

EVA STALIN IAS ACADEMY – BEST IAS COACHING IN CHENNAI

12/24, Muthurangan Muthali St, West Tambaram, Chennai - 600045

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DAILY CURRENT AFFAIRS ANALYSIS

15 JUNE 2022

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. No.	Topic Name	Prelims/Mains
1.	ABOUT THE NASA-ISRO NISAR MISSION	Prelims & Mains
2.	DETAILS OF THE HUMAN ANIMAL CONFLICT	Prelims & Mains
3.	HOW THE ELECTION SYMBOLS ARE DECIDED BY THE ECI	Prelims & Mains
4.	ABOUT FINCLUVATION	Prelims Specific Topic

1 - ABOUT THE NASA-ISRO NISAR MISSION:

GS III

Space Exploration Related Topics

- **Context:**

- The Indian Space Research Organisation (ISRO) is collaborating with the National Aeronautics and Space Administration (NASA) of the United States of America to develop the 'NASA-ISRO Synthetic Aperture Radar (NISAR)' satellite mission for Earth science.

- **About NISAR Mission:**

- The NISAR mission will be launched in 2023.
- NISAR is an acronym for National Institute of Standards and Research
- It's designed to research dangers and global environmental change, and it can assist managers better manage natural resources and scientists better understand the effects and pace of climate change.
- Over the duration of its three-year mission, it will scan the globe every 12 days to provide a "unprecedented" perspective of the planet by mapping the Earth's land, ice sheets, and sea ice.
- It will detect surface movements as small as 0.4 inches over an area half the size of a tennis court.
- NASA will contribute one of the satellite's radars, as well as a high-rate science data transfer subsystem, GPS receivers, and a payload data subsystem.
- ISRO will provide the spacecraft bus, a second type of radar (the S-band radar), as well as the launch vehicle and launch services.
- NISAR will be equipped with the largest reflector antenna ever launched by NASA, and its primary objectives will include tracking subtle changes in the Earth's surface, detecting warning signs of impending volcanic eruptions, monitoring groundwater supplies, and tracking the rate at which ice sheets melt.

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- **Few other details:**
- The acronym NISAR stands for NASA-ISRO-SAR. The synthetic aperture radar (SAR) will be used by NASA to measure changes in the Earth's surface.
- SAR is a term that refers to a method of creating high-resolution photographs. Because of its precision, the radar can see through clouds and darkness, allowing it to collect data at any time of day or night, in all weather.
- *Source → The Hindu*

2 - DETAILS OF THE HUMAN ANIMAL CONFLICT:

GS III

Environmental Conservation related topic

- **The following are some key recommendations for reducing human-animal conflict:**
- The paper suggests forming a HAC Advisory Committee, which would be led by the Chief Wild Life Warden, who would consult the committee before acting.
- A small committee with in-depth technical knowledge is required to develop effective site-specific plans/ mitigation methods, including recommendations on changing cropping patterns, and to make key decisions on short notice, as required by law.
- **Human-wildlife conflict: a report by the WWF and the UNEP:**
- In July 2021, the World Wide Fund for Nature (WWF) and the UN Environment Programme (UNEP) presented a report titled A future for all – the need for human-wildlife cooperation.
- **The following are some of the report's highlights:**
- Human-animal conflict is one of the most serious dangers to the long-term survival of some of the world's most iconic species.
- More than 75 percent of the world's wild cat species are killed as a result of warfare. Polar bears and Mediterranean monk seals, as well as huge herbivores like elephants, are also affected.
- Since 1970, global wildlife populations have decreased by 68 percent on average.
- **Situation in India:**

