

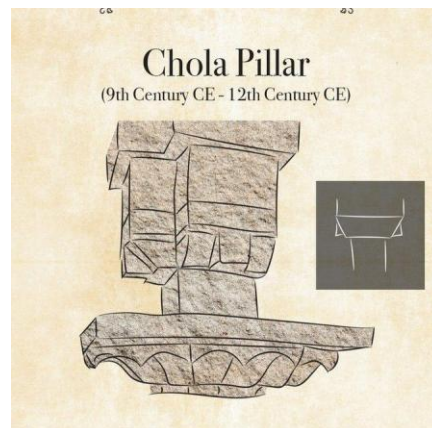
November - 24

TNPSC BITS

- ❖ TN Chief Minister inaugurated the 21 storey TIDEL Park at Pattabiram, Avadi, near Chennai.
- ❖ A renowned agricultural scientist K.C. Bansal has been elected as a Fellow of The World Academy of Sciences (TWAS) for the advancement of science in developing countries.
- ❖ The 57th Executive Committee (EC) meeting of the National Mission for Clean Ganga (NMCG) approved various projects amounting to ₹1,062 crore.
- ❖ Manoj Bajpayee's 'The Fable' has bagged the best film award at the 38th Leeds International Film Festival in the UK.
- ❖ SBI unveiled a specially minted ₹100 commemorative coin to mark the centenary of its iconic Horniman Circle Branch in Mumbai.
- ❖ A First of its Kind, a day-long Finance Commissions' Conclave on "Devolution to Development" was organized by the Ministry of Panchayati Raj in New Delhi.
- ❖ The small village of Dhudmaras, in Chhattisgarh's Bastar district, has been selected by the United Nations World Tourism Organization (UNWTO) for its Best Tourism Village Upgrade program.
- ❖ Brazil officially transferred the G20 Presidency to South Africa during the closing ceremony of the annual G20 summit in Rio.

TAMIL NADU

12th century chola Era pillar

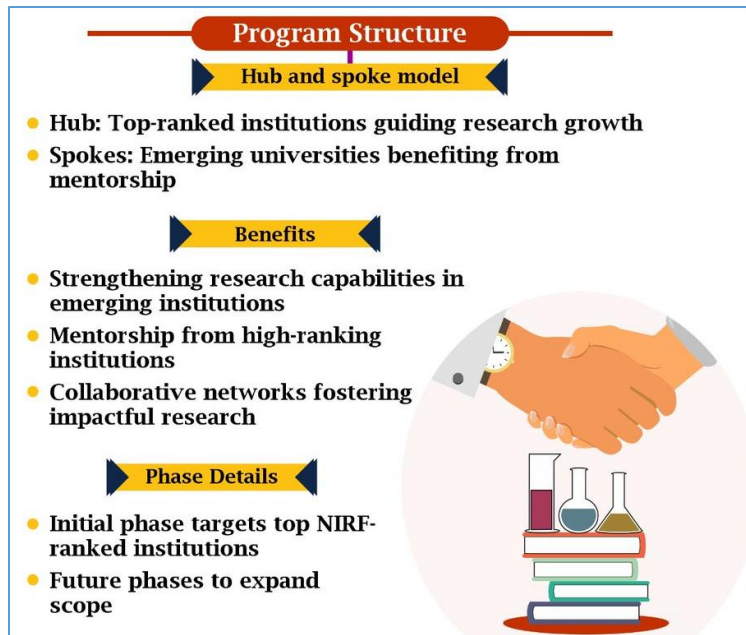


- ❖ A 12th-century Chola-era stone pillar with inscription was recently discovered Palur, Cuddalore.

- ❖ It etched in the year 1125 AD and denotes the land donation to the shiva temple by people of the village.
- ❖ It pertains to the 5th year of the reign of vikrama chola.
- ❖ As per the inscription, these donated lands were measured using a chola measurement system known as Pathinalu adikol.

