

17 August, 2024

Process of Election in India

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Context: The first Jammu and Kashmir Assembly election in a decade will be held in three phases on September 18, 25, and October 1, 2024, the Election Commission of India announced.
 Definition of Elections

- Elections are a formal process where citizens of a country or political entity choose their representatives or leaders through voting.
- Elections are fundamental to democracy, embodying "Popular Sovereignty," where government legitimacy derives from the consent of the governed.



Time of Elections

- Lok Sabha and State Legislative Assembly elections occur every five years unless earlier due to the premature dissolution of houses.
- Elections must be held within six months of the last session of a dissolved house.
- Constitutional Provisions on Premature Dissolution
 - Article 85: The President can dissolve the Lok Sabha anytime, typically when the Union Government loses confidence without an alternative.
 - Article 174: The Governor can dissolve the State Legislative Assembly under similar conditions.

Process of Election in India

- Announcement of Election Schedule by the ECI
 - The Election Commission of India announces the election schedule a few weeks before the process begins, including dates for various election events.
 - The Model Code of Conduct (MCC) comes into effect immediately after the announcement.
- Issue of Notification by the ECI
 - The ECI issues a notification calling upon the electorate to elect Members of a House, starting the formal election process.
- Filing of Nominations by the Candidates
 - Candidates file nominations in their chosen constituencies after the ECI issues the notification.
 - Nominations are scrutinized, and valid candidates can withdraw within two days.

Oath or Affirmation of Candidates

- Candidates must make an oath or affirmation before an authorized officer after filing nominations.
- Election Campaign
 - Candidates start campaigning after filing nominations, with campaigns ending 48 hours before polling closes.
 - Political parties and candidates must abide by the Model Code of Conduct during campaigns.
- Election Manifestos
 - Political parties release manifestos outlining their policies, programs, and promises during election campaigns.
 - Allocation of Symbols
 - After nominations, candidates from national and state parties are assigned symbols, with others allotted free symbols.
- Polling Days
 - Election polling in India occurs over multiple days across constituencies to maintain law and order.
- Voting Procedure
 - Voting in Lok Sabha and State Legislative Assembly elections is conducted using Electronic Voting Machines (EVMs).
 - Voting is secret, with polling stations set up in public institutions.
- Supervising Elections
 - The ECI deploys election observers to ensure fair campaigning and free voting.
 - Election Expenditure Observers monitor campaign spending.
- Counting of Votes
 - Votes are counted under the supervision of Returning Officers and ECI Observers, with the candidate receiving the most votes declared the winner.

Constitution of House

- After elections, the ECI compiles a list of elected members and issues a notification for constituting the House.
- Election Petitions
 - Election Petitions can be filed by any elector or candidate if malpractice is suspected, with cases tried by the High Court.

Electronic Voting Machine (EVM)

- EVMs are used to record votes, replacing traditional ballot papers and boxes.
- Advantages of EVM
 - Eliminates invalid votes.
 - Speeds up vote counting.
 - Reduces paper use, saving trees.
 - Lowers printing costs.

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Face to Face Centres





DAILY pre PARE Current affairs summary for prelims

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Small Satellite Launch Vehicle

Context: ISRO's smallest launch vehicle, the SSLV, successfully placed the EOS-08 and SR-0 satellites into a precise 475-km orbit during its third and final developmental flight on Friday.

Overview of SSLV

- Small Satellite Launch Vehicle (SSLV): Developed by ISRO as a small-lift launch vehicle.
- **Payload Capacity:**
 - 500 kg to Low Earth Orbit (LEO) at 500 km altitude.
 - 300 kg to Sun-synchronous orbit at 500 km altitude.
- Key Features: Low cost, fast turnaround, launch-ondemand flexibility, minimal infrastructure needs.

