



October - 05

TNPSC BITS

- ❖ A Chinese team set a Guinness World Record by operating 116 TH-618 autonomous underwater vehicles (AUVs) for 34 minutes over 500 metres in a swimming pool in China, without human intervention.
- ❖ India won its first-ever Asian Games gold medal in the women's recurve archery team event at the 2026 Asian Games in Aichi-Nagoya, Japan.
- ❖ A 3-year-old Royal Bengal tigress was translocated from Valmiki Tiger Reserve, Bihar, and released into Buxa Tiger Reserve in Alipurduar, West Bengal, marking the launch of the State's first tiger reintroduction project.
- ❖ The Rogun Hydropower Project in Tajikistan is nearing its planned height of 335 metres, which would make it the world's tallest dam after completion.
 - The dam is being built on the Vakhsh River, a major tributary of the amu darya river system.
- ❖ Zuppa Geo Navigation Technologies signed an MoU with the Tamil Nadu Unmanned Aerial Vehicles Corporation (TNUAVC) to develop a DGCA-certified drone pilot training programme for Agniveers and defence personnel.
- ❖ OpenAI unveiled GPT-6.1 Sol and Dots AI agents at its DevDay 2026 conference in San Francisco, California, USA.
- ❖ SpaceX's Starship reached Earth orbit for the first time and deployed 26 Starlink satellites during a test flight.
- ❖ India has crossed 1,000 km in quantum-secure communication, achieving more than half of the eight-year target of the National Quantum Mission in less than three years.
 - The mission aims to strengthen national security and develop India's quantum technology ecosystem.
- ❖ Six of the 24 Department-related Parliamentary Standing Committees are set to get new chairpersons, with the Trinamool Congress (TMC) losing two posts.
 - BJP MPs Sudhanshu Trivedi, Sujeet Kumar, Shashank Mani and Sudhir Gupta will head the Commerce, Personnel, Labour and Railways Committees respectively, while Kakoli Ghosh Dastidar and Mukul Wasnik will head the Chemicals and Education Committees.
- ❖ India won its first athletics gold medal at the 2026 Asian Games in the women's 4×400m relay at Nagoya City Mizuho Park Athletic Stadium, Aichi-Nagoya, Japan.

- ❖ World Rivers Day 2026 will be observed on 27 September, the fourth Sunday of September, to promote river conservation, protect freshwater ecosystems, and raise awareness about the importance of rivers.
- ❖ World Animal Day is observed annually on 4 October to promote animal welfare, protection and humane treatment of animals.
 - The theme for the year 2026 is “See the World Through Their Eyes”.

NATIONAL NEWS

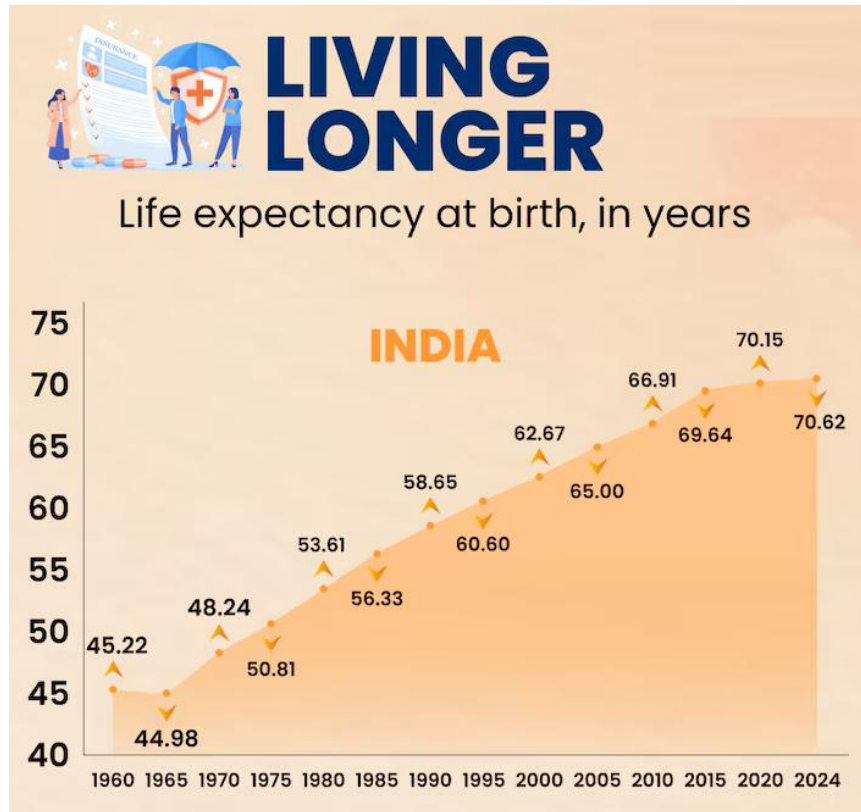
Centres of Excellence for Classical Languages



