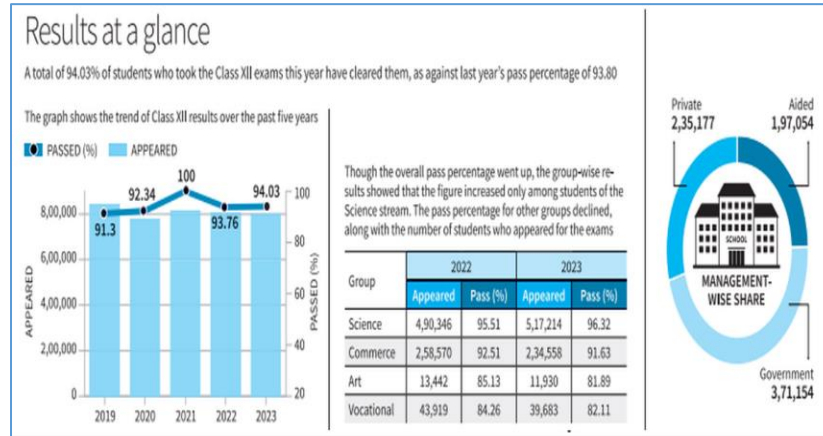


May - 10

TAMIL NADU

Tamil Nadu Board Class 12 Result 2023



- ❖ 8,03,385 students who appeared for the TN 12th exams of which over 7.5 lakh students cleared the exam.
- ❖ S. Nandhini, Daughter of a daily wager from Dindigul has scored 600 out of 600 marks in the Class 12 Tamil Nadu state board exams.
- ❖ Pass Percentage in 2023: 94.03 percent.
- ❖ Pass percentage of Girls: 96.38 percent.
- ❖ Pass percentage of Boys: 91.45 percent.
- ❖ Virudhnagar has topped in terms of district wise topper with 97.85 %.
- ❖ Virudhunagar district is followed by Tirupur at 97.79% and Perambalur at 97.59%.
- ❖ As per reports, a total of 326 schools in Tamil Nadu have recorded a 100 per cent pass percentage in the TN +2 Result 2023.
- ❖ The Union Territory of Puducherry recorded a passing percentage of 93.45 per cent in the TN state board run schools.
- ❖ In 2022, 93.80% students passed the exams.

NATIONAL

START Program

- ❖ ISRO has announced a new introductory-level online training program called Space Science and Technology Awareness Training (START).

- ❖ START is aimed at postgraduate and final-year undergraduate students of Physical Sciences and Technology.
- ❖ The programme is intended to provide students with an introductory-level training in Space Science and Technology.

For the Indian academic institutes, offering post-graduate / under-graduate courses on physical sciences/ technology

START

An online Space Science & Technology AwaReness Training

Major Themes

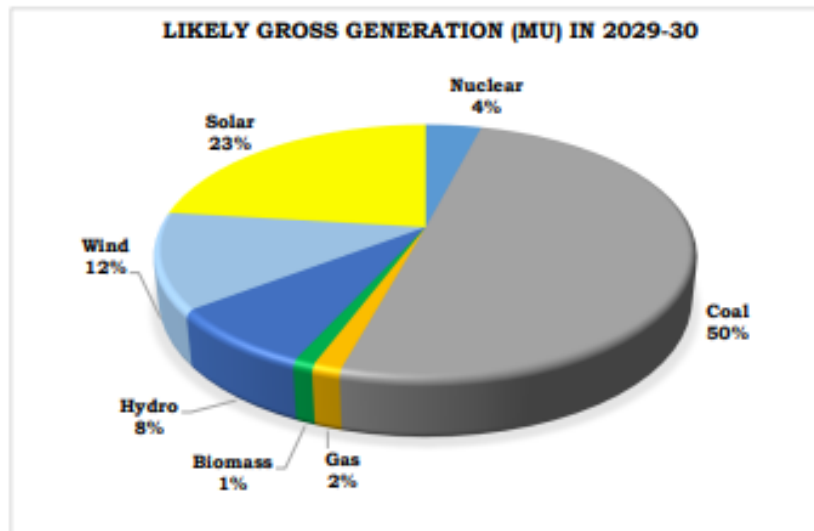
- Introduction to space
- Solar System
- Comparative Planetology
- Space Weather
- Astronomy & Astrophysics
- Astrobiology
- Indian Space Exploration Programme
- Research Opportunities in Space Science & Technology

- Indian academic institutions may send Expression of Interest by **May 20, 2023** through <https://jigyasa.iirs.gov.in/START>

A course of lectures by scientists from ISRO/DOS, IISc, IIA, IIG, TIFR, IISER

Science Programme Office (SPO), ISRO Headquarters & Indian Institute of Remote Sensing (IIRS), Dehradun