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- Between 2014-2015 and 2018-2019, around 500 elephants were killed, largely as a result of human-elephant conflict.
- During the same time span, elephant conflict claimed the lives of 2,361 people.
- Because India has the world's second-largest human population as well as substantial populations of tigers, Asian elephants, one-horned rhinos, Asiatic lions, and other species, it will be the most affected by human-wildlife conflict.
- **What should be done?**
- It is impossible to completely eliminate human-wildlife conflict. However, well-planned, integrated approaches to controlling it can lessen conflicts and lead to human-animal cooperation.
- **Model of Sonitpur:**
- Destruction of forests in Assam's Sonitpur area caused elephants to raid fields, resulting in the deaths of both elephants and humans.
- In response, during the years 2003-2004, WWF India developed the 'Sonitpur Model,' which united community members with the state forest department.
- They were taught how to work with elephants to safely drive them away from crop fields.
- WWF India also designed a low-cost, single-strand, non-lethal electric fence to make crop protection easier.
- Crop losses were reduced to nil over the next four years. The number of people and elephants killed has also decreased dramatically.
- **The Standing Committee of the National Board of Wildlife (SC-NBWL) has authorised an advisory for the management of Human-Wildlife Conflict (HWC):**
- As per the Wildlife (Protection) Act, 1972, empower gramme panchayats to deal with problematic wild animals.
- Use the Pradhan Mantri Fasal Bima Yojna's add-on coverage to compensate for agricultural damage caused by HWC.
- Increase the amount of fodder and water available in forest areas.
- Other recommendations include the formation of inter-departmental committees at the local/state level, the implementation of early warning systems, the creation of barriers, and the establishment of dedicated circle-based Control Rooms with toll-free hotline numbers that could be operational 24 hours a day, seven days a week.
- **Source → The Hindu**

3 - HOW THE ELECTION SYMBOLS ARE DECIDED BY THE ECI:

GS II

Election related issues

- **To begin, how are political parties assigned symbols?**
- **To be assigned a symbol, follow the guidelines:**
 - When filing nomination papers, a party or candidate must furnish a list of three symbols from the EC's free symbols list.
 - One symbol is assigned to each party or candidate on a first-come, first-served basis.
 - When a recognised political party splits, the Election Commission decides on the symbol to be assigned.
- **Election Commission's Authority:**
 - The EC has the authority to recognise political parties and allot emblems under the Election Symbols (Reservation and Allotment) Order, 1968.
 - It has the authority to resolve disputes between rival groups or portions of a recognised political party claiming the party's name and emblem under paragraph 15 of the Order.
 - The EC is also the sole authority with which to resolve disputes or mergers. In Sadiq Ali and others versus. ECI in 1971, the Supreme Court recognised its legality.
- **How many different kinds of symbols do you have?**
 - The Election Symbols (Reservation and Allotment) (Amendment) Order, 2017, specifies that party symbols must be one of the following:
 - Reserved: There are "reserved" insignia for eight national parties and 64 state parties across the country.
 - Free: The Election Commission maintains a pool of roughly 200 "free" symbols that are distributed to the thousands of unregistered regional parties that spring up in the run-up to elections.
- **When a party splits, what rights does the Electoral Commission have in a dispute over the election symbol?**

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- "When the Commission is satisfied that there are rival sections or groups of a recognised political party, each of whom claims to be that party, the Commission may decide that one such rival section or group or none of such rival sections or groups is that recognised political party, and the decision of the Commission shall be binding on all such rival sections."
- This is true for recognised national and state parties in disputes (like the LJP, in this case). The EC normally recommends warring groups to resolve their disagreements privately or go to court in the case of breakdowns in registered but unrecognised parties.
- *Source → The Hindu*

4 - ABOUT FINCLUVATION:

Prelims Specific Topic

- Fincluvation is a cooperative venture between India Post Payments Bank (IPPB), a 100 percent government-owned corporation under the Department of Posts (DoP), and the Fintech Startup community to co-create and innovate solutions for financial inclusion.
- Fincluvation is a first-of-its-kind initiative in the financial services industry to construct a powerful platform to mobilise the start-up community in the development of meaningful financial products aimed at financial inclusion.
- Fincluvation will be an ongoing venue for IPPB to collaborate with start-ups to develop equitable financial solutions.
- *Source → The Hindu*

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