- ❖ The Union Government approved five Centres of Excellence for Assamese, Bengali, Marathi, Pali and Prakrit classical languages.
- ❖ The centres will support advanced research, preservation, documentation and digitisation of linguistic and literary heritage.
- ❖ The Centre for Classical Assamese will be at Tezpur University, Assam, Bengali at Visva-Bharati University, West Bengal, and Marathi at Deccan College, Pune, Maharashtra.
- ❖ The Centre for Classical Pali will be at Central University of Odisha, while the Prakrit centre will be at Central University of Gujarat.
- ❖ A total of 11 languages have been granted classical language status in India.

- ❖ A language is recognised as a Classical Language if it has 1,500–2,000 years of recorded history, a rich body of ancient literature, an original literary tradition, and a classical form distinct from its later or modern forms.

Health Trends in India

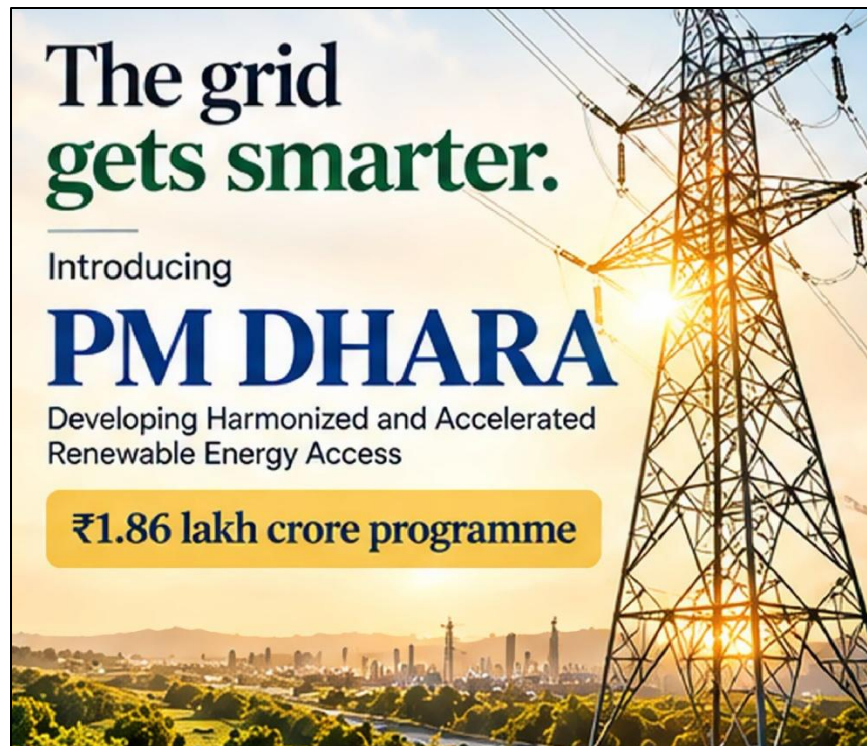


- ❖ The WHO estimates show India's life expectancy at birth reached 71 years in 2023, higher than Pakistan's 68.2 years but lower than Bangladesh's 72.7 years.
- ❖ India's life expectancy fell from 70.5 years in 2019 to 68.1 years in 2021, then recovered to 71 years in 2023.
- ❖ India's healthy life expectancy was 60.6 years in 2023, compared with 58.4 years in 2021 and 60.5 years in 2019.
- ❖ At age 60, Indians could expect another 18.8 years of life in 2023, including 13.7 healthy years.
- ❖ India's disease pattern shifted from communicable diseases making up nearly 62% of deaths from the top 10 causes in 2000 to non-communicable diseases (NCDs) making up nearly 75% in 2023.
- ❖ In 2023, major causes of death included ischaemic heart disease, chronic obstructive pulmonary disease (COPD), stroke and diabetes, while tuberculosis and diarrhoeal diseases remained among the top 10 causes.

- ❖ WHO's Global Health Estimates cover life expectancy, healthy life expectancy, causes of death and disease burden from 2000 to 2023; global life expectancy reached 73.3 years in 2023.

