

## **Prelim Bits 30-08-2017**

### **Mumbai Flood**

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- Mumbai has recorded 297mm of rain in 24 hours.
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- It is the highest ever 24 hour rainfall for the August month recorded in Mumbai since 1997.
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- The highest ever 24 hour rainfall in Mumbai was recorded on 26 July 2005, with 944.2 mm rainfall.
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- The situation was compounded by the high tide that prevented natural drainage into the sea.
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- This has created a ground for spreading of Leptospirosis.
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### **Leptospirosis**

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- Leptospirosis is a bacterial infection in rodents and other wild and domesticated species.
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- It is a zoonotic disease (i.e) spread from animals to humans caused by bacteria of the genus Leptospira.
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- It is transmitted to humans by exposure through water contaminated by urine from infected animals.
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- The infection in man is contracted through skin abrasions and the mucosa of the nose, mouth and eyes. Human-to-human transmission is rare.
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- In most of the cases, leptospirosis only causes mild flu-like symptoms, such as headache, chills and muscle pain.
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- However, in some cases the infection is more severe and can cause life-threatening problems, including organ failure and internal bleeding.
- Severe form of leptospirosis is known as **Weil's disease**.

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## **Yuva**

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- YUVA is a skill development programme and an initiative by Delhi Police under Pradhan Mantri Kaushal Vikas Yojana (PMKVY).
- It aims to connect with the youth by upgrading their skill as per their competencies and help them to get a gainful employment under PMKVY.
- Delhi Police has tied up with National Skill Development Corporation (NSDC) and Confederation of Indian Industry (CII) for providing mass job linked skill training for the selected youth.

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## **Pradhan Mantri Kaushal Vikas Yojana**

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- It is the India's largest outcome based skill certification scheme implemented by National Skill Development Corporation (NSDC).
- The objective is to enable a large number of Indian youth to take up industry-relevant skill training that will help them in securing a better livelihood.
- Individuals with prior learning experience or skills will also be assessed and certified under Recognition of Prior Learning (RPL).
- The scheme is implemented by Ministry of Skill Development.
- Training and Assessment fees are completely paid by the Government.

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## **Appointment of Deputy CM**

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- A petition has been filed in the Madras High Court seeking issue of a writ of “Quo Warranto” to the office of Deputy CM of Tamil Nadu.

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- Quo Warranto is a prerogative writ requiring the person to whom it is directed to show what authority they have for exercising some right or power they claim to hold.

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- Article 164(1A) of the Constitution states that the total number of Ministers, including the Chief Minister, in the Council of Ministers in a State should not exceed 15% of the total number of members of the Legislative Assembly.

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- A proviso to the Article makes it clear that the number of Ministers, including the CM, in a State should not be less than 12.

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## **Indian Space Industry**

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- ISRO Satellite Centre (ISAC), Bengaluru, is the lead centre for building satellites and developing associated satellite technologies.

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- ISAC have decided to open up the opportunity of satellite making to industries.

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- It would sign a 3-year contract with the finalists, train, and handhold and supervise the teams in making the range of satellites at its facility.

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- It is seen as a first step towards the making of an Indian Space Industry.

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- First satellites from this effort are targeted to be out in 2018.

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- Currently, ISRO makes 4 categories of Spacecraft such as communication, remote sensing, navigation and scientific missions and in 3 sizes of 1000 kg to 4000 kg.

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- Industries will be trained in all the current types of Indian Satellites.

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**Source: Hindu, PIB**

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