

## **Prelim Bits 03-09-2017**

### **Business and Climate Summit**

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- The Business & Climate Summit (BCS) is the leading annual forum for businesses, investors and policymakers on climate action.

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- The summit focuses on creating a roadmap for reaching net zero emissions over the next half century.

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- It demonstrates how low carbon strategies are good for business and good for growth.

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- 3 editions have been organized so far in Paris (2015) and London (2016) and New Delhi (2017).

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- The Federation of Indian Chambers of Commerce and Industry (FICCI), India's apex business organisation, is the host of BCS 2017.

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### **Kinome**

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- It is the complete set of protein kinases that make up the genome of an organism.

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- A protein kinase is an enzyme that modifies other proteins by chemically adding phosphate groups to them.

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- It constitutes 2% of all human genes and 30% of all human proteins are modified by kinase activity.

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### **UNHCR**

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- The UNHCR has issued refugee identity cards to the Rohingyas in India so as to shield them from harassment and arbitrary arrests.

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- United Nations High Commissioner for Refugees (UNHCR) is a UN programme mandated to protect and support refugees at the request of a government or the UN itself.

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- It assists refugees in their voluntary repatriation, local integration or resettlement to a third country.

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- It is headquartered in Geneva, Switzerland.

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- It is a member of the United Nations Development Group (UNDG).

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- UNDG is a consortium of many United Nations agencies created in 1997 to improve the effectiveness of UN development activities at the country level.

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- Some of the members of UNDG are UNDP, UNICEF, WHO, FAO, ILO etc.

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## **NITI Aayog**

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- Economist Rajiv Kumar took over as the vice-chairman of Niti Aayog replacing Arvind Panagariya.

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- National Institution for Transforming India (NITI) is a government's think tank formed via a cabinet resolution in 2015 replacing planning commission.

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- The Prime Minister serves as the Ex-officio chairman.

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- The governing council consists of all state Chief Ministers, chief ministers of Delhi and Puducherry, Lieutenant Governor of Andaman and Nicobar.

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- Vice chairman is nominated by the Prime Minister.

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- In addition to full members, there are two part-time members and four ex-officio members and a chief executive officer.

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- They are selected from the leading universities and research institutions.

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- It has two hubs such as Team India Hub and the Knowledge and Innovation Hub.

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- The Team India Hub leads the engagement of states with the Central government, while the Knowledge and Innovation Hub builds NITI's think-tank capabilities.

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## **Water on Exoplanets**

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- Recent evidence from NASA's Hubble space telescope revealed that earth sized exoplanets in the Trappist-1 system may contain water.

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- TRAPPIST-1 is a system of seven Earth-size planets orbiting an ultra-cool dwarf star about 40 light-years away.

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- This is by far the largest collection of Earth-like planets in the habitable 'Goldilocks' zone of a star.

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- Goldilocks represents a zone which is neither too close nor too far from a star, which raises the possibility of liquid water being present on the surface.

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- Three of the planets in the system are within the habitable zone, which strengthens the possibility that they may be habitable.

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## **Mukundra Hills Tiger Reserve**

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- NTCA has given nod for shifting tigers from Ranthambhore National Park to Mukundara Hills tiger reserve.

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- The Mukundara Hills, located in the south-eastern Rajasthan, is the third notified tiger habitat in the State, after Ranthambhore and Sariska.

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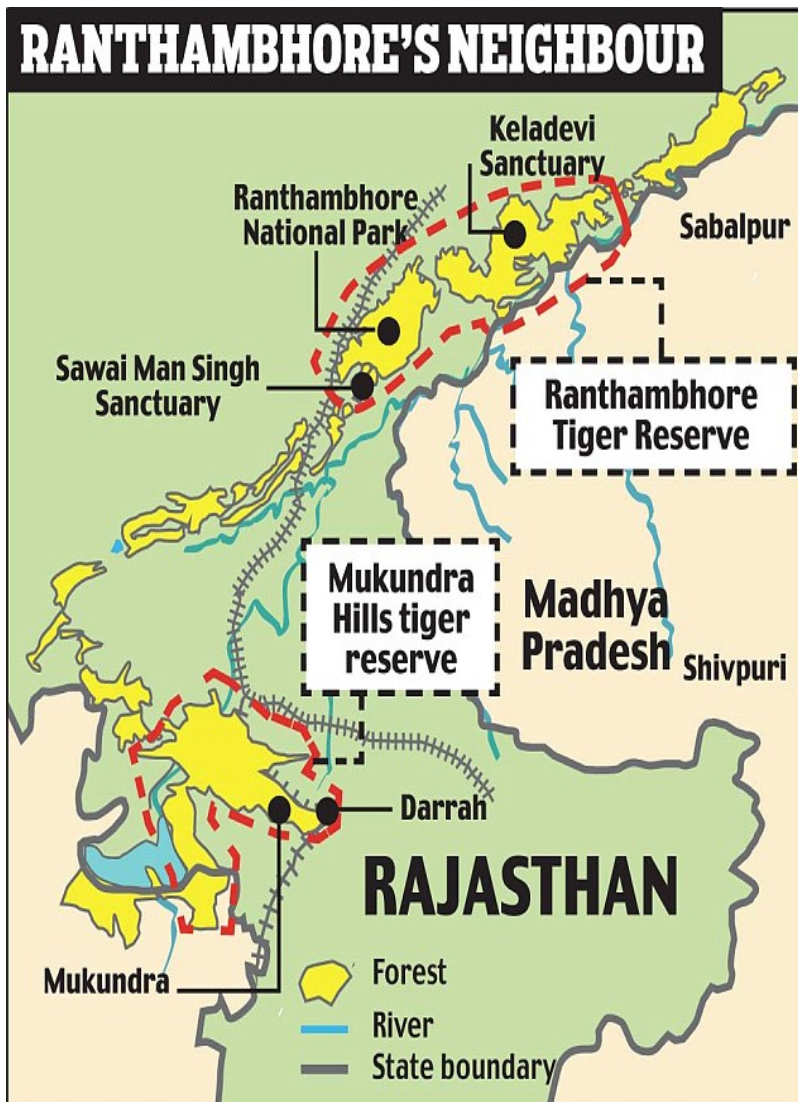
- It was established in 2013 to cater to the spill over tiger population from Ranthambhore.

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- The reserve covers the existing darrah, Chambal and jawahar sagar wildlife sanctuary.

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

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