Optimal generation capacity mix for 2029-30

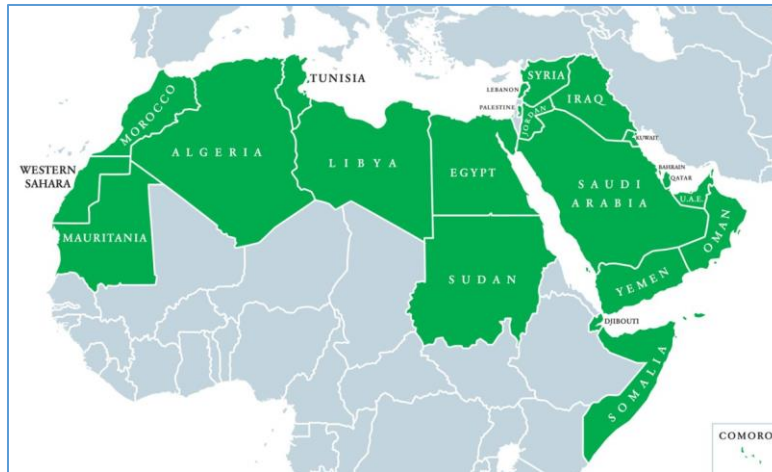


- ❖ The Central Electricity Authority (CEA) has released a report on optimal generation capacity mix for 2029-30.
- ❖ As per the report, the likely installed capacity by the end of the year 2029-30 will be 777,144 MW.
- ❖ The projected gross electricity generation during the year 2029-30 is likely to be 2,440.7 billion units.

- ❖ It is estimated that non-fossil fuels generation contribution is likely to be around 44 per cent of the gross electricity generation during the year 2029-30.

INTERNATIONAL

Syria's Return to Arab League



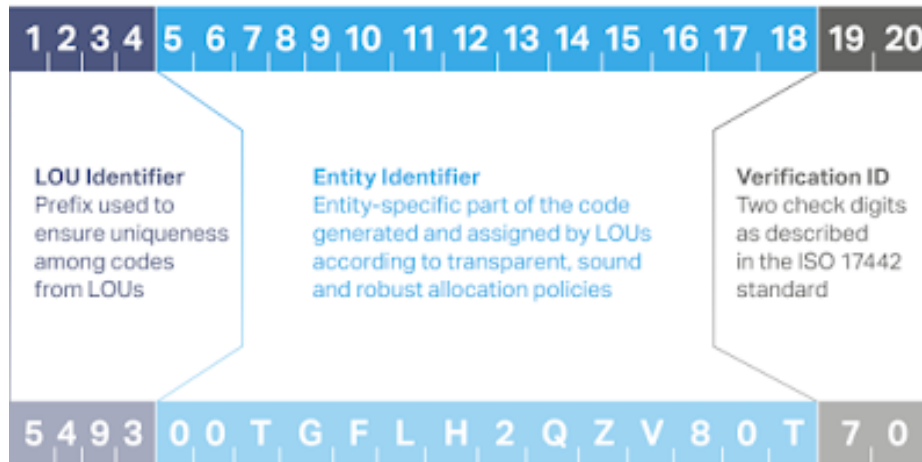
- ❖ Arab government representatives in Cairo (Egypt) to return Syria to the Arab League after a 12-year suspension.
- ❖ Syria's membership in the Arab League was suspended 12 years ago early on in the uprising-turned-conflict.
- ❖ It has killed nearly a half million people since March 2011 and displaced half of the country's pre-war population of 23 million.
- ❖ Arab League, is an intergovernmental pan-Arab organisation of all Arab states in the Middle East and North Africa.
- ❖ It was formed in Cairo, Egypt on 22nd March 1945, as per the adoption of the Alexandria Protocol in 1944.
- ❖ Currently, it has 22 member states.

ECONOMY

Legal Entity Identifier

- ❖ SEBI introduced Legal Entity Identifier (LEI) system for issuers that have listed or planning to list non-convertible securities, securitised debt instruments and security receipts.
- ❖ LEI is a unique global identifier for legal entities participating in financial transactions.

- ❖ It is designed to create a global reference data system that uniquely identifies every legal entity, in any jurisdiction, that is party to a financial transaction.
- ❖ It is a unique 20-character code to identify legally distinct entities that engage in financial transactions.
- ❖ Presently, RBI mandates non-individual borrowers having aggregate exposure of above Rs 25 crore to obtain LEI code.



SCIENCE AND TECHNOLOGY

Stable Auroral Red Arc



- ❖ Aurora borealis or Northern lights, which are usually seen in Polar regions, were captured in Ladakh, India.
- ❖ After analysing the aurora, it appears to be a “stable auroral red (SAR) arc”.
- ❖ SAR is a very rare event in Ladakh - and not a conventional aurora.
- ❖ An SAR arc is a band of reddish light seen in the sky.
- ❖ Unlike auroras where various colours appear in moving patterns, SAR displays are static and monochromatic.