NATIONAL

ANRF's PAIR program

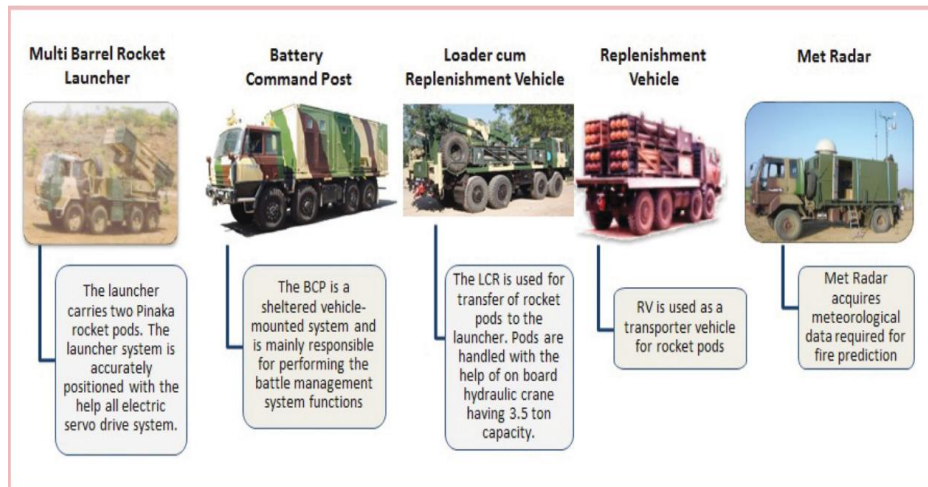


- ❖ The Union Government-led Anusandhan National Research Foundation (ANRF) has launched the Partnerships for Accelerated Innovation and Research (PAIR) program.
- ❖ The PAIR programme aims to bring major transformation in Indian Universities.
- ❖ It will cultivate the research excellence in central and state public universities by fostering collaborations with top-tier institutions via a mentorship-driven hub and spoke model.

Pinaka Weapon System

- ❖ The DRDO successfully completed the flight tests of guided Pinaka multi-barrel rocket (MBRL) system.
- ❖ This enhances the range of the Pinaka to over 75km.
- ❖ Currently, there are two types of this system.

- ❖ The first is Mark I, with a range of 40 kilometers, and the second is Mark II, with a range of 75 kilometers.
- ❖ Eventually, the plan is to take up the range to 120 km and then to 300 km.
- ❖ It can fire all 12 rockets in salvo mode in just 44 seconds, with a rocket launched every 4 seconds.
- ❖ The Pinaka rocket launcher is considered to be equivalent to the US Himer's system.
- ❖ The first order for it was placed by Armenia.
- ❖ Now France has also shown interest in this rocket system.



