardian

- The Joint Military Exercise “Exercise Dharma Guardian-2022”, between India and Japan is ongoing at foreign training node, Belagavi (Belgaum, Karnataka) from 27th February to 10th March 2022.

Exercise Dharma Guardian-2022

- Exercise Dharma Guardian-2022 is an annual training event which is being conducted in India since 2018.
- The scope of this exercise covers platoon level joint training on operations in jungle and semi urban/urban terrain.
- The joint exercise schedule includes house interventions drills, raid on terrorist hideouts in semi urban terrain, combat first aid, and unarmed combat & close quarter combat firing where both sides will jointly train, plan and execute a series of well-developed tactical drills for neutralisation of likely threats.
- Special emphasis is being laid on enhancing tactical skills to fight global terrorism and on enhancing inter-operability between the forces and to promote Army to Army relations.

Other Military exercises with Japan

- Malabar (along with Japan, US and Australia also participate in the exercise).
- Japan – India Maritime Exercise –JIMEX (Naval Exercise)
- SHINYU Maitri (Air Force exercise)

News: Investments via P –note drop to ₹87,989 cr.

- Investments in capital market through participatory notes (P –notes) dropped to ₹87,989 crore at the end of January. Experts believe that foreign investors will continue with their negative stance amid Ukraine crisis.

Participatory notes (P-notes)

- Participatory Notes are also known as **Overseas Derivative Instruments, Equity Linked Notes, Capped Return Notes, and Participating Return Notes** etc.
- In January 2014 when the Indian securities market regulator, **SEBI** issued the new Regulations for Foreign Portfolio Investors, **participatory notes got formally defined** under the tag "Offshore Derivative Instrument" (ODIs) in Section 2(1) (j) of the said regulation.
- As per this definition, **participatory notes or ODIs are issued by selected foreign portfolio investors (which is a broad category also including FIIs. Hence, Regulation excludes certain category of Foreign portfolio investors, like**

individuals, from issuing the PNs) against securities held by it that are listed or proposed to be listed on any recognized stock exchange in India.

- Participatory notes (P-notes) are issued by registered foreign portfolio investors (FPIs) to overseas investors who wish to be a part of the Indian stock market without registering themselves directly after going through a due diligence process.
- Such Foreign Portfolio Investor must be registered with the Securities and Exchange Board of India (SEBI).
- P-Notes are Offshore Derivative Investments (ODIs) with equity shares or debt securities or even an index as underlying assets.
- They provide liquidity to the investors as they can transfer the ownership by endorsement and delivery.
- While the FIIs have to report all such investments each quarter to SEBI, they need not disclose the identity of the actual investors.
- The investor in PN does not own the underlying Indian security, which is held by the FII who issues the PN.
- Thus the investors in PNs derive the economic benefits of investing in the security without actually holding it. They benefit from fluctuations in the price of the underlying security since the value of the PN is linked with the value of the underlying Indian security.

- The PN holder also does not enjoy any voting rights in relation to security/shares referenced by the PN.