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Important Facts For Prelims (26th March 2019)

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Trade Receivables e-Discounting System (TReDS)

- In the recently concluded **FinTech Conclave-2019**, the Reserve Bank of India Governor termed Invoice trading as another nascent area of fintech application in India.
- The RBI has set up the **Trade Receivables Discounting System (TReDS)**, a financing arrangement where technology is leveraged for discounting bills and invoices which **assists Micro, Small, and Medium Enterprises (MSMEs)** to deal with working capital and cash flow problems due to delayed payments.

Trade Receivables Discounting System (TReDS)

- It is an institutional setup for facilitating the **financing of trade receivables of MSMEs** from corporate and other buyers, including Government Departments and Public Sector Undertakings (PSUs), through multiple financiers.
- It has been set up under the **regulatory framework set up by RBI under Payment and Settlement Systems Act 2007**.

AUSINDEX- 2019

- India and Australia will participate in the **third edition of the biennial "AUSINDEX"** exercise that will be held from April 2 to 16 off the coast of **Visakhapatnam, Andhra Pradesh**.
- Focus of the AUSINDEX exercise will be **"anti-submarine warfare"**. This will be **Australia's largest display of its defence assets** since 1947.
- Another interesting feature of the exercise will be the **deployment of Australian personnel on Indian ships and vice versa**.
- The AUSINDEX-2019 will be held as a part of **Australia's Indo-Pacific Endeavour 2019** which will see Australia conducting naval exercises with **7 countries in south and southeast Asia** apparently to increase its profile as a **security provider in the Indian Ocean**.

- The **first edition of AUSINDEX** was held in 2015 off the eastern coast of India, while the **second edition** was conducted off the Western coast of Australia in the year 2017.

GRAPES-3

- **GRAPES-3 muon telescope** has measured the electrical potential, size and height of a thundercloud that passed overhead on December 1, 2014.
- **GRAPES-3 (Gamma Ray Astronomy PeV EnergieS phase-3)** is designed to study cosmic rays with an array of **air shower detectors and a large area muon detector**.
Muon is an elementary particle **similar to the electron**, with an **electric charge of $-1 e$** and a **spin of $1/2$** , but with a much greater mass.
- The GRAPES-3 experiment **located at Ooty in India** started as a collaboration of the **Tata Institute of Fundamental Research, Mumbai, India** and the **Osaka City University, Osaka, Japan**.

Chinook Helicopter

- Indian Air Force **formally inducted the CH 47 F(I)- Chinook heavy lift helicopters into its inventory**.
- IAF had signed a **contract with M/s Boeing** Ltd in September 2015 for **15 Chinook helicopters**. These helicopters will be deployed in the Northern and Eastern regions of India.
- The addition of heavy-lift CH 47 F(I) helicopter is a significant step towards modernization of Indian Air Force's helicopter fleet.
- The helicopter has been customized to suit IAF's future requirements and capability roadmap. The helicopter has a fully integrated digital cockpit management system, advanced cargo handling capabilities and electronic warfare suite that complement the aircraft's performance.
- The helicopter is capable of **airlifting diverse military and nonmilitary loads into remote locations**.



<https://youtu.be/TTZZgLf800>