Components of Pinaka Battery

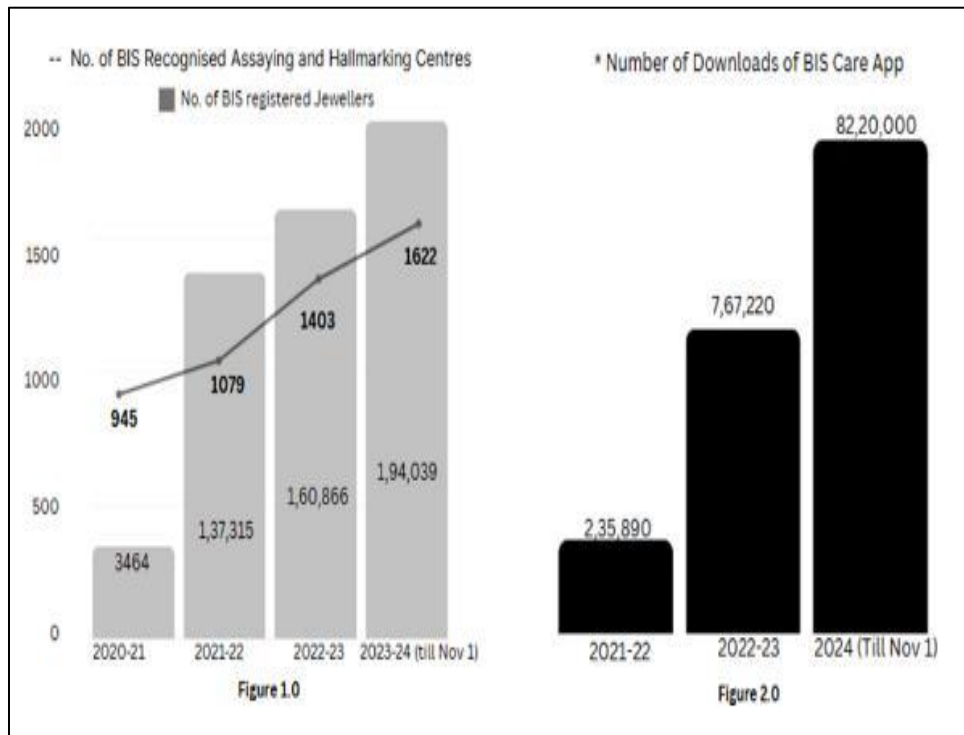
e-Tarang system



- ❖ Armed forces launched the AI-enabled 'e-Tarang System'.

- ❖ It is an innovative solution for the automated planning and management of Defence Spectrum.
- ❖ e-Tarang will streamline the interference-free operational planning for defence equipment in both wartime and peacetime.

4th phase of mandatory hallmarking

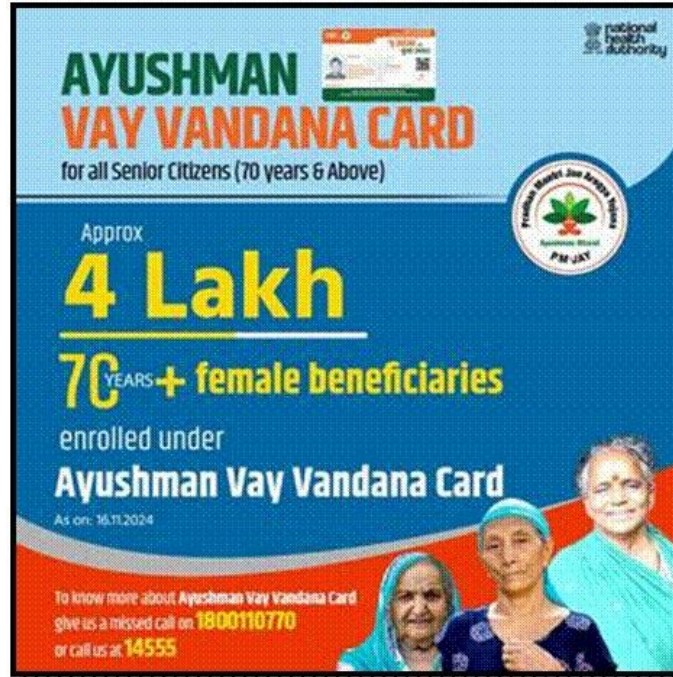


- ❖ The Bureau of Indian Standards has kickstarted the fourth phase of mandatory hallmarking of gold jewellery and gold artifacts from November 5.
- ❖ Since the launch of mandatory hallmarking on June 23, 2021, over 40 crore gold jewellery items have been hallmarked with a unique ID.
- ❖ This is ensuring greater trust and transparency for the consumers in the market.

