



September - 09

TNPSC BITS

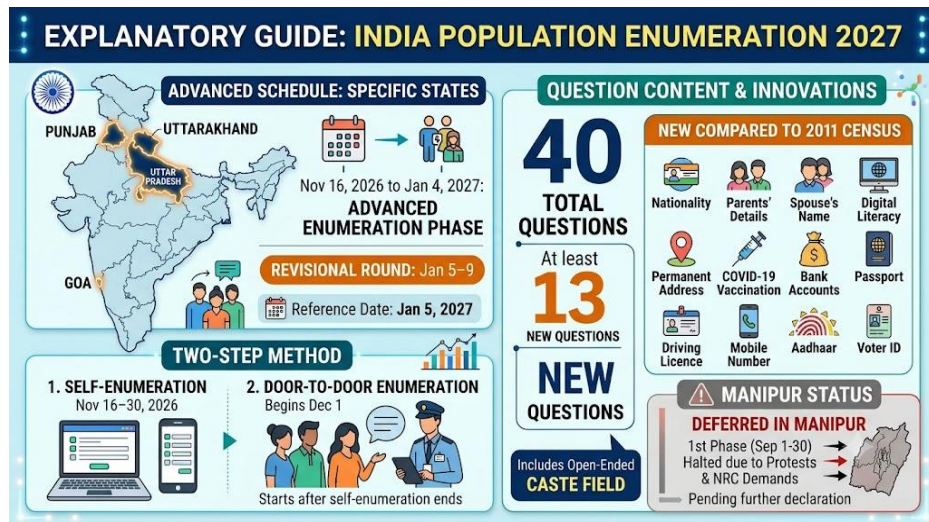
- ❖ India secured a record 9 medals at the 19th International Earth Science Olympiad (IESO) 2026 held in Italy.
 - The Indian team won 4 gold, 3 silver and 2 bronze medals among participants from 39 countries.
- ❖ West Bengal Chief Minister Suwendu Adhikari launched 'Arjun Vahini', a 200-member specialised disaster response squad modelled on the National Disaster Response Force (NDRF), on 1 September 2026.
- ❖ Air Vice Marshal Shakti Sharma became the first woman officer from the non-medical branch of the Indian Armed Forces to attain the rank of Air Vice Marshal or equivalent on 1 September 2026.
 - Commissioned into the IAF Education Branch in 1994, she assumed charge as Assistant Chief of the Air Staff (Education) and was the first woman Tri-Services officer to command a Sainik School, serving as principal of Sainik School, Kapurthala.
- ❖ Anak Krakatau volcano in Indonesia erupted, disrupting nearly 3,000 flights and leaving over 340,000 passengers stranded.
 - Anak Krakatau, meaning "Child of Krakatoa", is located in the Sunda Strait, between Java and Sumatra, about 150 km from Jakarta; it emerged from the sea in the caldera formed after the 1883 eruption of Mount Krakatoa.
- ❖ The International Day of Charity is observed every year on 5 September to encourage people, Non-Governmental Organizations (NGOs) and other stakeholders to help others through volunteering and charitable activities.

NATIONAL NEWS

Population Enumeration 2027

- ❖ The Population Enumeration phase of Census 2027 has been advanced in four poll-bound States, while the exercise in Manipur has been deferred.
- ❖ Uttar Pradesh, Punjab, Uttarakhand and Goa will conduct population enumeration from November 16, 2026 to January 4, 2027, followed by a revisional round from January 5–9.
- ❖ The second phase will have 40 questions, including an open-ended caste field; at least 13 questions are new compared with the 2011 Census.

- ❖ New questions cover nationality, parents' details, spouse's name, digital literacy, permanent address, COVID-19 vaccination, bank accounts, passport, driving licence, mobile, Aadhaar and voter ID.
- ❖ Self-enumeration will be available from November 16–30, 2026, before the door-to-door exercise begins on December 1; the reference date for these four States is January 5, 2027.
- ❖ Census work in Manipur has been deferred till further declaration; its first phase, scheduled for September 1–30, was halted after protests and demands for a National Register of Citizens (NRC).



