Prelim Bits 24-03-2018

N- TB App

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- N-TB is a mobile phone-based nutrition assessment and counseling application, was unveiled in the recently concluded TB summit.
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- N-TB is endorsed by the RNTCP and the World Health Organization (India).
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- The app, that is to be launched on World TB day (March 24), allows healthcare workers to calculate the right Body Mass Index and nutrition levels.
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- It is based on the Revised National Tuberculosis Control Program (RNTCP) released Guidance Document on nutritional care and support for patients with tuberculosis in India.
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- The Center for Nutrition Studies, Yenepoya University,Mangalore provided the content for the app and it was developed with technical support from McGill International TB Centre, Montreal.
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- The theme for this year World TB day is **'Wanted: Leaders for TB-free world'.**
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National Vector Borne Disease Control Program (NVBDCP)

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- As per Global Burden of Disease Study, 2013 Visceral Leishmaniasis (Kala Azar) was the second largest Neglected Tropical Diseases causing mortality.
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- NVBDCP, which is a part of the National Health Mission, plays a crucial role in the Kala azar elimination.
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- Kala-azar elimination project is being implemented in four endemic States

namely Bihar, Jharkhand, Uttar Pradesh and West Bengal.
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- Directorate of National Vector Borne Disease Control Program (NVBDCP) is the central nodal agency for the prevention and control of following vector borne diseases
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1. Malaria
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2. Dengue
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3. Filariasis
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4. Kala Azar
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5. Chikungunya
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6. Japanese encephalitis
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- It is one of the Technical Departments of Directorate General of Health Services, Ministry of Health and Family welfare.
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State of Climate Report 2017

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- The report is released by World Meteorological Organization (WMO).
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- The report said that weather and climate disasters cost countries about $320 billion last year.
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- It also observed major monsoon floods in the Indian subcontinent and severe droughts in parts of East Africa contributing to making **2017 the most expensive year on record.**
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- The North Atlantic hurricane season was the costliest ever for the U.S.
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- While the hurricanes such as Irma, Harvey eradicated decades of development gains in small islands in the Caribbean, such as Dominica.
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- The report also noted that two significant cyclones in North Indian Ocean- Mora and Ockhi- caused potential damage.
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UIDAI

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- The Unique Identification Authority of India (UIDAI) is a statutory authority established under the provisions of the Aadhaar (Targeted Delivery of Financial and Other Subsidies, Benefits and Services) Act, 2016.
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- It is under the Ministry of Electronics and Information Technology (MeitY).
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- Prior to its establishment as a statutory authority, UIDAI was functioning as an attached office of the then Planning Commission (now NITI Aayog).
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- UIDAI was created with the objective to issue Unique Identification numbers (UID), named as "Aadhaar", to all residents of India.
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- UIDAI is responsible for
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- Aadhaar enrolment and authentication, including operation and management of all stages of Aadhaar life cycle,
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- Developing the policy, procedure and system for issuing Aadhaar numbers to individuals and perform authentication
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- Ensuring the security of identity information and authentication records of individuals.
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- Aadhaar number is a **12-digit random number issued by the UIDAI** to the residents of India after satisfying the verification process laid down by the

Authority.
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Okhala Bird Sanctuary

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- Minister of Environment, Forest and Climate Change laid the foundation Stone for Redevelopment and up gradation of Okhala Bird Sanctuary to mark the International Day of Forest.
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- It is situated at a point where river Yamuna enters in the state of utter Pradesh leaving the territory of Delhi.
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- Okhla Bird Sanctuary is one of the Important Bird Areas (IBA) of the country.
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- The bird species of thorny scrub, grassland and wetland are seen in the sanctuary due its unique positioning.
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- The wetland in the sanctuary was formed due to the creation of Okhala Barrage.
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- It is home to a large number of resident, as well as migratory birds like grey-headed fish eagle, Baikal teal, Baer’s pochard and Sarus crane.
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- The sanctuary, belonging to the State of Uttar Pradesh, has an area of 400 ha, out of which 120 ha falls within the National Capital Region of Delhi.
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Research Centre Imarat (RCI)

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- The indigenous seeker technology in the recently tested BrahMos Missile was developed by the RCI.

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- RCI is situated in Hyderabad in the state of Telegana.
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- RCI has been considered as **'Avionics Hub'** of DRDO.
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- It is one of the three DRDO Labs of **'Missile Complex'**
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- RCI is a leading laboratory of Defense Research Development Organization (DRDO) which is responsible for development of missile system
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- It is also responsible for design, development and participation in production of missile avionics like Inertial Navigation Systems, Control Systems, Imaging Infrared Seeker, Radio Frequency Seeker and Power Supply System.
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- Telemetry and Telecommand systems are also developed in RCI to evaluate missile performance during its development phase.
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- RCI focus is to design and develop world class, State-of-the-art missile technologies which will produce precise and reliable indigenous weapon systems to strengthen country’s Armed Forces.
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Source: PIB, The Hindu, Bussinessline

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