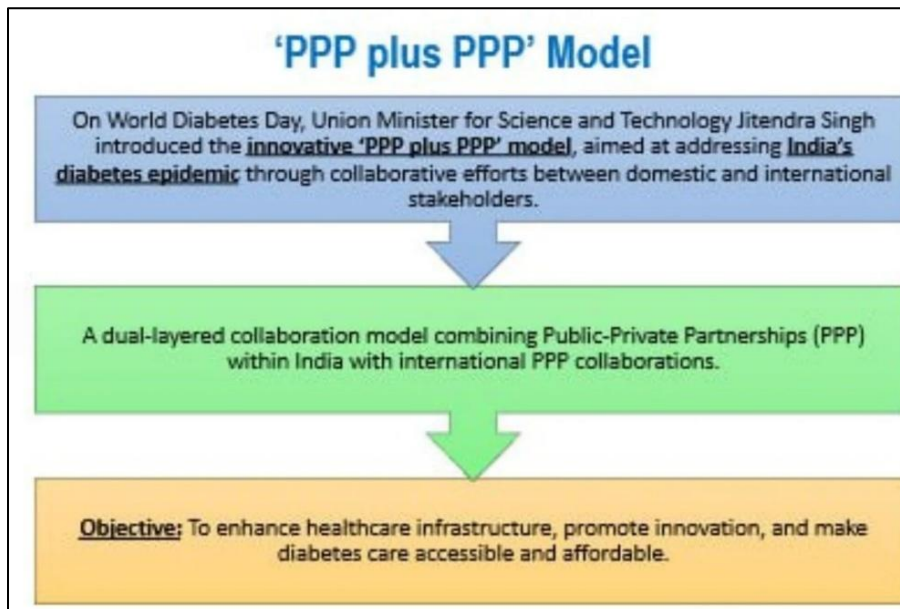
AB Vaya Vandana Cards

- ❖ More than 10 lakh senior citizens aged 70 and above have enrolled for the newly launched Ayushman Vay Vandana Card
- ❖ It is enabling them to access free healthcare benefits under the Ayushman Bharat Pradhan Mantri Jan Arogya Yojana (AB PM-JAY).
- ❖ This achievement comes within three weeks of the card's rollout on October 29, 2024.

- ❖ Around 4 lakh enrolments under Ayushman Vay Vandana card are by females.



‘PPP plus PPP’ Model



- ❖ The Centre has introduced the ‘PPP plus PPP’ model to unite domestic and international partnerships for scalable diabetes solutions in the country.
- ❖ It is defined as “public-private partnership domestically, collaborating with public-private partnerships internationally.

- ❖ This collaborative framework is key to tackling healthcare challenges of such vast proportions and harnessing global expertise for local benefit.

INTERNATIONAL

Gabon's New Constitution

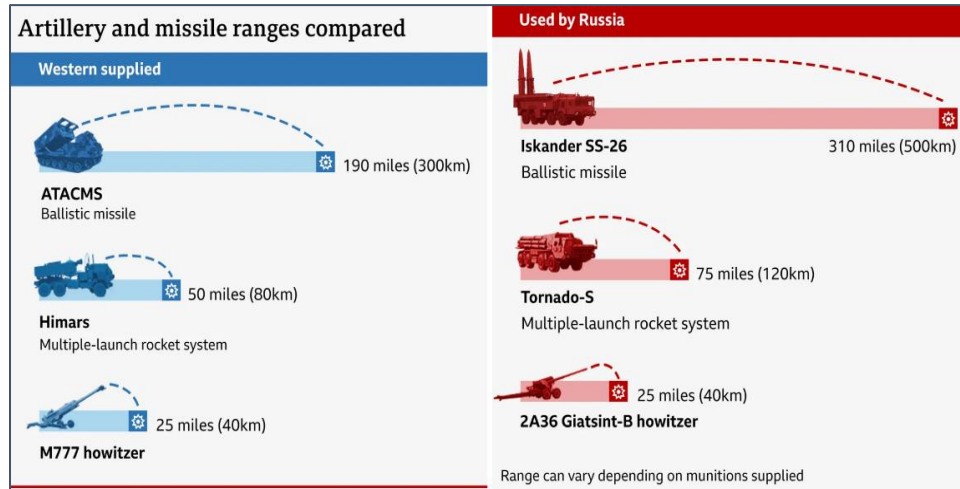
- ❖ Gabonese voters have approved of a new constitution by a landslide 91.8 per cent proposed by the country's military rulers.
- ❖ The proposed new constitution introduces a limit of two terms on the presidency.
- ❖ It also increasing the length of terms from five to seven years.
- ❖ The Central African Country's new constitution also abolishes the position of prime minister.
- ❖ It also specifies that family members cannot succeed a president.
- ❖ Military officers seized power in a coup in August 2023, ousting former President Ali Bongo Ondimba.



