

## Prelim Bits 09-11-2022 | UPSC Daily Current Affairs

### G20 Logo and Theme

*The Prime Minister unveiled the Logo, Theme and Website of India's G20 Presidency.*

- On December 1, 2022, India will assume the presidency of the G20 grouping from the current chair Indonesia.
- The logo and the theme together convey a powerful message of India's G20 Presidency, which is of **striving for just and equitable growth for all** in the world.
- The logo draws upon elements from various entries received under the contest organized on MyGov portal.
- The website of India's G20 Presidency ([www.g20.in](http://www.g20.in)) and a mobile app '**G20 India**' was also launched by the Prime Minister.

### G20 Logo



- The G20 Logo draws inspiration from the vibrant colours of India's national flag - saffron, white and green, and blue.
- The logo **juxtaposes planet Earth with the lotus**, India's national flower that reflects growth amid challenges.
- The Earth reflects India's pro-planet approach to life, one in perfect harmony with nature.
- Below the G20 logo is '**Bharat**' written in the **Devanagari script**.

### G20 Theme

वसुधैव कुटुम्बकम्  
ONE EARTH • ONE FAMILY • ONE FUTURE

- The theme of India's G20 Presidency is '**Vasudhaiva Kutumbakam**' (meaning - the whole earth is a family) written in Devanagari script or '**One Earth One Family One Future**'.
- The theme is drawn from the ancient Sanskrit text of the **Maha Upanishad**.
- The theme affirms the value of all life - human, animal, plant, and microorganisms and their interconnectedness on the planet Earth and in the wider universe.
- The theme also spotlights [Mission LiFE](#) (Lifestyle For Environment), with its associated, environmentally sustainable and responsible choices, both at the individual and national level.

## References

1. [PIB - Unveiling of The Logo, Theme and Website of India's G20 Presidency](#)
2. [The Indian Express - PM Modi unveils G20 logo](#)
3. [The Hindu - PM Modi unveils logo, theme, website of G20 presidency](#)

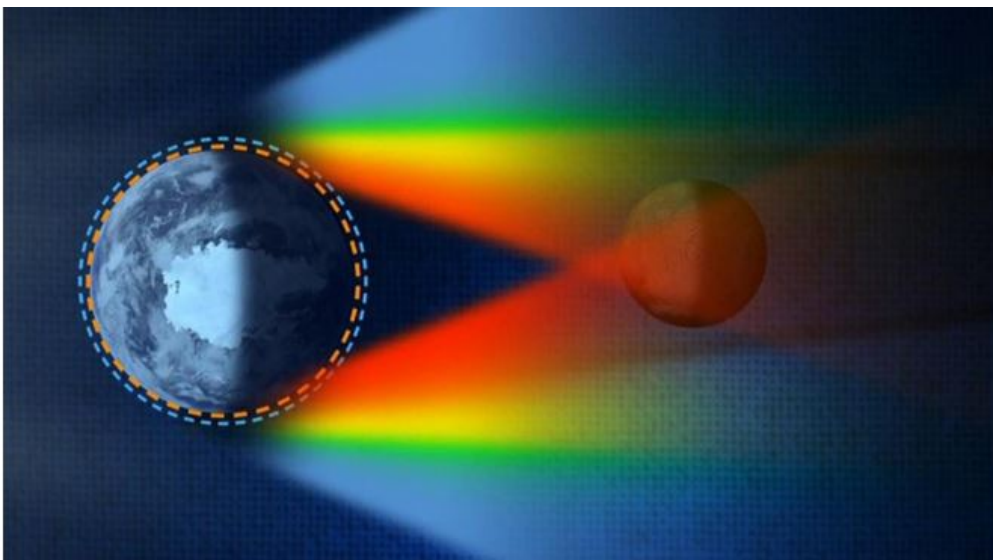
## Beaver Blood Moon

*Total lunar eclipses which occurred in October will be the last of 2022 and will only occur again after three years.*

*Total lunar eclipses usually occur on average of about once every year and a half.*

- A total lunar eclipse occurs when the Earth casts its **shadow completely** over a full moon, blocking reflection of all direct sunlight from the lunar orb and dimming the colour of the moon to a reddish hue.
- Blood Moon - When the moon is within the umbra, it appears with a reddish hue due to **Rayleigh's scattering of light** by the earth's atmosphere.

*Rayleigh scattering effect is the scattering of light by particles in a medium without a change in wavelength.*



- A November full moon is called **Beaver Moon** because it happens during the month of November when the beavers begin taking shelter in their lodges.
- The combined phenomena of total lunar eclipse and the Beaver moon is called **Beaver Blood Moon**.