INTERNATIONAL NEWS

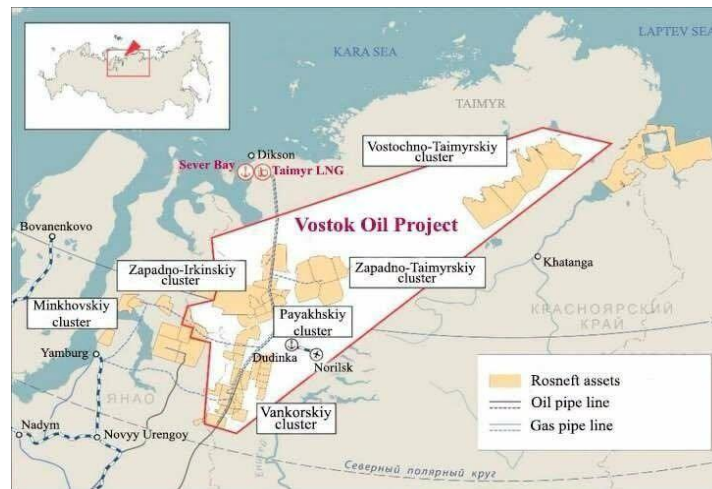
Kharg Island Tanker Attack



- ❖ U.S. forces struck three Iranian oil tankers on 5 September 2026, including one near Kharg Island, after Iran's Islamic Revolutionary Guard Corps (IRGC) launched ballistic missiles at two U.S. Navy ships.

- ❖ Kharg Island is located in the Persian Gulf, in Bushehr Province, Iran, about 30 miles northwest of the port of Bushehr.
- ❖ It is Iran's largest crude oil export terminal, with most of the country's crude oil exports passing through the island.
- ❖ Iran said its forces also targeted three tankers in the Strait of Hormuz and other U.S.-linked vessels.
- ❖ The attacks increased concerns over oil supplies and shipping through the Strait of Hormuz, a major global energy route.

Vostok Oil Pipeline



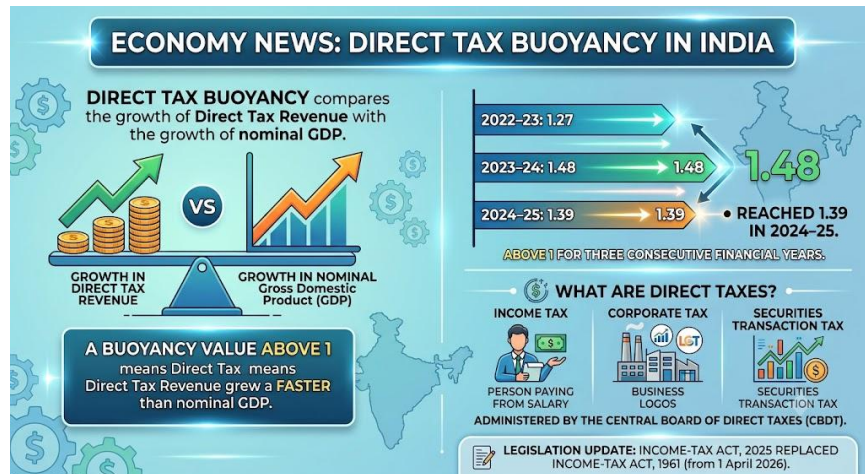
- ❖ Russia began the first oil flow through the Vostok Oil trunk pipeline.
- ❖ The pipeline carries crude to the Sever Bay (Bukhta Sever) terminal in Krasnoyarsk Krai, Russia.
- ❖ Vostok Oil is a major Arctic oil project led by Rosneft.
- ❖ The project has an estimated resource base of about 7 billion tonnes of liquid hydrocarbons.
- ❖ The pipeline system connects the Vankor and Payakha oil fields with the coastal export terminal.
- ❖ The project is linked to oil transportation through Russia's Northern Sea Route.

ECONOMY NEWS

Direct Tax Buoyancy

- ❖ India's direct tax buoyancy remained above 1 for the third consecutive financial year, reaching 1.39 in 2024-25.

- ❖ Direct tax buoyancy compares the growth in direct tax revenue with the growth in nominal Gross Domestic Product (GDP).
- ❖ The ratio was 1.27 in 2022–23, 1.48 in 2023–24, and 1.39 in 2024–25.
- ❖ A buoyancy value above 1 means direct tax revenue grew faster than nominal GDP.
- ❖ Direct taxes include income tax, corporate tax and securities transaction tax, and are administered by the Central Board of Direct Taxes (CBDT).
- ❖ The Income-tax Act, 2025 replaced the Income-tax Act, 1961 from 1 April 2026.