Army Tactical Missile Systems

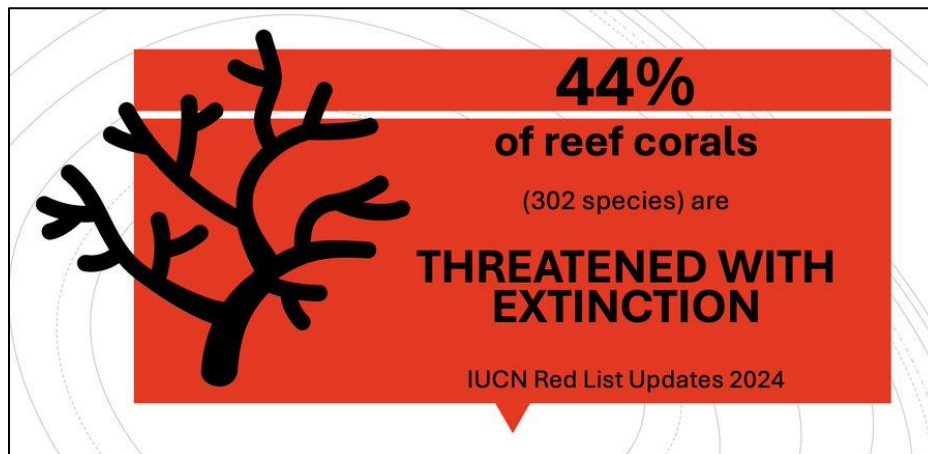
- ❖ Ukraine has fired US-supplied longer-range missiles at a target inside Russian territory.
- ❖ The Army Tactical Missile System (ATACMS) is a surface-to-surface ballistic missile capable of hitting targets at up to 300km (186 miles).
- ❖ They were first used in the Gulf War of 1991.

- ❖ It follows a ballistic path into the atmosphere and back down at a high speed and high angle, making them difficult to intercept.



ENVIRONMENT

Extinction of Coral Species



- ❖ The latest global assessment by the International Union for Conservation of Nature (IUCN) has revealed a concerning statistic.
- ❖ 44 per cent of reef-building coral species are now at risk of extinction.
- ❖ This number has increased from 33 per cent in 2008 when the IUCN last assessed the situation.
- ❖ The latest findings indicate that 44 per cent of the 892 species of warm-water corals face risks from multiple threats.
- ❖ Among these species, 56 are categorised as vulnerable (15 per cent), 251 as endangered (67 per cent) and 33 as critically endangered (9 per cent).

- ❖ Coral reefs generate about \$375 billion annually through tourism and related industries.

African Penguin – Endangered

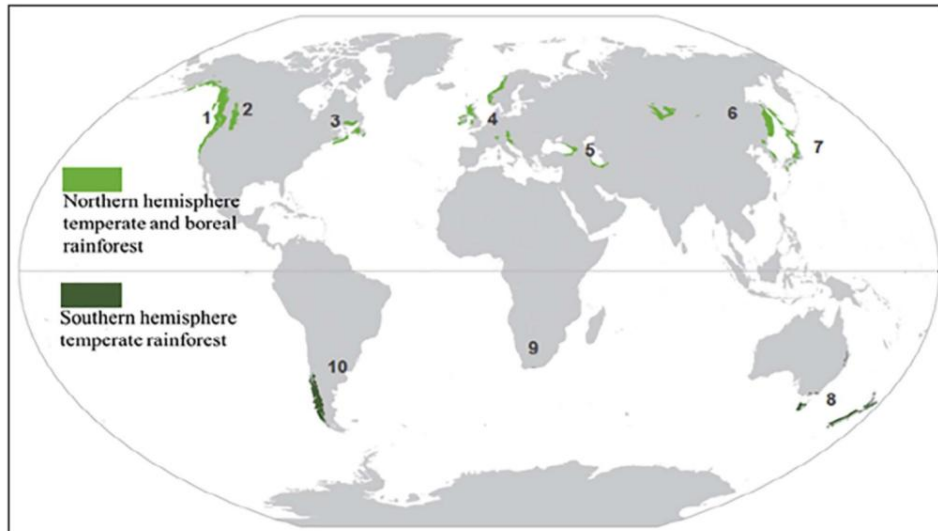


- ❖ The African penguin became the first penguin species in the world to be listed as critically endangered on the (IUCN) Red List.
- ❖ African penguins (*Spheniscus demersus*) are found only in Namibia and South Africa.
- ❖ 97% of its population already lost.
- ❖ At present there are fewer than 20,000 birds left in the wild.
- ❖ It will likely become extinct in the wild by 2035.