Development and Milestones

- Inception: Design for SSLV was completed by the Vikram Sarabhai Space Centre (VSSC) in December 2018.
- Development cost is ₹169.07 crore; Cost: manufacturing cost per unit is expected between ₹30-35 crore.
- First Static Fire Test (ST01): Conducted on 18 March 2021, but was unsuccessful due to oscillations and nozzle disintegration.
- Second Static Fire Test (ST02): Conducted on 14 March 2022, met required test objectives.

Operational History

SSLV-D1 (7 August 2022)

Outcome: Mission failed to achieve its objectives due to a software malfunction.

Mission Details:

- Carried EOS 02 (135 kg) and AzaadiSAT (8 •• ka).
- Issue: Accelerometer anomaly during the ٠ second stage led to failure in achieving the desired orbit.

SSLV-D2 (10 February 2023)

- Outcome: Successful mission, placing three satellites into planned orbits.
- **Remedial Actions:**
 - Modified second-stage detachment system ÷ to reduce vibrations.
 - Redesigned navigation using NavIC data. ٠
 - Added five new hardware components and ٠ upgraded electronics.

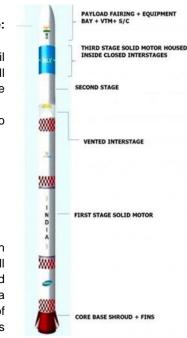
SSLV-D3 (16 August 2024)

- Outcome: Successful final developmental flight.
- **Mission Details:**
 - ٠ Launched EOS-08 into a 475 km circular orbit.
 - Demonstrated repeatable flight performance, ŵ marking the completion of SSLV's development phase.

- **SSLV Specifications**
 - **Vehicle Characteristics:**
 - Height: 34 meters ٠
 - Diameter: 2 meters •••
 - Mass: 120 tonnes .
 - Propulsion:
 - First three stages use HTPB-based solid ٠ propellant.
 - ÷ Fourth stage: Velocity-Trimming Module (VTM) with thrusters for control and velocity adjustments.

Future Plans and Production

Dedicated Launch Site: Kulasekharap atnam, Tamil Nadu. will handle future SSLV launches to Sunsynchronous orbit. Technology Transfer: SSLV production and launch operations will be managed by а consortium of Indian firms and



NewSpace India Limited (NSIL).

- Cost Efficiency: Projected launch cost is between ₹30-35 crore, making SSLV one of the most affordable rockets in its class.
- Industry Adoption: Several Indian companies are acquiring SSLV technology, with the rocket capable of being integrated and launched within 24 hours.

Surrogacy (Regulation) Act, 2021

Context: The Bombav High Court reaffirmed that sperm or egg donors cannot claim parental rights or be recognized as biological parents of children born through their gametes.

- **Definition of Surrogacy**
 - Surrogacy is defined as a practice where a woman • carries and gives birth to a child for an intending couple, with the intention of handing over the child to the couple after birth.

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Types of Surrogacy

 Altruistic Surrogacy: Involves no monetary compensation to the surrogate mother, except for medical expenses and insurance during pregnancy.

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• **Commercial Surrogacy:** Involves monetary benefit or reward beyond basic medical expenses and insurance, and is prohibited under the Act.

Conditions for Permitting Surrogacy

- Surrogacy is permitted for intending couples suffering from proven infertility.
- The practice must be altruistic, not for commercial purposes.
- Surrogacy cannot be used for producing children for sale, prostitution, or other exploitation.
- Surrogacy is allowed for specific conditions or diseases as per regulations.

Eligibility Criteria for Intending Couples

- Must obtain a 'certificate of essentiality' and a 'certificate of eligibility' from the appropriate authority.
- Certificate of Essentiality: Requires proof of infertility, a court order for parentage and custody, and insurance coverage for the surrogate mother.
- Certificate of Eligibility:
 - The couple must be Indian citizens, married for at least five years, and meet specific age criteria (wife: 23-50 years, husband: 26-55 years).
 - The couple should not have any surviving children, with exceptions for children who are mentally or physically challenged.

