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TNPSC BITS

- ❖ Former Research and Analysis Wing chief Anil Dhasmana has been appointed as new chief of National Technical Research Organisation.
- ❖ 10th Meeting of the BRICS High Representatives on National Security was held virtually and it was chaired by Russia.
- ❖ USA banned the Chinese apps viz., TikTok and WeChat citing threat to national security.

NATIONAL

60 years of Indus Water Treaty

- ❖ September 19 this year marks the 60th anniversary of the Indus Water Treaty between India and Pakistan.
- ❖ The Indus Waters Treaty is a water-distribution treaty between India and Pakistan, brokered by the World Bank signed in Karachi in 1960.
- ❖ According to this agreement, control over
 - The water flowing in three “eastern” rivers of India - the Beas, the Ravi and the Sutlej was given to India.
 - The water flowing in three “western” rivers of India - the Indus, the Chenab and the Jhelum was given to Pakistan.

The Indus Water Treaty

The 56-year-old Indus Water Treaty between India and Pakistan has been instrumental in the peaceful sharing of the water of Indus and its tributaries

With the recent spurt of tensions between the two countries and PM Narendra Modi's statement that "blood and water cannot flow together" followed by India's decision to suspend meetings of Indus Water Commission, here is a look at the treaty and its ingredients:

Signed on: **September 19, 1960**
Signatories: **Prime Minister Jawaharlal Nehru and Pakistan's President Ayub Khan**
Brokered by: **The World Bank**

Features

- Rivers Beas, Ravi and Sutlej to be governed by India while Indus, Chenab and Jhelum by Pakistan
- India is allowed to use 20 per cent of Indus water for irrigation, power generation and transport purposes
- A permanent body called Indus Water Commission solves disputes arising over water sharing
- River Indus originates from China, but it is not a part of the treaty



INTERNATIONAL

Special Permission for Export Fish to India

- ❖ The Bangladesh Government granted permission to India so as to export Hilsa fish.
- ❖ Earlier, in 2012, the Government of Bangladesh imposed a ban on export of Hilsa fish to India.

Hilsa Fish

- ❖ The Hilsa Fish, also called as Ilish Fish, is an endemic species of Bangladesh.
- ❖ The fish is usually called as “King of Fish”.
- ❖ The Hilsa fish has been designated as the National Fish of Bangladesh.
- ❖ The fish is categorised as Threatened species under the IUCN red list.
- ❖ Bangladesh accounts for 75% world Hilsa fish production.

SCIENCE AND TECHNOLOGY

World Largest Telescope's parts production

- ❖ The world's largest radio telescope is to have control systems designed and built by Tata Consultancy Services, India.
- ❖ Several other multiple leading Indian scientific Institutions are also contributing to the project under the leadership of TCS.
- ❖ The National Centre for Radio Astrophysics (NCRA) operating under Tata Institute of Fundamental Research (TIFR) is the leading manager of the project.
- ❖ This telescope is known as square kilometre array (SKA).
- ❖ The telescope is to be built in in South Africa.
- ❖ The out stations of the telescope are to be located in eight other African partner countries such as Ghana, Botswana, Kenya, Mauritius. Madagascar, Mozambique, Zambia and Namibia.
- ❖ The low frequency array of the telescope is to be built in Western Australia.



ENVIRONMENT

Biodiversity index map for Kochi

- ❖ This is the first for a city in Kerala and the second in the country.
- ❖ The index is part of the 'INTERACT-Bio' project implemented with the help of the Centre for Heritage, Environment and Development through ICLEI-Local Governments for Sustainability.
- ❖ It aims at developing the city's biodiversity index and estimating the green cover in urban areas.
- ❖ An 'Illustrative Natural Asset Map' was also unveiled a part of this.

India's own eco-label BEAMS

- ❖ Union Ministry of Environment, Forest and Climate Change (MoEFCC) launched India's own eco-label BEAMS.
- ❖ This is launched with e-hoisting of the flag #IAMSAVINGMYBEACH simultaneously at the eight beaches recently recognized as blue flag beaches.
- ❖ MoEFCC is promoting its policies for sustainable development in coastal regions have embarked upon a highly acclaimed program "BEAMS" (Beach Environment & Aesthetics Management Services).



- ❖ BEAMS is executed under its Integrated Coastal Zone Management (ICZM) project.
- ❖ The Government of India is undertaking for the sustainable development of coastal regions, striving for globally recognized and the coveted eco-label 'Blue flag'.

STATES

National Generic Document Registration System

- ❖ Union Territory of Jammu and Kashmir launched the National Generic Document Registration System (NGDRS).
- ❖ J&K will be the 10th among States and UTs to become the part of NGDRS.
- ❖ NGDRS represents a major shift from the existing manual registration system to online registration of all transactions in sale-purchase and transfer of land.
- ❖ Stamp papers have been replaced by e-stamps.
- ❖ It has been incorporated in coordination with Stockholding Corporation of India.
- ❖ The launching of NGDRS is a big step towards National Integration and a leap towards 'One Nation One Software'.

PERSONALITIES, AWARDS, AND EVENTS

Dr Kapila Vatsyayan passes away

- ❖ She was a Leading scholar of Indian classical dance, art, architecture and art history.
- ❖ She had been a former Member of Parliament.
- ❖ She was also a founding Director of the Indira Gandhi National Centre for the Arts.
- ❖ She received the Sangeet Natak Akademi Fellowship in 1970.
- ❖ She has also been conferred with the Lalit Kala Akademi Fellowship in 1955 which happens to be highest honour in the fine arts.
- ❖ In 2000, she received the Rajiv Gandhi National Sadbhavana Award.
- ❖ In 2011, she was bestowed upon with the Padma Vibhushan by the government of India.
- ❖ She wrote many books including,
 - The Square and the Circle of Indian Arts in 1997

- Bharata: The Natya Sastra in 1996 and
- Matralaksanam in 1988.

IMPORTANT DAYS

International Coastal Clean Up Day - September 19

- ❖ International Coastal Cleanup (ICC) Day takes place on the third Saturday in September every year.
- ❖ It is one of the largest one-day volunteer event in the world.
- ❖ It started in 1986 when Linda Maraniss met Kathy O'Hara while working for Ocean Conservancy.
- ❖ O'Hara had just completed a report called Plastics in the Ocean: More Than a Litter Problem.
- ❖ The two of them reached out to other ocean-lovers and organized a Cleanup for Ocean Conservancy.

