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International & National News

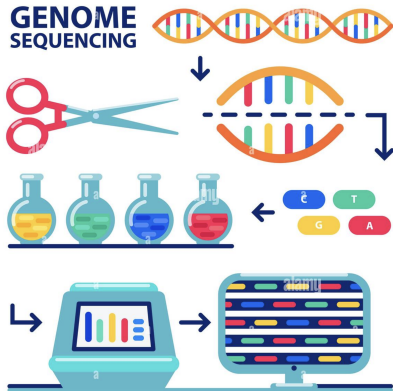|	
Global rating agency Moody's flags concerns about India's Aadhaar **Aadhaar** ● Aadhaar is a 12-digit unique identification number issued by the Unique Identification Authority of India (UIDAI). ● It serves as proof of identity, which is linked to the individual's biometric and demographic information. ● It is now mandatory for a number of government services	**In news:** ● Global rating agency Moody's Investors Service has flagged concerns about security and privacy vulnerabilities in centralised identification systems such as India's Aadhaar programme. **Key points** ● According to them the unique ID system often results in "service denials" in humid conditions and the biometric is also unreliable at that time. ● It also faces the burden of establishing authorisation. ● This can lead to Aadhaar-based payments problems for labourers. **Did you know?** It is the world's largest digital program that is helping in covering the leakages in transfer of subsidy.
Parliamentary panel on NEP	**Context** ● The Parliamentary Standing Committee on Education, **headed by MP Vivek Thakur** has tabled a report in parliament. **Key suggestions of panel** ● The panel suggested that by 2030, every district in the country should have at least **one multidisciplinary Higher Education Institutes(HEI)** ● The **Gross Enrolment Ratio i**n higher education, including vocational education, **should be increased from 26.3% in 2018 to 50% by 2035.** ● Allocation of suitable funds for the education of Socially and Economically Disadvantaged Groups (SEDGs).

- Improving the effectiveness and impact of the **Higher Education Financing Agency (HEFA) in funding** HEIs
- The panel also suggested that the **multiple entry, multiple exit may not suitable for india**

Did you know?
- **J&K is the first country t**o implement national education policy from 2022 in all higher education departments.

National Education Policy (NEP) 2020	**Key features** ● It r**eplaces National Policy on Education (NPE) 1986**. ● The National Education Policy 2020 proposes various reforms in school and higher education, including technical education. ● This policy is **aligned with the 2030 Agenda for Sustainable Development.** ● It **aims to transform India into a vibrant knowledge society** and **global knowledge superpower**
Genome sequencing 	**About genome sequencing** ● Genome sequencing is **figuring out the order of DNA nucleotides,** or bases, in a genome. ● It has the order of **Adenine, Cytosine, Guanines, and Thymine** that make up an organism's DNA. ● It is **the process that involves deciphering the exact order of base pairs in an individual.** This "deciphering" or reading of the genome is what sequencing is all about. **Advantages** ● Early diagnostic and targeted treatment of disease ● Genetic risk of developing disease can be detected earlier helps manage inherited disease ● It can guide specific lifestyle changes and can prevent the appearance of certain diseases.
Galactic tides	**About tides** ● Tides **experienced by the universe's galaxies** are called Galactic tides. ● Galactic tides are **caused by gravitational forces within a galaxy,**

- They **arise due to the interactions between celestial objects** such as stars and gas clouds.
- They **can reshape a galaxy structure** by creating tidal tails and bridges, promoting star formation, and disrupting smaller star systems.

Did you know?
- The **Andromeda galaxy is heading towards the Milky Way at 110 km/s** and will collide in four billion years.

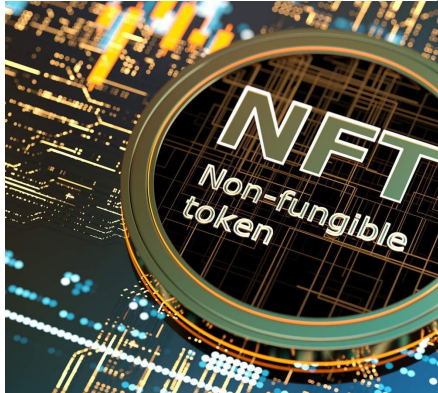| NASA's first asteroid samples land on earth.	**Context** NASA's first asteroid samples of Bennu were fetched from deep space parachuted into the Utah desert **OSIRIS-Rex Mission:** ● The Origins Spectral Interpretation Resource Identification Security - Regolith Explorer was launched by NASA in 2016 for the journey to Bennu. ● The spacecraft travelled to a **near-Earth asteroid named Bennu** and brought back a sample to Earth for study. ● The mission will help scientists investigate **how planets formed and how life began**, as well as improve our understanding of asteroids that could impact Earth. **Did you know?** ● Till now only **japan and USA** could bring asteroid samples.
Pacific Islands Forum	**About forum:** ● It is an intergovernmental and premier **political and economic** policy organisation. ● Its **aim is to cooperation between countries** and territories of oceania ● **It is founded in 1971**, ● it comprises **18 members** and 21 dialogue partner

Non-Fungible Tokens (NFTs)	**About NFTs**
	- NFTs are unique cryptographic tokens that **exist on a blockchain and cannot be replicated.** - They can **represent digital or real-world items like artwork, photograph,** song, video, real estate, individuals' identities, property rights, and more. - Thus, **NFTs are assets that have been tokenized via a blockchain.** - They are assigned unique identification codes and metadata that distinguish them from other tokens. - NFTs **can be traded and exchanged for money,** cryptocurrencies, or other NFTs
House panel asks govt. to monitor activities of ESIC	**Contex** Parliamentary Standing Committee (PSC) on Labour, has asked the Union government to strictly monitor the activities of the Employees State Insurance Corporation (ESIC), so that social security benefits reach more workers. **ESIC:** - It is **set up under the Employee State Insurance Act of 1948.** - It is responsible for overseeing the ESI plan. - It works **under the Ministry of Labour & Employment** - Its **aim is to provide socio-economic protection to the worker population** and immediate dependent or family covered under the ESI scheme.