

## Prelim Bits 20-11-2018

### Remission of Convicts

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- Three girls of TN Agricultural University were burnt alive when their bus was set afire by 3 after Jayalalithaa was convicted in a corruption case in 2000.

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- Three convicts were initially sentenced to death, but the punishment was commuted to life in prison by the Supreme Court 2 years ago.

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- They were recently granted remission and set free. TN governor cleared the government's recommendation to release them prematurely.

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- The Governor had earlier returned the file seeking remission of their life sentence for reconsideration by the government.

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- However, the State sent back the file sticking to its stand, following which the governor accepted the recommendation to release them.

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- **Legal provision** - Section 433A deals with the restriction of powers of remission or commutation in certain cases.

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- It says that, a sentence of death imposed on a person has been commuted under section 433 into one of imprisonment for life, such person shall not be released from prison unless he/she had served at least 14 years of imprisonment.

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### Pardoning Terms

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- **Pardon** - It removes both the sentence and the conviction and completely absolves the convict from all the sentences, punishments and disqualifications.

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- **Commutation** - It denotes the substitution of one form of punishment for a lighter form.

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- **Remission** - It implies reducing the period of sentence without changing its character.

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- **Respite** - It denotes awarding a lesser sentence in place of one originally awarded due to some special fact, such as the physical disability of convict or the pregnancy of a woman offender.

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- **Reprieve** - It implies a stay of the execution of a sentence (especially that of death) for a temporary period. Its purpose is to enable the convict to have time to seek pardon or commutation from the President/Governor.

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## Most Luminous Galaxy

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- Atacama Large Millimeter/submillimeter Array (ALMA) telescope in Chile has recently observed the most luminous galaxy in the Universe.

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- The light from this galaxy, known as W2246-0526, took 12.4 billion years to reach Earth.

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- Its brightness is not due to its stars rather it is powered by a tiny energetic disk of gas that is being superheated as it spirals in on the supermassive black hole.

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- The light from the energetic disk is then absorbed by the surrounding dust which re-emits the energy as Infrared light.

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- This extreme infrared radiation makes this galaxy one of a rare class of quasars known as **Hot, Dust-Obscured Galaxies** or Hot DOGs.

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## Global Fight on Malaria

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- The World Health Organisation in its recent report has revealed that global

efforts to fight Malaria stalled.

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- The number of cases of the disease climbed by 2 million to 219 million in 2017.

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- The international funding to fight the disease has declined in the recent years.

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- **Malaria** is a life-threatening disease caused by Plasmodium parasites.

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- It is transmitted to people through the bites of infected female Anopheles mosquitoes.

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- The mosquito transmits the parasite in to bloodstream and after it gets matured it begin to infect red blood cells.

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- There are 5 parasite species that cause malaria in humans, and 2 of these species P. falciparum and P. vivax pose the greatest threat.

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- It is preventable and curable.

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- An infected mother can also pass the disease to her baby at birth. This is known as congenital malaria.

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- Malaria is transmitted by blood, so it can also be transmitted through:

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1. an organ transplant

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2. a transfusion

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3. use of shared needles or syringes

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## **Igla-S missile**

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- Igla-S is a Russian man-portable Surface to Air missile.

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- Russia has recently bagged the contract of Indian Army's bid for air defence missile.
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- Iгла-S system has been confirmed as the lowest bidder for the mega deal.
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### **Telescope to View Kartarpur Sahib**

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- The government has decided to install a high-powered telescope along the India-Pakistan border for devotees to view kartarpur sahib in Punjab.
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- It is organized to mark the 550<sup>th</sup> birth anniversary of Guru Nanak Dev, the founder of Sikh faith.
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- Kartarpur sahib, one of the holiest shrines, is the final resting place of Guru Nanak.
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- The telescope would be installed by the Ministry of Electronics and Information Technology.
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Click [here](#) to know about Sikh Gurus

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**Source: The Hindu, Economic Times**

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