

## **Prelim Bits 12-11-2017**

### **Cherry Blossom Festival**

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- Shillong in Meghalaya is known for cherry which belongs to Prunus Cerasoides.

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- It is also known as Wild Himalayan Cherry.

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- It blossoms in autumn, usually in the month of November.

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- In countries like Japan, cherry blossom tree “Prunus yedoensis” which blossoms in spring.

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- Meghalaya is the first in the world to celebrate autumn Cherry Blossom Festival based on local cherry trees which bloom uniquely in the state.

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- The 2<sup>nd</sup> India International Cherry Blossom festival was recently organized in the state to boost the tourism.

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- However, cherry blossoms fail to appear due to erratic rainfall pattern in the state.

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- Huge difference in the day and night temperature have delayed the blossoming.

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### **APEC Summit**

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- Asia Pacific Economic Co-operation (APEC) 2017 summit was recently held in the city of Danang, Vietnam.

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- At the summit, Ministers from 11 Asia-Pacific countries have decided to go ahead with the trade deal “Trans-pacific partnership” without the United

States.

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- APEC is a forum for 21 Pacific Rim member economies that promotes free trade throughout the Asia Pacific region.
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- It is headquartered at Singapore.
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- It was established due to growing inter dependence among Asia Pacific regions, increasing regional trade blocs, to diffuse growing power of Japan.
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- The criterion for membership is that the member is a separate economy, rather than a state and the result of it is the inclusion of Taiwan.
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- APEC also includes three official observers: ASEAN, the Pacific Islands Forum and the Pacific Economic Cooperation Council
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- India is not in the grouping.
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## **Trans-Pacific Partnership**

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- Trans Pacific Partnership (TPP) is the proposed trade deal among the 12 Pacific Rim nations excluding China.
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- It includes Australia, Brunei, Canada, Chile, Japan, Malaysia, Mexico, New Zealand, Peru, Singapore, the United States and Vietnam.
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- But the United States has pulled out of the trade deal at the start of the year.
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- The finalized proposal was signed on 2016 in Auckland, New Zealand, concluding seven years of negotiations.
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- The TPP contains measures to lower both non-tariff and tariff barriers to trade, and establish an investor-state dispute settlement (ISDS) mechanism.
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## **EcAMSat Mission**

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- EcAMSat - E.coli Anti-Microbial Satellite Mission was scheduled to be launched to International space station.  
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- E.Coli is a common bacterial pathogen linked to urinary tract infections and foodborne illnesses.  
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- The mission is intended to investigate spaceflight effects on bacterial antibiotic resistance and its genetic basis.  
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- It aims to determine the lowest dose of antibiotic needed to inhibit the growth of E.coli.  
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- It will help to determine the appropriate dosages of antibiotics to protect astronaut health during long-duration human space flight and how antibiotic effectiveness may change as a function of stress on Earth.  
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- The launch was later postponed.  
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## Valley of Honey

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- **Araku Valley** is a hill station in the Eastern Ghats, known for its coffee.  
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- In the winter season, it turns into valley of Honey with the bloom of Niger flowers and increase in bee keeping.  
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- Honeybees, which live in highly organised communities, are of great importance to farmers for pollination and maintaining the ecological balance.  
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- The Araku valley is located close to A.P - Odisha border.  
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- It is surrounded by various mountains which are endowed with bauxite ores.  
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- One of the important mountains is Galikonda which is one of the highest in A.P.  
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- The nearest cave to Araku Valley is Borra cave.  
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## Bonnet Macaques

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- The bonnet macaque, an old world monkey, diurnal animal is endemic to southern India.

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- They are found only in peninsular India with close proximity to humans.

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- It exists as commensals to human, meaning it maintains commensalism with human beings.

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- In Commensalism, one organism benefits from the other without affecting it.

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- A study suggested that rhesus macaques were invading the bonnet's habitats in south India.

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- Rhesus macaques are usually found in northern part of India.

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- Decrease in tree cover, loss of contiguous canopies, rapid urbanization causes bonnet's disappearance from temples and tourist spots.

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**Source: The Hindu**

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