

September - 29

TNPSC BITS

- ❖ The Supreme court of India appointed retired judge Justice L. Nageswar Rao for amending the constitution of the Indian Olympic Association and preparing the electoral college of the association.
- ❖ The WHO official Dr Rajiv Bahl has been appointed as the Director General of the Indian Council of Medical Research (ICMR) cum- Secretary of the Department of Health Research.

NATIONAL

Nistar & Nipun Vessels

- ❖ Two Diving Support Vessels (DSVs), Nistar and Nipun were launched by the Indian Navy in Visakhapatnam.
- ❖ They are the first of their kind ships to be indigenously designed and built for the Navy.



National Conference of Environment Ministers

- ❖ The National Conference of Environment Ministers held in Gujarat.
- ❖ The objective of this conference is to promote cooperative federalism through the promotion of synergized working of central and state governments on issues pertaining to the environment and climate change.

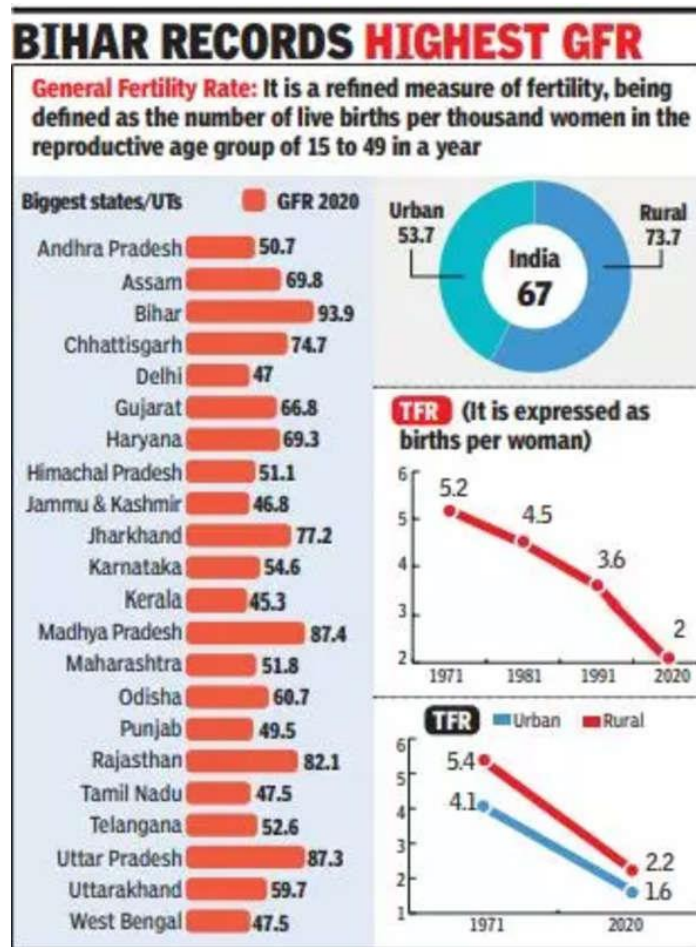
- ❖ The conference will include 6 thematic sessions with topics focusing on
 - LiFE, Combating Climate Change (Updating State Action Plans on Climate Change for Mitigation of Emissions and Adaptation to Climate Impacts);
 - PARIVESH (Single Window System for Integrated Green Clearances);
 - Forestry Management;
 - Prevention and Control of Pollution;
 - Wildlife Management;
 - Plastics and Waste Management.



Sample Registration System (SRS) Statistical Report 2020

- ❖ This report was recently released by the Registrar General of India.
- ❖ This revealed that there is a significant decline since 2014 in the following indicators and the country is currently in line towards achieving Sustainable Development Goals (SDGs) by 2030.
 - Infant mortality rate (IMR),
 - Under 5 Mortality Rate (U5MR),
 - Neonatal Mortality Rate (NMR).
- ❖ The Infant Mortality Rate has declined by 2 points to 28 per 1,000 live births in 2020 from 30 per 1,000 live births in 2019.
- ❖ The annual rate of decline is 6.7 per cent.
- ❖ The rural-urban difference has been reduced to 12 points.
- ❖ Under 5 mortality rates for females is higher than males.

- ❖ There was a decrease of 4 points in male U5MR and 3 points in female U5MR.
- ❖ Uttar Pradesh and Karnataka achieved the highest decline of U5MR of 5 points.
- ❖ The Neonatal Mortality Rate fell by 2 points from 22 per 1,000 live births in 2019 to 20 per 1,000 live births in 2020.
- ❖ This is an annual decline of 9.1 per cent.
- ❖ Six states and union territories have already attained UN SDG targets of NMR of less than 12 deaths per 1,000 live births by 2030.
- ❖ These include Kerala (4), Delhi (9), Tamil Nadu (9), Maharashtra (11), Jammu and Kashmir (12) and Punjab (12).