PM-DHARA Scheme – Green Energy Transmission

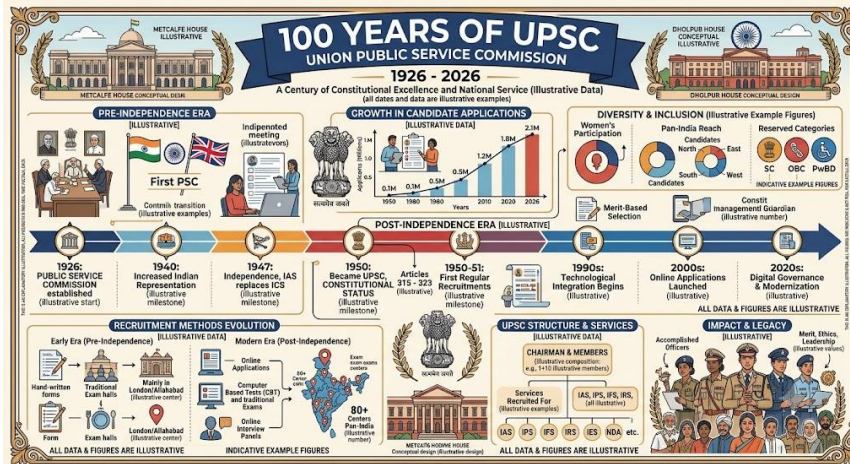
- ❖ The Union Cabinet approved PM-DHARA (PM-Developing Harmonized and Accelerated Renewable-energy Access) to strengthen intra-State transmission systems.
- ❖ The scheme aims to evacuate up to 135 GW of renewable energy by FY 2032–33.
- ❖ It has a Central Financial Support of ₹54,082 crore to offset intra-State transmission charges and keep electricity costs lower.
- ❖ 50 GWh of Battery Energy Storage Systems (BESS) will be deployed to improve grid flexibility and manage renewable energy intermittency.
- ❖ PM-DHARA supports renewable energy integration, energy storage, energy security and reduction of India's carbon footprint, targeting 900 GW installed non-fossil energy capacity by 2035.



100 Years of UPSC

- ❖ The Union Public Service Commission (UPSC) completed 100 years on 1 October 2026, marking its centenary since establishment in 1926.

- ❖ The first Public Service Commission was established on 1 October 1926, with Sir Ross Barker as its Chairman.
- ❖ The Government of India Act, 1935 reorganised it as the Federal Public Service Commission (FPSC).
- ❖ The Constitution of India (1950) gave UPSC constitutional status under Articles 315–323, with Article 320 defining its major functions.
- ❖ UPSC conducts the Civil Services Examination (CSE) for services including the Indian Administrative Service (IAS), Indian Police Service (IPS) and Indian Forest Service (IFoS).



INTERNATIONAL NEWS

IPU Assembly in Tanzania

The **153rd** IPU Assembly will conclude with the election of a new IPU President on **9th October 2026** in **Arusha**.

IPU 153rd ASSEMBLY
Arusha, Tanzania
5-9 October 2026

- ❖ Harivansh, Deputy Chairman of Rajya Sabha, is leading the Indian Parliamentary Delegation to the 153rd Assembly of the Inter-Parliamentary Union (IPU) in Arusha, Tanzania.

- ❖ The Inter-Parliamentary Union (IPU) is the global organisation of national parliaments, founded in 1889 and headquartered in Geneva, Switzerland.
- ❖ The IPU works to promote parliamentary dialogue, democracy, peace, human rights and sustainable development among countries.
- ❖ The Assembly's theme is "Enhancing good governance and empowering communities through inclusivity, trust and opportunities for all."
- ❖ Discussions will cover democracy, human rights, peace and security, artificial intelligence (AI), health, climate change and women's participation.

ENVIRONMENT NEWS

Second Lion Habitat – Barda



- ❖ Gujarat has restructured the Porbandar Forest Division to strengthen forest management and develop Barda, Gujarat, as a second habitat for Asiatic lions.
- ❖ The restructuring follows the natural return of Asiatic lions to Barda after 143 years.
- ❖ Gujarat's 2026 lion census recorded 891 Asiatic lions, up from 674 in 2020.
- ❖ Barda is in the Saurashtra region of Gujarat and will provide an alternative habitat beyond the Gir landscape.

- ❖ Gir landscape in Gujarat is the first and main natural habitat of Asiatic lions.
- ❖ The Asiatic lion is classified as Endangered by the IUCN and is naturally found only in Gujarat.

IMPORTANT DAYS

World Rabies Day 2026 - September 28

- ❖ The day aims to raise awareness about rabies prevention and elimination.
- ❖ The theme for the year 2026 is “Stronger Together”.
- ❖ Rabies is a deadly zoonotic disease that kills nearly 59,000 people every year.
- ❖ Once symptoms appear, rabies has an almost 100% fatality rate.
- ❖ The day has been marked globally since 2007 with support from the Global Alliance for Rabies Control (GARC).

