

## **Prelim Bits 21-11-2018**

### **SIMBEX 18**

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- SIMBEX is the Maritime Bilateral Exercise between Singapore and India, held in the Bay of Bengal.

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- The exercise had witnessed successful missile engagements of aerial targets by ships of the two navies, anti-submarine warfare (ASW) and rocket firings.

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- Indian Navy Hawk Jet fighters and INS Shakti has participated in the exercise.

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- SIMBEX 18 marks the largest edition of these exercises thus far which have been progressing uninterrupted for the since inception in 1994.

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### **Nuclear version of Agni-I**

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- The Agni missile is a family of medium to intercontinental range ballistic missiles developed by DRDO of India under the Integrated Guided Missile Development Program.

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- Recently the night trial of the indigenously developed nuclear capable Agni-I India's surface-to-surface ballistic missile was successfully conducted from the Abdul Kalam Island off Odisha coast.

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- The missile has a strike range of beyond 700 km has a specialized navigation systems and it has already been inducted in the Indian Army.

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### **International Tourism Mart**

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- International Tourism Mart is an annual event organized in the North Eastern region with the objective of highlighting the tourism potential of the region in the domestic and international markets.

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- It brings together the tourism business fraternity and entrepreneurs from the eight North Eastern States.

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- The International Tourism Marts are organized in the North Eastern States on rotation basis, this year the 7<sup>th</sup> edition of International Tourism Mart will be held in Agartala, Tripura.

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- The earlier editions of this mart have been held in Guwahati, Tawang, Shillong, Gangtok and Imphal.

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## **Amur Falcon**

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- Amur falcons are known to breed in southeast Russia and northern China.
- These birds migrate west through India and across the Arabian Sea to southern Africa where they spend their winters, making a round-trip of at least 20,000 km every year, travelling between their breeding and wintering grounds.

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  - This arduous journey includes a non-stop flight over the Arabian Sea after passing across India.
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  - The resilient falcons arrive in large numbers, during October in Nagaland and a few other places in northeastern India.
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  - The Amur falcon is protected under the Indian Wildlife Protection Act, 1972.

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### **River Delta in Mars**

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  - NASA has picked an ancient river delta as the landing site for its un-crewed Mars 2020 rover.
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  - The landing site is named as Jezero Crater, it was filled with a 500-meter deep lake that opened to a network of rivers some 3.5 to 3.9 billion years ago.

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- The delta is a good place for evidence of life to be deposited and then preserved for the billions of years that have elapsed since this lake was present.

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- Experts believe the 45-km wide basin could have collected and preserved ancient organic molecules and other signs of microbial life.

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## **Largest Sugar Producer**

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- Brazil traditionally the world's top sugar producer, this year the output from the nation will tumble 21 percent to 30.6 million tons due to adverse weather and a shift to produce more cane-based ethanol.

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- By this India will hold the title of world's largest sugar producer for the first time in 16 years.

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- However Brazil is expected to remain the top exporter, followed by Thailand.

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**Source: PIB, The Hindu, Business Standard**

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