SCIENCE AND TECHNOLOGY NEWS

Rabies Elimination - Bhutan



- ❖ Bhutan has become the first country in the World Health Organization (WHO) South-East Asia Region to eliminate dog-transmitted rabies as a public health problem.

- ❖ Rabies is a viral disease that affects the central nervous system and is almost always fatal once clinical symptoms appear.
- ❖ It is mainly transmitted through the saliva of infected animals, especially through bites.
- ❖ Dogs are the main source of human rabies deaths, accounting for about 99% of human rabies cases globally.
- ❖ Globally, rabies causes about 59,000 human deaths every year, with about one-third occurring in India.
- ❖ India aims to bring human rabies deaths to zero by 2030 under the National Rabies Control Programme.

ENVIRONMENT NEWS

Peat Fires – Indonesia



- ❖ Indonesia's peat fires are intensifying in 2026 due to severe drought and strengthening El Niño, with underground fires producing heavy pollution.
- ❖ Peat fires burn slowly underground in dried wetland soils and can continue for months, making them difficult to extinguish.
- ❖ Indonesia contains about 36% of the world's tropical peatlands, mainly in Kalimantan, Sumatra and Papua.

- ❖ Peat fires can produce about 3 times more fine particulate matter and 2 times more methane and carbon monoxide than other tropical forest fires.
- ❖ MODIS (Moderate Resolution Imaging Spectroradiometer) and VIIRS (Visible Infrared Imaging Radiometer Suite) satellites are used to monitor fires, but thick smoke can hide the worst fires.
- ❖ About 90% of Indonesia received little or no rainfall in early August 2026, while the SiPongi system recorded 946 hotspots on August 31.

REPORTS AND INDICES

CVC Annual Report 2025

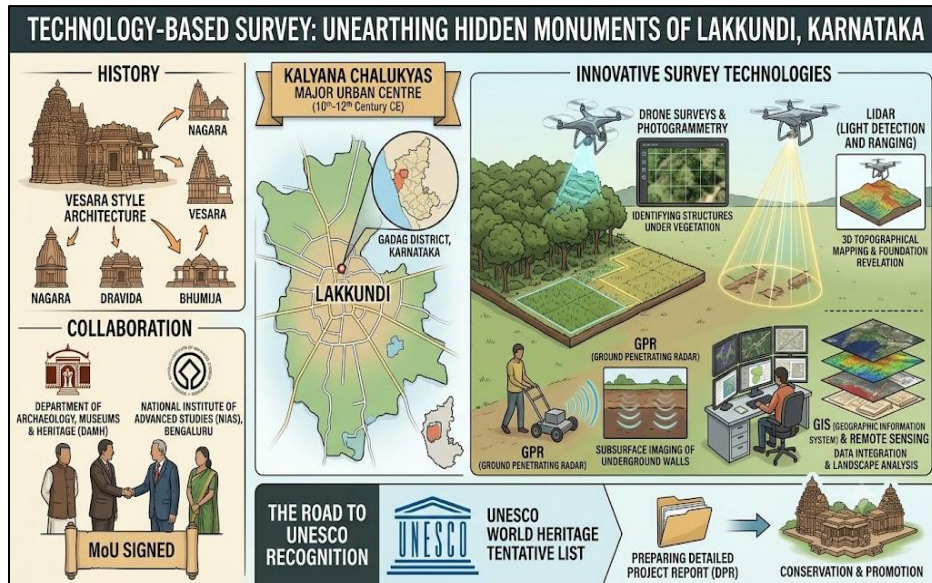


- ❖ The Central Vigilance Commission (CVC) released its Annual Report 2025, highlighting over 7,200 corruption cases investigated by the Central Bureau of Investigation (CBI) that remain pending trial.
- ❖ The report is prepared and submitted by the CVC to the President of India under Section 14 of the Central Vigilance Commission Act, 2003.
- ❖ The President causes the report to be laid before both Houses of Parliament.
- ❖ The CVC functions under the Central Vigilance Commission Act, 2003, which gives it statutory status and defines its powers and functions.

