

January - 02

TNPSC BITS

- ❖ The world's longest Metro Line was opened in China's Shanghai Province.
 - With this inauguration, Shanghai upholds its rank as the city with the largest Metro network worldwide.
- ❖ The newly constructed second road, linking Tsomgo lake and Nathula border pass with Gangtok in Sikkim was named 'Narendra Modi Marg'.
 - The older route is called Jawaharlal Nehru Road.
- ❖ Non-resident Indians and overseas citizens of India don't require prior approval for buying or selling immovable properties like houses in the country.
 - This has been clarified by the Reserve Bank of India.
- ❖ Japan's defense minister Nobuo Kishi agreed to launch a military hotline with China.

TAMIL NADU

Good Samaritans awards

- ❖ The Union Road ministry has launched a scheme for 'Good Samaritans'.
- ❖ Under this, a cash award of Rs 5,000 will be given to those who save the life of a road accident victim by rushing him/her to the hospital within the 'golden hour' of the mishap.
- ❖ This is to motivate the general public to help the road accident victims in an emergency situation.
- ❖ 'Golden hour' refers to the 1-hour time period following a traumatic injury during which there is the highest likelihood of preventing death by providing prompt medical care.
- ❖ The Tamil Nadu government has announced a reward of Rs 5,000 for those who admit road accident victims to hospitals for treatment.

Note

- ❖ Prize money will be given a maximum of 5 times a person per year.
- ❖ All accidents will be inspected by a District Level Assessment Committee headed by the District Collector.
- ❖ The selected cases will be recommended to the Commissioner of Transport for a prize of Rs.5000.

NATIONAL

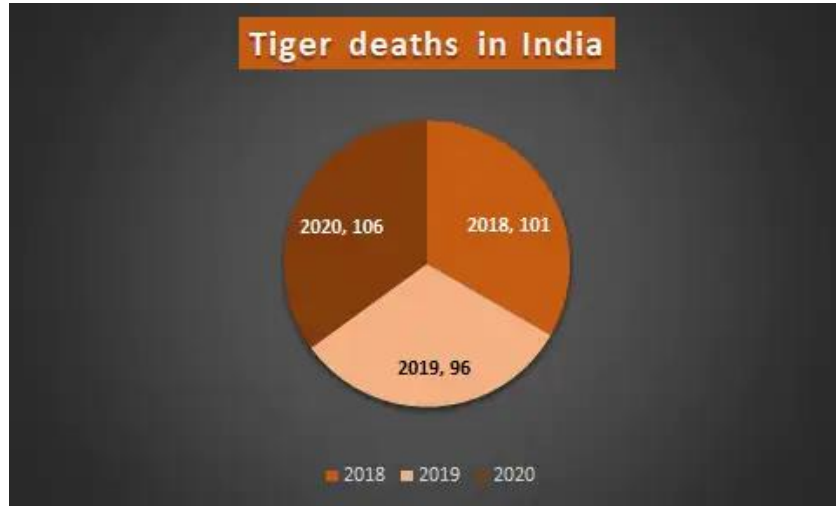
Sahitya Academy awards 2021



- ❖ Sahitya Akademi announced its prestigious Sahitya Akademi Awards, Yuva Puraskar and Bal Sahitya Puraskar 2021 in various languages.
- ❖ The Sahitya Akademi Award 2021 was given in 20 Indian languages.
- ❖ The winner of Gujarati, Maithili, Manipuri, and Urdu languages will be announced at a later date.
- ❖ The English Author, Namita Gokhale was awarded for her novel Things to Leave Behind.
- ❖ The Sahitya Akademi Yuva Puraskar 2021 was awarded for 22 Indian languages.
- ❖ The award in Tamil will be declared later.
- ❖ There was no award given in the Rajasthani language this year.
- ❖ The English Author Megha Majumdar won the Sahitya Akademi Yuva Puraskar 2021 for her debut book 'A Burning', published in 2020.
- ❖ The Bal Sahitya Puraskar 2021 was given in 22 Indian languages.
- ❖ No Bal Sahitya Puraskar was given in Gujarati and Punjabi languages this year.

- ❖ The English author Anita Vachharajani has been named as the recipient of the Bal Sahitya Puraskar 2021 for the biography “Amrita Sher-Gil: Rebel with a Paintbrush”.