Threats to Temperate Rainforests

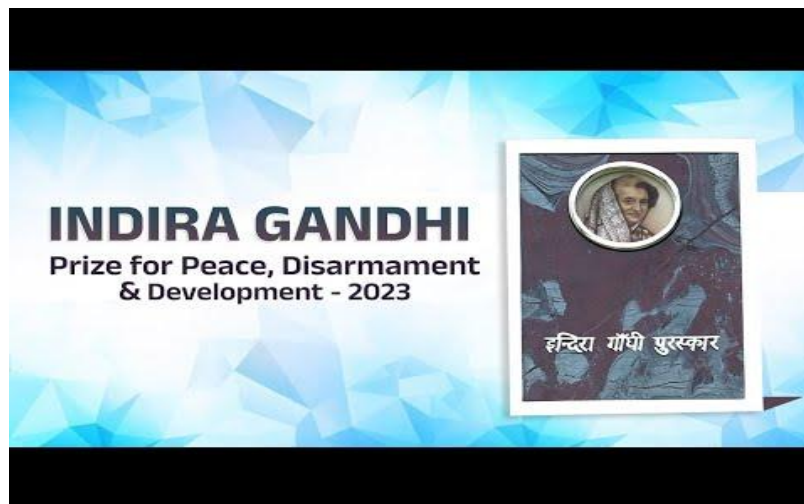
- ❖ More than 68 per cent of temperate rainforests would be lost to climate change under a 'business-as-usual' scenario.
- ❖ 'Business-as-usual' suggests a likely outcome if no concerted efforts are taken to reduce greenhouse gas emissions.

- ❖ About two-thirds of such forests would be lost under this scenario by 2100.
- ❖ Temperate rainforests are rare ecosystems found only in wet and cool regions.
- ❖ They are spread over less than one per cent of the planet's terrestrial surface and account for about 2.5 per cent global forest cover.
- ❖ The countries with the largest temperate rainforest climate biome are Canada, the US, Chile, Japan, Australia, New Zealand and the UK.



PERSONALITIES, AWARDS, AND EVENTS

Indira Gandhi Peace Prize 2023



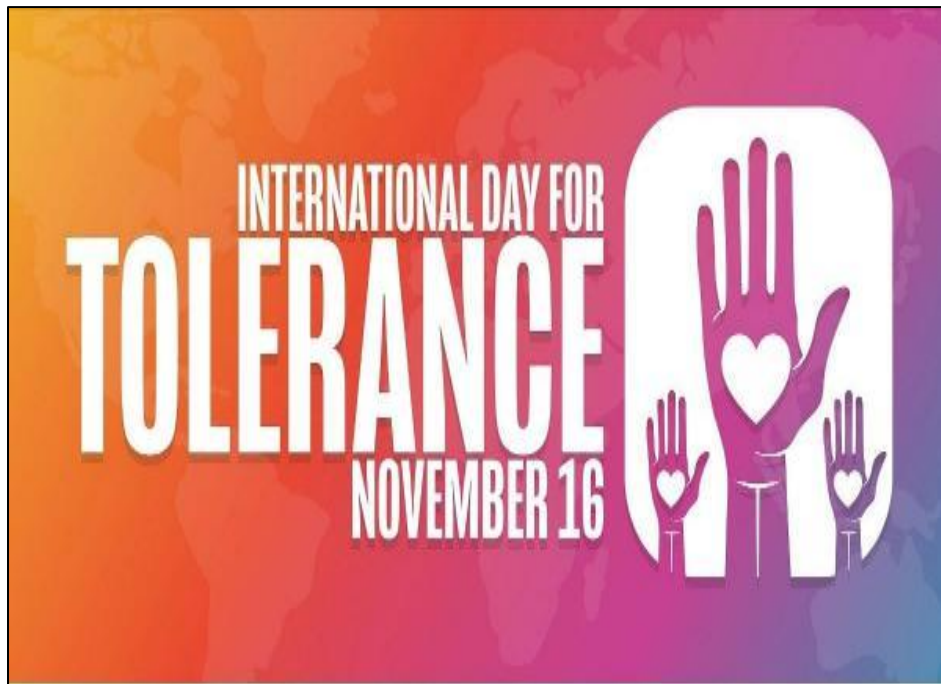
- ❖ The Indira Gandhi Prize for Peace, Disarmament, and Development for 2023 was presented to classical pianist and conductor Daniel Barenboim and Palestinian peace activist Ali Abu Awwad.



