

## **Prelim Bits 22-08-2018**

### **TRIFED**

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- Tribal Cooperative Marketing Development Federation of India Limited (TRIFED) has made record procurement of tribal products during the current financial year.

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- There is an increase of 511% in procurement in comparison to the corresponding period of the last financial year.

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- It is a national level apex organization functioning under the administrative control of Ministry of Tribal Affairs.

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- The objective of TRIFED is socio-economic development of tribal people by undertaking marketing development of the tribal products.

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- It serves the interest of Tribal people by ensuring better remunerative price for their Minor Forest Produce and tribal art and handicraft products.

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- It is also engaged in skill up gradation and capacity building to develop the marketing of Minor Forest Produce.

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- Its approach involves exploring marketing possibilities for products in national as well as international markets, brand building & creating opportunities for marketing on sustainable basis.

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### **Holocene Epoch**

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- The Holocene Epoch is the current period of geologic time.

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- It refers to the last 11,700 years of the Earth's history, the time since the end of the last major glacial epoch, or "ice age."

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- Another term that is sometimes used is the Anthropocene Epoch or “The Age of Man”.
- The International Commission on Stratigraphy (ICS) had divided this Epoch in to three ages - Greenlandian, Northgrippian and Meghalayan which began at 11,700 year, 8200 year and 4200 year points.
- There are controversies over this newly designated geological age, though the stratification by ICS is official.

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### **International Commission on Stratigraphy (ICS)**

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- ICS is a body of geological timekeepers and is the largest and oldest constituent scientific body in the International Union of Geological Sciences (IUGS).
- Its primary objective is to precisely define global units (systems, series, and stages) which are basic for the units (periods, epochs and age) of the International Geological Time Scale.
- It sets global standards for the fundamental scale for expressing the history of the Earth.

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### **Presence of Water in the Moon**

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- Scientists have found frozen water deposits in the Moon’s polar region using data from the Chandrayaan-1 spacecraft.
- The ice deposited on the surface would possibly acts as a resource for future expeditions to explore Moon.
- Scientists used NASA’s Moon Mineralogy Mapper (M3) instrument aboard Chandrayaan-1 spacecraft to confirm the presence of solid ice using specific signatures.

- This is not the first time that evidence of water has been found on the Moon.  
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- In 2009, observations of NASA's EPOXI spacecraft showed the evidence of presence of water across the lunar surface.  
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- After 2009, the data from ISRO's hyperspectral imager aboard Chandrayaan-1, supplemented the evidence.  
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- The recent finding shows that water ice lies in the shadows of craters in the Moon's polar region, where the warmest temperatures never reach above -250<sup>0</sup>F.  
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## **Chandrayaan-1**

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- Chandrayaan-1 is India's first mission to Moon launched in 2008 by PSLV-C11.  
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- The spacecraft is orbiting around the Moon at a height of 100 km from the lunar surface for chemical, mineralogical and photo-geologic mapping of the Moon.  
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- It also carried the payloads built in UK, USA, Bulgaria Germany and Sweden.  
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- The mission comprised an orbiter and an impactor launched by ISRO's workhorse PSLV.  
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## **Cyclone Warning Centre**

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- Union Ministry of Earth Sciences is proposing to set up a Cyclone Warning Centre in Thiruvananthapuram.  
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- At present, IMD has cyclone warning centres only at Chennai, Vishakhapatnam, Bhubaneswar, Kolkata, Ahmedabad and Mumbai.  
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- The newly proposed centre will cater to the needs of Kerala and Karnataka with rising incidents of tropical cyclones and extreme weather events in the

region.

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**Source: Indian Express, The Hindu, PIB**

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