Tiger Deaths



- ❖ According to National Tiger Conservation Authority (NTCA), in 2021, India reported the death of around 126 tigers.
- ❖ Recently, a tiger was found dead in Chhindwara, Madhya Pradesh (MP), taking the toll to 44 in MP in 2021.
- ❖ Madhya Pradesh with 44 tiger deaths, is followed by Maharashtra and Karnataka.

19th Tranche of Electoral Bonds

An infographic titled "Benefits of Electoral Bonds" illustrating the advantages of the new system. It features illustrations of hands holding bonds, a ballot box, and a bank building. The text is organized into four key points:

- WILL BRING** substantial transparency in political donations against the present system of contributions in the election funding mechanism
- HOW MUCH** funding comes, what kind of funding it is, the source of funding and where it will be spent will be known clearly
- NON DISCLOSURE** of recipients will ensure people are free to donate to any political party of their choice
- WILL REINFORCE** the idea of moving away from a cash system towards clean money which cheque system could not achieve
- 15 DAYS** between buying and selling will ensure they don't turn into a parallel economy

- ❖ The central government approved the issuance of the 19th tranche of electoral bonds ahead of assembly elections in five states.

- ❖ The sale of electoral bonds will be open from January 1 to 10, 2022.
- ❖ State Bank of India (SBI) has been authorized to issue and encash the bonds through its 29 Authorized Branches.
- ❖ The state Assembly elections are scheduled for 5 states namely, Uttar Pradesh, Uttarakhand, Himachal Pradesh, Punjab, and Goa.
- ❖ Electoral Bond is a financial instrument, used to make donations to political parties.
- ❖ These bonds are issued in multiples of 1000, 10000, 1 lakh, 10 lakh, and 1 crore rupees, without any maximum limit.

Largest ever Rhino Transfer

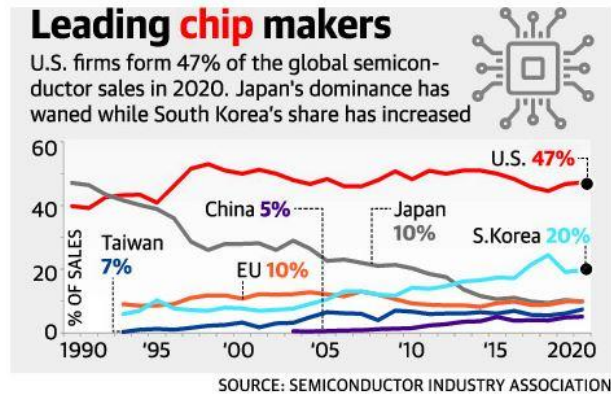


- ❖ Recently, 30 white rhinos were transferred from South Africa to Rwanda, onboard a Boeing 747 chartered plane.
- ❖ They were transferred in light of the increasing threat of illegal poaching.
- ❖ It was the largest single transfer of white rhinos ever.
- ❖ White Rhinoceros is also known as square-lipped rhinoceros while their scientific name is *Ceratotherium simum*.

India Semiconductor Mission

- ❖ Information Technology Minister, Ashwini Vaishnaw, launched India Semiconductor Mission (ISM).
- ❖ ISM is a specialized and independent business division of Digital India Corporation.

- ❖ The scheme was launched with the aim of attracting large investments in manufacturing AMOLED-based (active-matrix organic light-emitting diode) display panels or TFT LCD (Thin-film-transistor liquid-crystal display).



INTERNATIONAL

Regional Comprehensive Economic Partnership



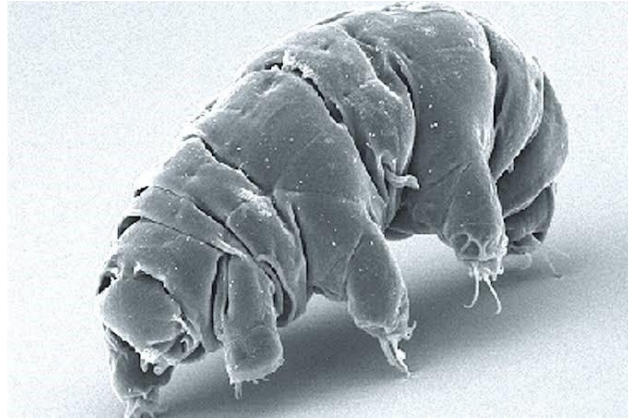
- ❖ The Regional Comprehensive Economic Partnership (RCEP) will come into effect on January 1, 2022, marking the formation of the world's largest free-trade zone in terms of trade volume.
- ❖ It is a trade deal between the 10-member Association of Southeast Asian Nations (ASEAN) and China, Japan, South Korea, Australia, and New Zealand.
- ❖ India withdrew from the RCEP largely because of concerns it would open it up to Chinese goods amid an already wide trade imbalance with China, and the failure of the agreement to adequately open up to services.