- ❖ Both appear during periods of geomagnetic activity triggered by a wave of charged matter blasted out of the Sun.
- ❖ But their mechanism of formation is slightly different.
- ❖ These waves were witnessed from Europe, China and Ladakh in India.
- ❖ Such a happening was last witnessed in 2015.

ENVIRONMENT

Saurona Genus

- ❖ Scientists of the Natural History Museum in London have named a new group of butterflies after the villain Sauron from the Lord of the Rings novels.
- ❖ Two species of butterfly have been added to the newly named Saurona genus.
- ❖ Saurona triangular and Saurona aurigera are the inaugural members of the group.
- ❖ These are not the first creatures to be named after Sauron.
- ❖ The villain's glowing eye has also been referenced in the names of a dung beetle, a frog and a dinosaur.



STATES

Survey on Social and Educational Conditions of BC

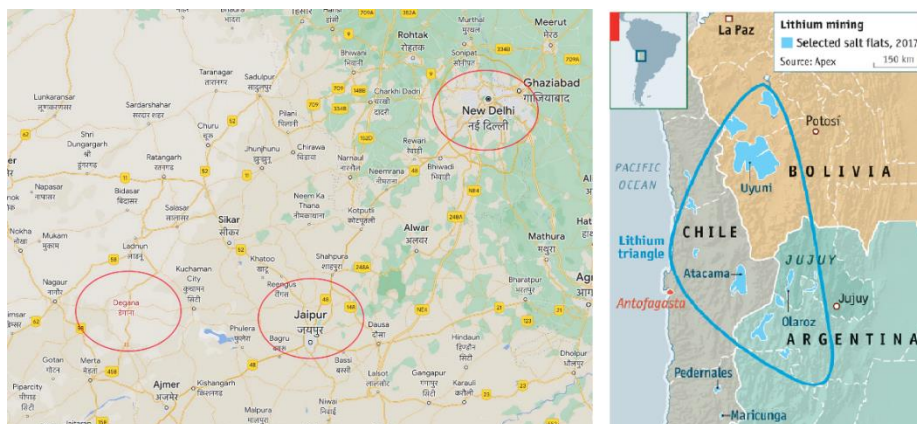
- ❖ The Odisha government began the survey of people from the OBCs belonging to 210 castes in the State to determine their social and educational status.
- ❖ Odisha is the second State to conduct the survey after Bihar.
- ❖ The Odisha government does not have reservation for the OBC communities in education sector.

- ❖ Around 54% of the OBCs total population has 11% reservation in jobs.



Lithium Reserve in Rajasthan's Degana

- ❖ The Geological Survey of India has found India's second Lithium reserves in Rajasthan's Degana.
- ❖ Degana's Lithium reserves are higher than the ones recently found in Jammu and Kashmir.
- ❖ The first Lithium discovery was made in the Reasi district of Jammu and Kashmir.
- ❖ It is reported to have a stash of 5.9 million tonnes valued at \$410 billion.
- ❖ Lithium reserves are concentrated in the lithium triangle in South America – Argentina, Bolivia & Chile.
- ❖ China controls 75% of Lithium refining.



One Minute Traffic Light Plan

- ❖ The Shimla Police has come up with a 'One Minute Traffic Light Plan'.
- ❖ They proposed to set up traffic lights at 10 bottlenecks to make the state capital jam-free and reduce the commute time by more than half.

- ❖ Under the proposed system, traffic would be released every minute in the ratio of 40:20 and 30:30 seconds.
- ❖ This means vehicles would be stopped for 40 seconds and released for 20 seconds every minute during peak hours.
- ❖ During normal times, they will be halted and released for 30 seconds.
- ❖ The minimum halting distance under the new traffic system will be 500 metres.



PERSONALITIES, AWARDS, AND EVENTS

50th edition of Cape to Rio Race



- ❖ Indian Navy's sailboat INSV Tarini has set sail for an expedition to Cape Town, South Africa.

- ❖ It will be participating in the 50th edition of Cape to Rio Race 2023.
- ❖ INSV Tarini is known for circumnavigating the globe with an all-women officer crew in the historic expedition titled 'Navika Sagar Parikrama' in 2017.

SPORTS

National record in triple jump



- ❖ Indian triple jumper Praveen Chithravel set a new national record with an effort of 17.37 metres.
- ❖ The previous men's triple jump national record of 17.30m set by Renjith Maheswari.
- ❖ The 21-year-old from Tamil Nadu has already qualified for the Asian Games 2023.