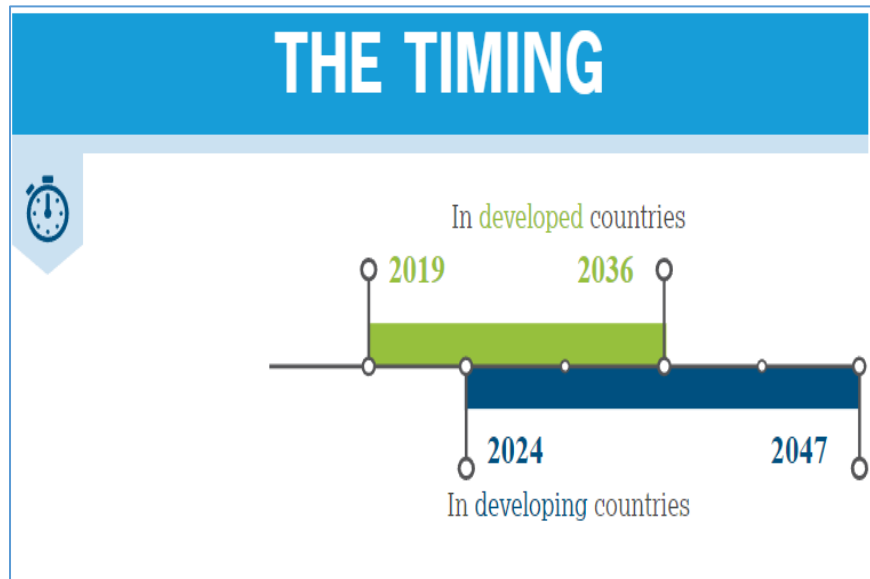


INTERNATIONAL

Kigali Amendment

- ❖ The US Senate approved an international climate treaty for the first time in 30 years.

- ❖ This pact deals to phase out of the use of planet-warming industrial chemicals commonly found in refrigerators and air-conditioners.
- ❖ The Kigali agreement is a 2016 amendment to the Montreal Protocol, a landmark treaty to protect Earth's ozone layer.
- ❖ Now, the United States joined the 2016 Kigali Amendment, along with 137 other nations that have agreed to sharply reduce the production and use of hydrofluorocarbons, or HFCs.
- ❖ The chemicals are potent greenhouse gases, warming the planet with 1,000 times the heat-trapping strength of carbon dioxide.
- ❖ If the Kigali pact is successfully implemented, scientists estimate it would prevent up to 0.5 degrees Celsius, or roughly 1 degree Fahrenheit, of warming by the end of this century.



PERSONALITIES, AWARDS, AND EVENTS

Breakthrough Prizes 2023

- ❖ Daniel A. Spielman has been honoured with the 2023 Breakthrough Prize in Mathematics.
- ❖ This is awarded for his multiple discoveries in theoretical computer science and mathematics.
- ❖ This award is dubbed as the “Oscars of Science”.
- ❖ It recognized for their game-changing discoveries in Fundamental Physics, Life Sciences and Mathematics, along with early-career scientists who have made significant contributions to their fields.

- ❖ It was founded by Sergey Brin, Priscilla Chan and Mark Zuckerberg, Yuri and Julia Milner, and Anne Wojcicki in 2012.

Award	Awardee
Breakthrough Prizes in Life Sciences	<ul style="list-style-type: none"> • Clifford P. Brangwynne • Anthony A. Hyman • Demis Hassabis • John Jumper • Emmanuel Mignot • Masashi Yanagisawa
Fundamental Physics	<ul style="list-style-type: none"> • Charles H. Bennett, • Gilles Brassard, • David Deutsch, • Peter W. Shor
New Horizons in Physics Prize	<ul style="list-style-type: none"> • David Simmons-Duffin • Anna Grassellino • Hannes Bernien • Manuel Endres • Adam M. Kaufman • Kang-Kuen Ni • Hannes Pichler • Jeff Thompson
New Horizons in Mathematics Prize	<ul style="list-style-type: none"> • Ana Caraiani • Ronen Eldan • James Maynard
Maryam Mirzakhani New Frontiers Prize	<ul style="list-style-type: none"> • Maggie Miller • Jinyoung Park • Vera Traub,

IMPORTANT DAYS

World Pharmacists Day - September 25





- ❖ It aims to honour all medical specialists who provide their services with empathy and understanding.
- ❖ The International Pharmaceutical Federation (FIP) Council first announced World Pharmacist Day in 2009 at the World Congress of Pharmacy and Pharmaceutical Sciences in Istanbul, Turkey.
- ❖ This day in 1912 saw the establishment of FIP.

International Daughter's Day - September 25

- ❖ This day is observed every year on the fourth Sunday of September.
- ❖ This year, the day is being celebrated on Sunday, September 25.
- ❖ This day is celebrated to cherish our daughters who bring love and happiness to our lives.

World Contraception Day - September 26

- ❖ It aims to raising awareness of family planning and contraceptive information.
- ❖ It is an annual global campaign that emphasises the value of reproductive health while shedding light on birth control options.
- ❖ It was first observed on September 26th in 2007.



International Day for the Total Elimination of nuclear weapons - September 26

- ❖ The aim of the day is to enhance public awareness about the threat posed to humanity by nuclear weapons and the necessity for their total elimination.
- ❖ The General Assembly endorsed the objective of general and complete disarmament in 1959.



- ❖ The first Special Session of the General Assembly Devoted to Disarmament, held in 1978.
- ❖ On July 7, 2017, the Treaty on the Prohibition of nuclear weapons was adopted.
- ❖ This Treaty is so important since it is the first multilateral legally-binding instrument for nuclear disarmament to have been negotiated in 20 years.



World Tourism Day - September 27



- ❖ This day is celebrated every year to focus on promoting tourism in various parts of the world.
- ❖ It was initiated by the United Nations World Tourism Organisation (UNWTO).
- ❖ The theme of World Tourism Day 2022 is 'Rethinking Tourism'.
- ❖ The World Tourism Organisation (UNWTO) started World Tourism Day in 1979.
- ❖ The celebrations for the same officially began in 1980.
- ❖ This date marks the anniversary of the adoption of the Statutes of UNWTO.