### **Lunar Eclipse**

*A lunar eclipse happens when the Earth is positioned between the Sun and the Moon and the Earth casts a shadow on the Moon.*

*The shadow is categorised into two parts*

- *Umbra - The darkest shadow of the earth that blocks out sunlight completely*
- *Penumbra - The outermost part of the shadow, where sunlight is blocked out only partially.*

### **References**

1. [The Hindu - 'Beaver blood moon' offers world's last total lunar eclipse until 2025](#)
2. [The Hindu - What makes the November 8 lunar eclipse unique?](#)
3. [Down To Earth - Painting it red! Striking 'Blood Moon' to eclipse skies](#)

### **Cauvery South Wildlife Sanctuary**

*The Tamil Nadu government has notified the Cauvery South Wildlife Sanctuary, the 17th wildlife sanctuary in the State.*

- **Location** - The Sanctuary spreads across the reserve forests of Krishnagiri and Dharmapuri districts of Tamil Nadu.
- The Cauvery South Wildlife sanctuary adjoins the Cauvery North Wildlife Sanctuary in Tamil Nadu with the Cauvery Wildlife Sanctuary in Karnataka.
- The declared landscape lends **continuity to the Nilgiri Biosphere Reserve** through 2 tiger Reserves and 1 Wildlife Sanctuary.
  1. Malai Mahadeshwara Wildlife Sanctuary
  2. BRT Tiger Reserve of Karnataka
  3. Sathyamangalam Tiger Reserve of Tamil Nadu.
- **Legal Provision** - The State Government notified the sanctuary under Section 26-A of the Wild Life (Protection) Act, 1972.
- **Biodiversity** - The sanctuary's rich biodiversity supports over 35 species of mammals and 238 species of birds.
- **Fauna** - Leith's soft shelled turtles, smooth coated otters, marsh crocodile, Grizzled giant squirrel, four-horned antelope and Lesser Fish Eagle are few fauna found here.
- The sanctuary is critical for a large number of riverine species in the Cauvery River basin.
- **Elephant Habitat** - The sanctuary also comprises 2 elephant corridors:
  1. The Nandimangalam-Ulibanda Corridor
  2. The Kovaipallam-Anebiddahalla Corridor

### **References**

1. [The Indian Express - Tamil Nadu notifies Cauvery South Wildlife Sanctuary](#)

2. [The Hindu - Tamil Nadu notifies Cauvery South Wildlife Sanctuary](#)
3. [Deccan Herald - Tamil Nadu notifies reserve forests in two districts as Cauvery South Wildlife Sanctuary](#)

## Olakkuda Ezhunnallath

*Folkland, an NGO and S.K. Potakkad Culture Centre hosts the Olakudda Ezhunallath at S.K. Pottakkad Cultural Centre in Kozhikode.*

- Olakudda Ezhunallath a festival of palm leaf umbrellas.
- A first of its kind in India, the festival not only aims to promote the olakkuda but also reimagine it in ways to make it a more popular product.

## Olakkuda

- Olakkuda has a socio-cultural significance in Kerala given its extensive use in rituals, Theyyam, and other performing arts.
- Olakkuda is the umbrella made using dried palm leaves, bamboo, and cane.
- The olakkuda comes in various shapes, sizes, and designs.



- They are of two main varieties of Olakkuda.
  1. **Thoppikkuda** that fits on the head like a big hat.
  2. **Kalkkuda** that resembles an umbrella.
- There are different types of olakuddas used for different purposes.

Type	Used By/For
Kaalkuda	Children
Arakuda	Women
Thoppikkuda	Farm hands and fishermen
Theyyakkuda	Theyyam oracles
Mavelikkudda	Onam

- **Olakkuda in performing arts** - Olakkuda has significant use in different performing arts like

1. Kuchelavritam Kathakali - A Kathakali play
2. Aati Kalinja - A ritual dance that brings prosperity during month of Aadi.
3. Porattu natakam - A folk theatre in Thrissur district.

## References

1. [The Hindu - Olakkuda Ezhunnallath, a festival of palm leaf umbrellas](#)

## Mother Tongue Survey of India

*The Ministry of Home Affairs has completed the Mother Tongue Survey of India with field videography of the country's 576 languages.*

- The Mother Tongue Survey of India (MTSI) is a project that surveys the mother tongues, which are returned consistently across two and more Census decades.
- MTSI also documents the linguistic features of the selected languages.

*The category 'mother tongue' is a designation provided by the respondent, but it need not be identical with the actual linguistic medium.*

## Video Archive at NIC

- The Home Ministry in its annual report for 2021-2022, planned to set up a web archive at the National Informatics Centre (NIC).
- The archive is used to preserve and analyse the original flavour of each indigenous mother tongue.
- The **NIC** and the **National Film Development Corporation** (NFDC) documents the linguistic data of the surveyed mother tongues in audio-video files.
- The video graphed speech data of mother tongues will be uploaded on the NIC server.

*The Linguistic Survey of India is a regular research activity in the country since the 6th Five Year Plan.*

### 2011 Linguistic Census

- *More than 19,500 languages or dialects are spoken in India as mother tongues.*
- *After subjecting these returns to linguistic scrutiny, edit and rationalisation, they were grouped into 121 mother tongues.*

## References

1. [The Indian Express - Mother Tongue Survey of India is ready](#)
2. [Times of India - Government completes mother tongue survey of 576 languages](#)



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