- ❖ Both India and USA are not members to this partnership.

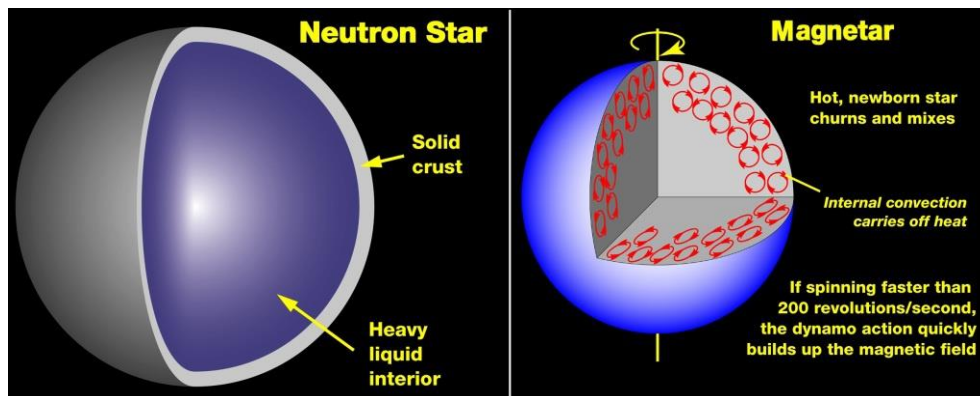
SCIENCE AND TECHNOLOGY

Quantum entanglement

- ❖ Scientists have identified the first “quantum entangled” animal in history-frozen tardigrade, in a recent study.
- ❖ The researchers managed the feat by placing frozen tardigrades between two capacitor plates of a superconductor circuit to form a qubit.
- ❖ Qubit is the quantum equivalent of a bit.
- ❖ It is the physical phenomenon that occurs when a pair or group of particles is generated and they interact in such a way that the quantum state of each particle of the pair or group cannot be described independently of the state of the others.



Magnetar



- ❖ Researchers have succeeded in measuring for the first time the characteristics of a flare on a distant magnetar.

- ❖ A magnetar is a rare compact type of neutron star teeming with energy and magnetism.
- ❖ Only 30 Magnetars have been spotted within the Milky Way so far.

PERSONALITIES, AWARDS, AND EVENTS

Anupam Ray

- ❖ Senior diplomat Anupam Ray has been appointed as India's next permanent representative to the UN Conference on Disarmament in Geneva.
- ❖ Ray, a 1994-batch Indian Foreign Service officer, is currently serving as a joint secretary in the MEA's headquarters in Delhi.
- ❖ Ray will succeed Pankaj Sharma.

SPORTS

Bumrah - 100 wickets

INDIAN PACERS WITH 100 OVERSEAS WICKETS

Bowler	M	Wkts	Ave	SR	5WI	10WM	Best
Jasprit Bumrah	23	102	21.95	49.7	6	0	6/27
Mohammad Shami	39	141	29.61	52.2	4	0	6/56
Zaheer Khan	54	207	31.47	55.4	8	1	7/87
Ishant Sharma	63	207	32.78	59.5	9	1	7/74
Kapil Dev	66	215	32.85	72.2	12	0	8/85
Javagal Srinath	35	128	33.76	70.8	5	0	6/76

CLAIMING CENTURION



- ❖ Jasprit Bumrah has achieved the milestone of picking 100 wickets away from home in 22 Test matches.
- ❖ Van der Dussen became Bumrah's 100th Test victim in overseas conditions.
- ❖ Bumrah has 105 wickets, out of which 101 have come away from home.

❖ Bumrah, who made his Test debut in South Africa in 2018, has played 25 Tests.