- ❖ The prize was given to Mr. Barenboim for his contribution to foster peace through musical and cultural dialogue initiatives.
- ❖ Mr. Awwad awarded for his advocacy for dialogue through his organisation Roots, an outfit that he started after spending time in an Israeli jail.

IMPORTANT DAYS

International Day of Tolerance 2024 - November 16



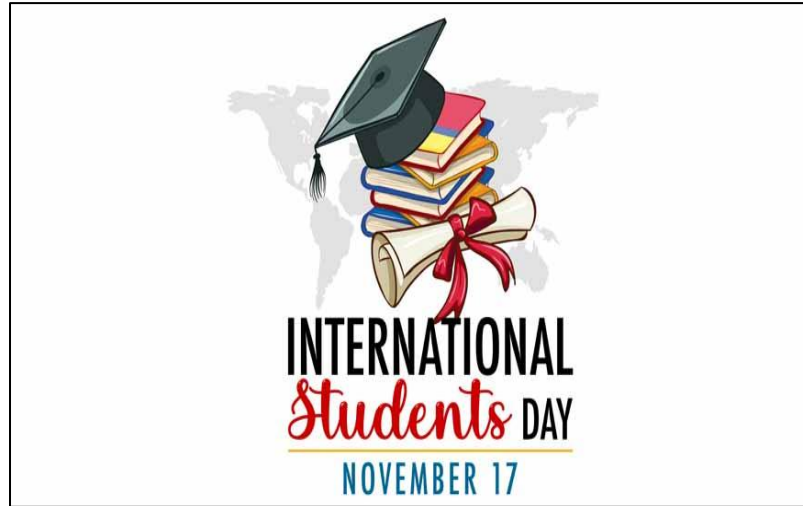
- ❖ The Declaration of Principles on Tolerance was adopted by UNESCO's Member States on 16 November 1995.
- ❖ In 1996, the UN General Assembly proclaimed this day.
- ❖ The Declaration affirms that tolerance is neither indulgence nor indifference.
- ❖ It is respect and appreciation of the rich variety of our world's cultures, our forms of expression and ways of being human.

International students' day 2024 - November 17

- ❖ The day is commemorated in memory of the bravery of thousands of student activists who stood for their rights during World War II.
- ❖ During the Nazi attack, students fought for the right to higher education in Prague.



- ❖ The Nazi forces occupied the Czech Republic on November 17, 1939 and executed nine protesters without trial.



World Toilet Day 2024 - November 19



- ❖ This day is aimed at raising global awareness and action to address the urgent sanitation crisis.
- ❖ This day has been dedicated to emphasizing the importance of safe and accessible toilet facilities as part of Sustainable Development Goal 6: Ensuring water and sanitation for all by 2030.
- ❖ This year's theme is 'Toilets - A Place for Peace'.

World Children's Day 2024 - November 20

- ❖ It aims to promote the international togetherness, awareness among children worldwide, and improving children's welfare.
- ❖ In 1959, the UN General Assembly adopted the Declaration of the Rights of the Child on November 20.

- ❖ It is also the date in 1989 when the UN General Assembly adopted the Convention on the Rights of the Child.
- ❖ The theme for 2024 is "Listen to the Future."



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