Prelim Bits 29-12-2017

Advanced Air Defence (AAD)

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- Ballistic Missile Defence (BMD) is a two tired defence shield which aims to destroy enemy ballistic missiles.
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- The BMD consists of two interceptor missiles, the Prithvi Defence Vehicle (PDV) and the Advanced Area Defence (AAD) missile.
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- PDV/Pradyumna Ballistic Missile Interceptor is capable of destroying missiles at exo-atmospheric (high) altitudes of 50–80 km.
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- PDV is a two stage supersonic missile fuelled by solid motor in 1^{st} stage and liquid fuelled in 2^{nd} stage.
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- AAD/Ashvin Advanced Defense interceptor is capable of destroying missiles at endo-atmosphere (low) altitudes of 15-30 kilometers.
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- AAD is a single-stage supersonic solid fuelled interceptor missile.
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- The Ballistic Missile Defence shield is expected to be achieved by 2022.
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- AAD was recently successfully test-fired from a test range in Odisha.
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Clean Authority of Telangana

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- Telangana government is set to introduce “Clean Authority of Telangana” to deal with solid waste, waste water and polluted air in all the urban areas across the State.
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- It is an exclusive authority modeled on the lines of a similar body in Japan.
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- It will ensure enforcement of measures aimed at containing the harm caused

through solid waste, waste water and polluted air to human health.
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LDF -Mobile App

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- Union Ministry of Agriculture has launched Livestock Disease Forewarning –Mobile Application (LDF-Mobile App).
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- The app is developed by ICAR to provide early warning about diseases like Foot-and-mouth disease (FMD), Brucellosis etc.
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- It will also provide information about clinical samples for the diagnosis in case of the epidemic.
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- It will be beneficial for the consumers and stakeholders engaged in disease control programmes.
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The Indian Institute of Petroleum and Energy Bill, 2017

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- Parliament has recently passed “The Indian Institute of Petroleum and Energy Bill, 2017”.
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- The Bill establishes the Indian Institute of Petroleum and Energy, Vishakhapatnam, Andhra Pradesh.
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- The Institute aims to provide high quality education and research focussing on the themes of petroleum, hydrocarbons and energy.
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- The Institute is required to maintain a fund which will be credited with the funds that it receives from the central government, fees and money received from any other sources (grants and gifts).
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- The accounts of the Institute shall be audited by the Comptroller and Auditor- General of India.
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- The bill declares the Institute as an Institution of National Importance (INI).
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Home Ministry’s Directive to NGOs

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- The Home Ministry has recently directed all NGOs, business entities and individuals who receive funds from abroad to open accounts in any of the 32 designated banks.
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- The banks are integrated with Public Financial Management System (PFMS).
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- The directive is issued under the powers conferred upon the central government under the Foreign Contribution (Regulation) Act 2010.
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- It is expected to provide a higher level of transparency and hassle-free reporting compliance.
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Public Financial Management System (PFMS)

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- PFMS, earlier known as Central Plan Schemes Monitoring System (CPSMS), is a web-based online software application.
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- It is launched with the objective of tracking funds released under all Plan schemes of GoI, and real time reporting of expenditure at all levels of Programme implementation.
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- It is integrated with the Core banking system which helps to monitor the flow of funds.
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- It has been envisaged that digitization of accounts shall be achieved through PFMS.
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- It is developed and implemented by the Office of Controller General of Accounts.
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FAME II

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- FAME India Scheme [Faster Adoption and Manufacturing of (Hybrid &) Electric Vehicles in India] was launched in 2015.
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- Its objective is to support hybrid/electric vehicles market development and Manufacturing eco-system.
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- The phase I of FAME expires on March 31, 2018.
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- In phase II, the government is targeting a fully (100%) electric fleet for public transport, including buses, taxis and auto-rickshaws.
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- The FAME India Scheme is aimed at incentivising all vehicle segments i.e. 2 Wheeler, 3 Wheeler Auto, Passenger 4 Wheeler Vehicle, Light Commercial Vehicles and Buses.
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- It has 4 focus areas i.e. Technology development, Demand Creation, Pilot Projects and Charging Infrastructure.
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Source: The Hindu, PIB

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