

December - 06

TNPSC BITS

- ❖ Uttarakhand has built its first eco-bridge of the state across Kaladhungi-Nainital highway.
 - This bridge has been fully made with eco-friendly items such as bamboo, grass and rope.
- ❖ Rajasthan chief minister Ashok Gehlot inaugurated the country's first organ donor memorial in Jaipur.
- ❖ Sandeep Kataria becomes the first Indian to be appointed as global CEO of Bata.
- ❖ Lok Sabha Speaker Om Birla appointed senior IAS officer Utpal Kumar Singh as Secretary General (SG) of the Lok Sabha in the rank and status of Cabinet Secretary.
 - The Speaker has also appointed Snehlata Shrivastava, the outgoing SG as honorary officer of the House (Lok Sabha).

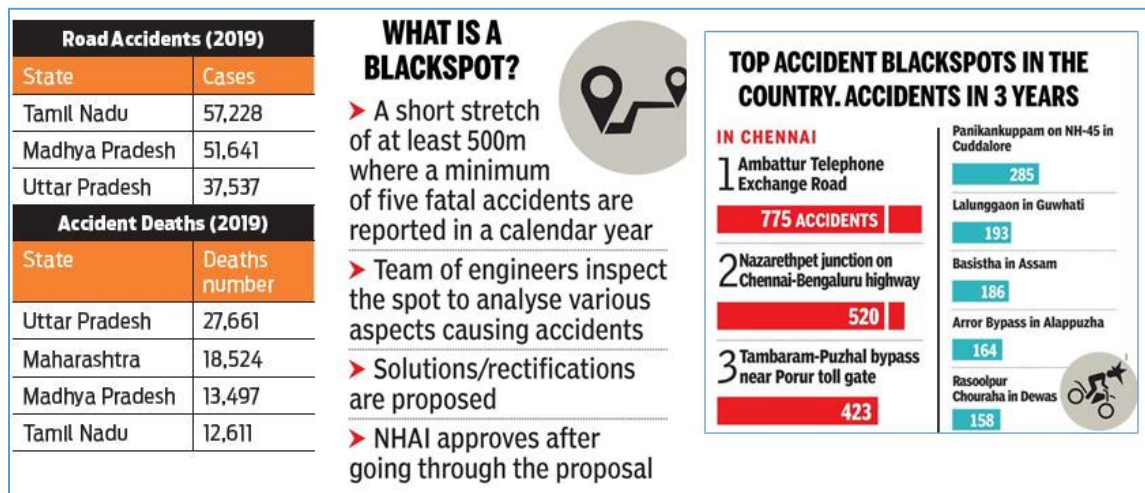
NATIONAL

Karnataka MLC disqualified

- ❖ The Karnataka High Court has held that Vishwanath stands disqualified under the anti-defection law and hence cannot be inducted into the state cabinet.
- ❖ Vishwanath has incurred disqualification under Article 164 (1B) and Article 361 (B) of the Indian Constitution.
- ❖ Vishwanath had been appointed as the Member of the Legislative Council (MLC) despite the fact that Vishwanath had lost the bye-poll held for the State Legislative Assembly.
- ❖ Already he was disqualified as per the Supreme Court judgement in 2019.
- ❖ It was argued that a disqualified member can become eligible to hold the position of a minister only if they win the bye-elections from the same constituency.

Road Accidents in India

- ❖ With over 156 road accident cases per day, Tamil Nadu ranks first for the third year in India.
- ❖ It was the data according to the National Crime Records Bureau (NCRB) under the Ministry of Home Affairs.
- ❖ It was followed by Madhya Pradesh and Uttar Pradesh.
- ❖ With regards to deaths on National Highways, Tamil Nadu stood third, behind Uttar Pradesh and Maharashtra.
- ❖ Under the mega cities, Chennai holds the second place in road accident deaths after Delhi.
- ❖ The Union road transport ministry's accident report 2019 placed three spots in Chennai as the country's deadliest accident blackspots.



100 Octane Petrol

- ❖ The Indian Oil Corporation recently launched the first 100 Octane petrol.
- ❖ This is the first time 100 Octane fuel is being launched in the country.
- ❖ It is usually used in luxury vehicles that demand high-performance.
- ❖ It is available only in six countries in the world namely Germany, United States, Greece, Malaysia, Indonesia and Israel.
- ❖ Octane ratings are the measure of fuel stability.

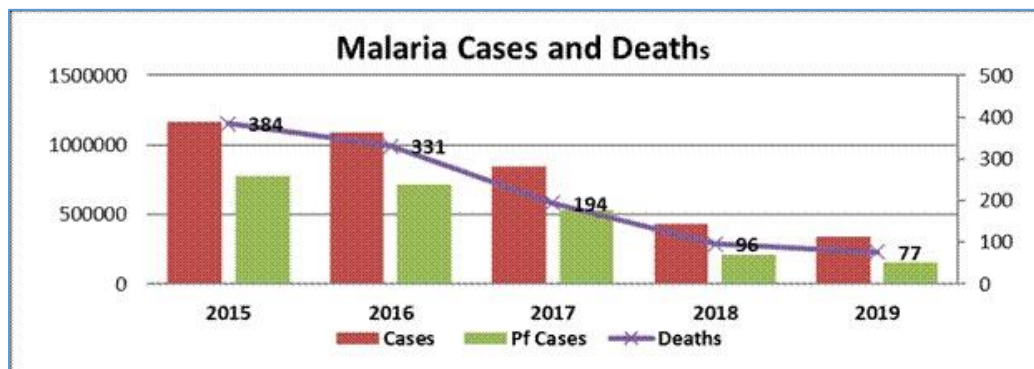
INTERNATIONAL

Wolf Brigade 44

- ❖ Germany bans far-right 'Wolf Brigade 44'.
- ❖ The Brigade 44 openly pledged allegiance to Nazi leader Adolf Hitler.
- ❖ It seeks to end the democratic form of governance in Germany.
- ❖ Number 44 here means Division Dirlewanger, named after Oskar Dirlewanger.
- ❖ He was accused of ordering massacres against civilians in Belarus in the 1940s.