> Eligibility Criteria for Surrogate Mother

- Must be a close relative of the intending couple.
 - Must be a married woman with a child of her own.

• Age must be between 25 to 35 years.

- Can act as a surrogate only once in her lifetime.
- Must have a certificate of medical and psychological fitness.
- The surrogate mother cannot donate her gametes.
- Other Provisions of the Surrogacy Regulation Act

• National and State Surrogacy Boards:

- The central and state governments will establish National and State Surrogacy Boards to oversee surrogacy practices.
- The National Surrogacy Board will advise on policy matters, lay down the code of conduct for surrogacy clinics, and supervise State Surrogacy Boards.

• Parentage and Abortion Rules:

- A child born through surrogacy will be considered the biological child of the intending couple.
- Abortion of a surrogate child requires written consent from the surrogate mother and authorization from the appropriate authority, in compliance with the Medical Termination of Pregnancy Act, 1971.
- The surrogate mother can withdraw from surrogacy before embryo implantation.
- Offenses and Penalties:
 - Offenses include undertaking or advertising commercial surrogacy, exploiting the surrogate mother, abandoning or exploiting the surrogate child, and selling or importing embryos or gametes for surrogacy.
 - Penalties include imprisonment for up to 10 years and a fine of up to 10 lakh rupees.

News in Between the Lines

Recently, the Enforcement Directorate (ED) arrested two individuals, including a Trinamool Congress leader, in connection with a ₹10,000 crore public distribution system (PDS) scam in West Bengal.

About Public Distribution System:

- Public Distribution System (PDS) is an Indian Food Security System under the Ministry of Consumer Affairs, Food and Public Distribution.
- It was evolved to manage food scarcity through affordable distribution of food grains.
- This scheme was launched in June **1947**.
- It operates under the **Central** and **State Governments**, with distinct roles.
- Evolution of PDS in India:
 - Public Distribution System was introduced during World War II for rationing.
- In the 1960s, the Public Distribution System expanded to tackle food shortages and the Food Corporation of India (FCI) was created.
- The Revamped Public Distribution System (**RPDS**) launched in **1992**.
- The Targeted Public Distribution System (TPDS) was initiated in 1997, focusing on the poor.
- Antyodaya Anna Yojana (AAY) was introduced in 2000 for the poorest BPL families.
- The National Food Security Act, **2013**, ensured that the right to food became a legal right through the Targeted Public Distribution System (**TPDS**).

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Public Distribution

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| Iraq (East and Southeast), the |
| |
| |
| Jordan (South) and Israel and Lebanon |
| Syria (Southwest). |
| Physical features: ISRAEL *DAMASCUS IRAQ IRAN |
| The highest point in Syria is Mount |
| Hermon (Jabal al-Sheikh), located in |
| the Anti-Lebanon mountain range, near |
| the border with Lebanon. |
| The major rivers in Syria are the |
| Euphrates, Orontes, Khabur and |
| Barada. |

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DAILY pre PARE Current affairs summary for prelims

17 August, 2024

Syria is rich in several minerals, including phosphates, gypsum, marble and asphalt.

• The country also has reserves of **oil and natural gas**.

Membership: Syria is a member of several international organizations, including the **United Nations** (UN), **Arab League**, **Non-Aligned Movement** (NAM) and the **Organization of Islamic Cooperation** (OIC).

POINTS TO PONDER

- Which Mumbai stations have recently been added to the Amrit Bharat Station Scheme? Dahisar and Kandivali
- According to recent findings, how are prokaryotes expected to respond to climate change in the marine environment?
 - They are remarkably resilient and may dominate the marine environment
- Which Indian state has become the first to launch a Gross Environment Product Index (GEPI)? Uttarakhand
- On which occasion did the President of India approve 103 Gallantry awards for Armed Forces and Central Armed Police Forces personnel? – Independence Day 2024
- Which unique orchid species was recently discovered in Fambonglho Wildlife Sanctuary, Sikkim? Gastrodia indica

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