- ❖ The CVC exercises superintendence over the CBI in cases related to offences under the Prevention of Corruption Act, 1988.
- ❖ The CVC was established in 1964 on the recommendation of the Santhanam Committee and became a statutory body in 2003.
- ❖ The CBI conviction rate increased from 69.14% in 2024 to 71.71% in 2025.
- ❖ The CBI had 1,088 vacant posts against a sanctioned strength of 7,300.
- ❖ Section 17A of the Prevention of Corruption Act, 1988 requires prior approval before investigating certain official decisions or recommendations of public servants.

STATE NEWS

Lakkundi Hidden Monuments – Karnataka



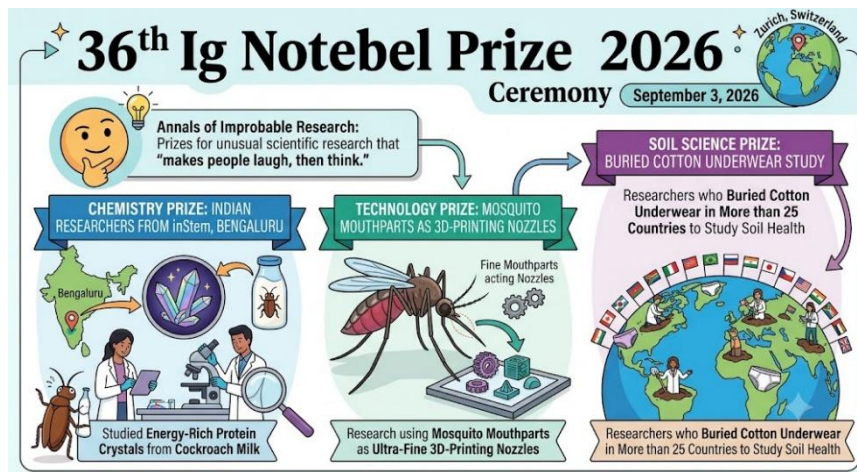
- ❖ Lakkundi in Gadag district, Karnataka, will undergo a technology-based survey to locate hidden monuments.
- ❖ Department of Archaeology, Museums and Heritage (DAMH) signed an MoU with the National Institute of Advanced Studies (NIAS), Bengaluru.
- ❖ Technologies include Light Detection and Ranging (LiDAR), Geographic Information System (GIS), remote sensing and Ground Penetrating Radar (GPR).
- ❖ Drone surveys and photogrammetry will also be used to identify structures hidden under vegetation.
- ❖ Lakkundi was a major urban centre during the 10th–12th centuries CE under the Kalyana Chalukyas.

- ❖ Its temples display Vesara style, combining Nagara, Dravida and Bhumija architectural styles.
- ❖ Karnataka is preparing a Detailed Project Report (DPR) to propose Lakkundi for the UNESCO World Heritage Tentative List.

PERSONALITIES, AWARDS, AND EVENTS

Ig Nobel Prize 2026

- ❖ The 36th Ig Nobel Prize ceremony was held on 3 September 2026 in Zurich, Switzerland, recognising unusual scientific research.
- ❖ The prizes are organised annually by Annals of Improbable Research for research that “makes people laugh, then think.”
- ❖ Indian researchers from inStem, Bengaluru, were part of the Chemistry Prize-winning team for studying energy-rich protein crystals from cockroach milk.
- ❖ The Technology Prize recognised research using mosquito mouthparts as ultra-fine 3D-printing nozzles.
- ❖ The Soil Science Prize recognised researchers who buried cotton underwear in more than 25 countries to study soil health.



IMPORTANT DAYS

National Teachers Day 2026 – September 5

- ❖ India observes Teachers' Day every year on 5 September to mark the birth anniversary of Dr. Sarvepalli Radhakrishnan.
- ❖ Dr. Radhakrishnan was born on 5 September 1888 at Tiruttani, Tamil Nadu, and was a philosopher, scholar and educationist.

- ❖ He served as India's first Vice President (1952–1962) and second President (1962–1967).
- ❖ He served as India's Ambassador to the Soviet Union (1949–1952) before becoming Vice President.
- ❖ He received the Bharat Ratna in 1954 and was also awarded the Order of Merit in 1963 by the United Kingdom.