World Malaria Report, 2020

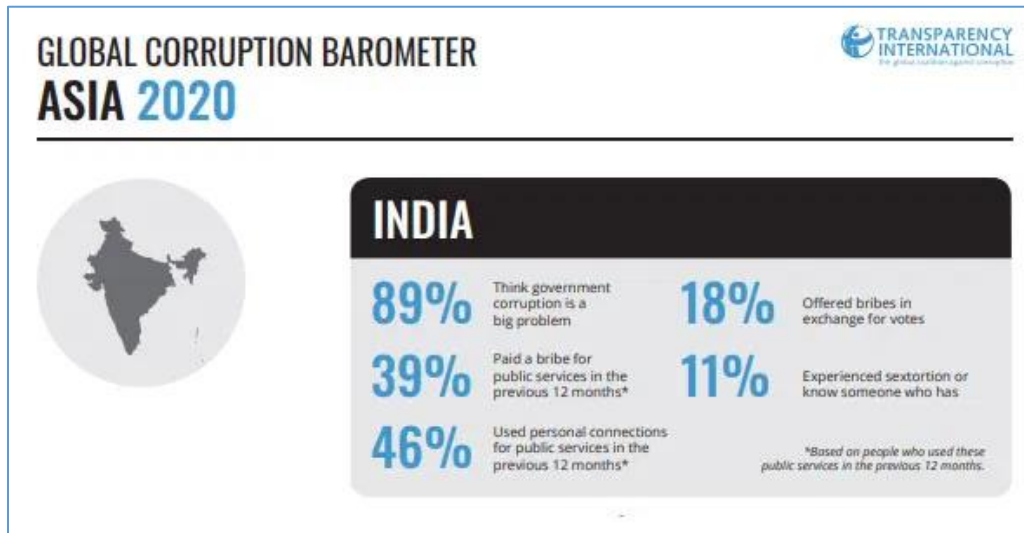
- ❖ It was recently released by the World Health Organisation.
- ❖ As per the report, India recorded the largest reduction in malaria cases in South East Asia.
- ❖ Around 88% of Malaria cases in the region are from India.
- ❖ However, India has reduced the Malaria cases by 21% between 2018 and 2019.
- ❖ According to the report the highest Malaria burden countries were Cameroon, Democratic Republic of Congo, Burkina Faso, Mozambique, Mali, Ghana, India, Nigeria and United Republic of Tanzania.



Global Corruption Barometer – Asia

- ❖ It was a survey released by global civil society 'Transparency International'.
- ❖ India has highest corruption rate of 39% in Asia.
- ❖ India was followed by Cambodia and Indonesia for the highest rate of corruption in Asia.

- ❖ Whereas Maldives and Japan topped the charts with lowest corruption rate followed by South Korea.



QS Asia University Rankings 2021

- ❖ The global higher education think-tank Quacquarelli Symonds (QS) has released this.
- ❖ The National University of Singapore has come up as Asia's best university for the third consecutive year.
- ❖ A total of 107 Indian institutes have been selected among the total 650 universities ranked.
- ❖ The top three Indian universities to feature on the Asia Rankings are IIT Bombay (Rank 47), IIT Delhi (Rank 50), and IIT Madras (Rank 56).

SCIENCE AND TECHNOLOGY

Zebrafish Gene

- ❖ Scientists at Pune-based Agharkar Research Institute have identified Zebrafish's genes that can promote heart regeneration.
- ❖ It can regenerate almost all its organs, including the brain, heart, eye, spinal cord within a short time period.
- ❖ This is why the zebrafish is used as a model organism.

- ❖ Zebrafish is a tiny freshwater fish found in the tropical and subtropical regions.

World's smallest memory device

- ❖ The scientists have reduced the size of the thinnest memory storage device.
- ❖ It was done by shrinking the cross-section area down to just one single square nanometre.
- ❖ This development may lead to the creation of faster, smaller and more energy-efficient electronic chips for consumer electronics.
- ❖ The researchers used the compound molybdenum di sulfide, also known as MoS₂, as the primary nanomaterial in their study.
- ❖ The research was published recently in a journal called 'Nature Nanotechnology'.
- ❖ The researchers belong to the University of Texas at Austin in the USA.

IMPORTANT DAYS

56th BSF raising day – December 01

- ❖ The Border Security Force (BSF) is India's Primary border guarding organisation on its border with Pakistan and Bangladesh.
- ❖ It has been termed as the First Line of Defence of Indian Territories.
- ❖ It comes under the Ministry of Home Affairs (MHA).
- ❖ BSF was formed on December 1, 1965 after the Indo-Pak and India-China wars.

