

## Prelim Bits 27-02-2019

### Angkor

- According to a study Angkor has suffered a gradual decline rather than a catastrophic collapse.
- It is one of the most important archaeological sites in Cambodia's northern province of Siem Reap, South-East Asia.
- It is the ancient capital of the Khmer empire.
- Angkor Archaeological Park contains the magnificent remains of the different capitals of the Khmer Empire, from the 9th to the 15th century.
- They include the famous Temple of Angkor Wat and, at Angkor Thom, the Bayon Temple with its countless sculptural decorations.

### Phen Wildlife Sanctuary

- It is a popular buffer zone of Kanha national park, Madhya Pradesh.
- It lies in Southern region of Kanha tiger reserve, close to Madhya Pradesh and Chhattisgarh state borders.



- It was declared as a wildlife sanctuary in year 1983 by Government of Madhya Pradesh.
- The Fauna at this sanctuary mainly consists of the Tiger, Leopard, Wild boar, Cheetal, Sambar etc

### Drug residue in fresh water

- Concentrations of pharmaceuticals have increased in freshwater sources all over the world over the past 20 years.
- The environmental risks of Carbamazepine and ciprofloxacin were found to be 10 to 20 times higher in 2015 than in 1995.
- Carbamazepine is an anti-epileptic drug and ciprofloxacin is an antibiotic.
- The concentrations of these antibiotics can be harmful for bacteria in the water.
- These bacteria found in the fresh water in turn play an important role in various nutrient cycles.
- It provides an insight into the environmental risks posed by pharmaceuticals all over the world.

### **Quick Reaction Surface-to-Air missiles (QRSAM)**

- The indigenously developed Quick Reaction Surface-to-Air missile (QRSAM) was successfully test fired from ITR Chandipur, off the Odisha Coast.
- It has been developed by the Defence Research and Development Organisation (DRDO) for the India Army
- It has a strike range of 30 km and is capable of engaging multiple targets.
- It uses solid fuel propellant.
- It is an all-weather weapon system that is capable of tracking and firing with precision.
- It is also an all-terrain missile with electronic counter measures against jamming by aircraft radars.

### **Disappearance of Marine Clouds**

- Marine clouds could break up and vanish if CO<sub>2</sub> in the atmosphere triples.
- It protects us from hothouse Earth conditions by reflecting sunlight back into space.
- It is the stratocumulus clouds that cover about 20 % of subtropical oceans, mostly near western seabords such as the coasts of California, Mexico and Peru.
- These clouds cool and shade the earth as they reflect the sunlight that reflects them back into space.
- Due to the rise in Carbon Dioxide it may become unstable and disappear.
- The consequence will trigger a spike in global warming.

### **Sampriti - 2019**

- It is an India-Bangladesh joint Military exercise conducted in Bangladesh.
- It is an important bilateral defence cooperation endeavour between India and Bangladesh.
- It will be the 8<sup>th</sup> edition of the exercise which is hosted alternately by both countries.
- It is aimed to strengthen and broaden the aspects of interoperability and cooperation between the Indian and Bangladesh Armies.
- It will involve tactical level operations in a counter insurgency and counter terrorism environment under the UN mandate.

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

