Swachh Survekshan 2018

- Swachh Survekshan-2018 launched to assess sanitation in all 4,041 cities and towns of the country based on infrastructure development for improved sanitation services and their sustainability, outcomes, citizen connect and visible impact on ground.
- First Pan-India survey to measure citizen connect with sanitation outcomes impacting lives of 40 cr people.
- Implementing under “Swachh Bhatat mission”

Drugs

- One of the biggest smuggling routes are Pakistan, afghan through Indian ocean, and majority of routes are controlled by Dubai, Thailand and Bangkok smugglers.
- Modern day technology was the major tool for all the illegal trade.
- Smugglers are using satellite phones to go in a safe zone using GPS, majority are staying in international waters to escape from Indian intelligence agencies and the Indian coast guard.
Using **fishing harbours** as hub and **courier offices as transport** medium, this illegal business spreading safely across the country without any barriers.

- Majority of the trade coming from “**South east Asia**” nations.

**Etymology** - the study of the origin of words

**GM – Mustard**

**What is GM mustard?**
It is a mustard variety developed by DU’s Centre for Genetic Manipulation of Crop Plants. The project was publicly funded.

**Why is it in the news?**
Regulator GEAC is making a final review of biosafety data to decide whether it can be allowed

**What do opponents say?**
GM mustard data not made public, so no way of independently assessing it

**What is the project worth?**
₹ 70 cr

**Will the govt clear it?**
That’s an unknown, but Narendra Modi-led central government says it stands in favour of GM research

- **Genetically modified mustard seeds** going to release in market soon.
- Challenges
  - Health hazards
  - Impact on future generations
  - Seeds prices
Supreme court chief justice - “J S Khehar”.

NOTA (None of the above)

- NOTA was introduced in elections of 2013

LPG subsidies

- Subsidies on domestic LPG cylinder going to reduce by Rs. 4 every month.
- Completely ended by March 2018.

123 CAA – OBC

- Constitutional status for Backward classes commission.
- This bill is for giving the constitutional status to “National commission for Backward classes” (NCBC).
- As per the current scenario, NCBC was the statutory body.

Public premises amendment bill 2017

- Allow unauthorised occupants to stay for years.
- On licence basis

Methanol

\[
\text{CH}_3\text{OH}
\]
Cheap and less pollutant while compared with other crude oil products such as diesel and petrol.

Cheaper than fossil fuels.

Best fuel for water ways.

On Indian air ways

India needs 2100 planes in next 20 years to full fill the growing demands, a report said.

Planetary emergencies

- Global warming
- Crop failure
- Terrorism
- Cyber security
- Deradicalization
- Urban flooding
- Less quality air
- Nuclear weapons development
- Depletion of ground water level
- Change in monsoon and rainfall
- Infertility of soil
- Artificial intelligence
**Olympics host nations**

<table>
<thead>
<tr>
<th>City</th>
<th>Country</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pyeongchang</td>
<td>South Korea</td>
<td>2018 – winter</td>
</tr>
<tr>
<td>Tokyo</td>
<td>Japan</td>
<td>2020 – summer</td>
</tr>
<tr>
<td>Beijing</td>
<td>China</td>
<td>2022 – winter</td>
</tr>
<tr>
<td>Paris</td>
<td>Europe</td>
<td>2024 – summer</td>
</tr>
<tr>
<td>Los Angeles</td>
<td>Europe</td>
<td>2028 – summer</td>
</tr>
</tbody>
</table>

**Climate change**

- “Geophysical research letters” (India + China + USA)
  - Stratospheric sulphate aerosol increment
  - Cirrus cloud thinning
- Are the solutions to deal with “Global warming” and the precipitation rate.

**Geoengineering**

- Global warming control methods
  - Cirrus clouds
Cirrus clouds are composed of ice crystals that originate from the freezing of supercooled water droplets.

Cirrus generally occur in fair weather and point in the direction of air movement at their elevation.

Cirrus can form from almost any cloud that has undergone glaciation and can be observed in a variety of shapes and sizes. Possibilities range from the "finger-like" appearance of cirrus fall streaks to the uniform texture of more extensive cirrus clouds associated with an approaching warm front.

Generally characterized by thin, wispy strands and light gray in color.

These were usually present 10 km above the earth.

It can trap the heat, resulting cooldown of earth atmosphere.

Can replace “Carbon Sequestration”, which is of a very high cost.

Cirrus clouds method was a low cost replacement to deal with global warming.

- Carbon Sequestration

A natural or artificial process by which carbon dioxide is removed from the atmosphere and held in solid or liquid form.

Artificial processes, including large-scale, artificial capture and sequestration of industrially produced CO₂ using subsurface saline aquifers, reservoirs, ocean water, aging oil fields and other carbon sinks.
Issues on parliament seats increment

- On a basis of 42 CAA 1976 parliament seats will be rearranged as per the 2001 basis in 2006.
- 2006 rearrangement of parliament seats was postponed to 2026 as per the of 84 CAA 2001.
- Article 81 says – seats will be allocated on basis of population and Lok Sabha should not exceed 550 members.
  - 1971 population – 54.81 cr
  - 2011 population – 121 cr
- 1971 representation still looks good, it doesn’t have any emergency issues.
- If the number of MPs increase, it creates new problem for the speaker.
- Because of 1 : 550+ ratio, smooth conduct will be missing from the house.
- Sudden rearrangement needs more time to adjust.
- Problem of times on question hour and zero hour.
- Increase in number will not give enough time for all the member to speak out.
- Immediate and long term should be found.
- Increment in number seats needs a new electoral reform and need to face new challenges.
- It the debate was not going to start very soon to find solution to these things, same situation of 2001 repeats and will be postponed as usually.

India aid to Philippines (C - Manila)

- India’s first aid to foreign financial aid to manila to deal with ISIS.
- Declared it as sense as urgency.

ASEAN going to celebrate 25th anniversary

- Association of South East Asian Nations (ASEAN) is a regional intergovernmental organisation, involving all South-east Asian countries.
- Promotes _pan-Asianism_, _intergovernmental cooperation_.
- Facilitates economic, political, military, educational and cultural integration amongst its members and Asian states.

25th anniversary of ASEAN-India relations

- It was on 28 January 1992 at the 4th ASEAN Summit in Singapore that a decision to establish a Sectoral Dialogue Partnership between ASEAN and India was made. Since then, the relationship has progressed from strength to strength, with the two sides becoming full dialogue partners in 1996, Summit partners in 2002 and Strategic Partners in 2012.
- India and ASEAN would observe 25 years of their Dialogue Partnership, 15 years of Summit Level interaction and 5 years of Strategic Partnership in 2017 by undertaking
a wide range of activities, both in India and through our Missions in ASEAN Member States, including a Commemorative Summit on the theme "Shared Values, Common Destiny."