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## Daily Current Affairs Encyclopedia

10 October 2023- Daily Current Affairs

<p><b>In news: Phonotaxis</b></p> 	<p><b>About Phonotaxis</b></p> <ul style="list-style-type: none"><li>It is the movement by an animal in response to a sound.</li><li>Eg- The <b>click of crickets</b> in the evening or <b>frogs croaking</b> during the monsoon</li><li>It has mostly been observed among crickets, moths, frogs, toads, and a few other creatures.</li></ul> <p><b>Types of Phonotaxis</b></p> <ul style="list-style-type: none"><li>There are two types of phonotaxis: <b>positive</b> and <b>negative</b>.</li><li>The purpose of <b>positive phonotaxis</b> is attraction. It usually happens when the females of a particular species – including those of crickets and frogs – are attracted to the sounds made by the males.</li><li><b>Negative phonotaxis</b>, on the other hand, serves to repel or warn, such as when the sound of a predator nearby signals to an animal that it needs to move away.</li></ul>
<p><b>Economics Nobel Prize 2023</b></p> 	<p><b>Context</b></p> <ul style="list-style-type: none"><li>The Nobel Prize for Economics was awarded to <b>Harvard University professor Claudia Goldin</b></li><li>She got this prize for her research that has advanced the understanding of the <b>gender gap in the labour market</b>.</li></ul> <p><b>Did you know?</b></p> <ul style="list-style-type: none"><li>Ms. Goldin is just the <b>third woman</b> to win the prize out of 93 economics laureates.</li></ul>
<p><b>India's Scheduled Areas</b></p>	<p><b>Key facts</b></p> <ul style="list-style-type: none"><li>India's <b>705 Scheduled Tribe (ST)</b> communities — making up <b>8.6%</b> of the country's population — live in <b>26 States</b> and <b>six Union Territories</b>.</li><li><b>Article 244</b>, deals with administration of Scheduled and Tribal Areas. It is the single most important constitutional provision for STs.</li><li><b>Article 244(1)</b> provides for the application of <b>Fifth Schedule</b> provisions to</li></ul>



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### Did you know?

Scheduled Areas cover **11.3%** of India's land area, and have been notified in **10 States**: Andhra Pradesh, Telangana, Odisha, Jharkhand, Chhattisgarh, Madhya Pradesh, Rajasthan, Gujarat, Maharashtra, and Himachal Pradesh.

Scheduled Areas notified in any State other than Assam, Meghalaya, Tripura, and Mizoram.

- The **Sixth Schedule** applies to these States as per **Article 244(2)**.

### How are Scheduled Areas governed?

- The **President of India** notifies India's Scheduled Areas.
- States with Scheduled Areas need to constitute a **Tribal Advisory Council** with up to 20 ST members.
- They will advise the Governor on matters referred to them regarding ST welfare.
- The **Governor** will then submit a report every year to the President regarding the administration of Scheduled Areas.

### Multimodal artificial intelligence



### Context

Google's new yet-to-be-released multimodal large language model called **Gemini**, is already being tested in a bunch of companies.

### About Multimodal AI

- Multimodal AI is artificial intelligence that **combines multiple types, or modes, of data** to create more accurate determinations, draw insightful conclusions or make more precise predictions about real-world problems.
- Multimodal AI systems train with and use **video, audio, speech, images, text and a range of traditional numerical data sets**.
- Most importantly, multimodal AI means **numerous data types** are used in tandem to help AI establish content and better interpret context, something missing in earlier AI.

### Two State solution

- The two-state solution refers to a solution of the **Israeli–Palestinian conflict** which calls for "two states for two groups of people."
- The two-state solution envisages an independent State of Palestine alongside the State of Israel, west of the **Jordan River**.
- The boundary between the two states is still subject to dispute and negotiation,



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with **Palestinian and Arab leadership** demanding full Israeli withdrawal from territories it occupied in **1967**, which is rejected by Israel.

- The territory of the former Mandate Palestine (including West Jerusalem), which did not form part of the Palestinian State, would continue to be part of Israel.

### Urban unemployment



### Context

The **Periodic Labour Force Survey (PLFS)**, carried out by the **National Sample Survey Office (NSSO)**, has reported that unemployment rate in urban areas of the country has shown a decrease during the period April-June 2023.

### Key facts

- UR in urban areas decreased from **7.6% in April-June 2022** to **6.6% in April-June 2023** for persons of age 15 years and above
- For men, it decreased from 7.1% to 5.9% during this period and for women, it decreased from 9.5% to 9.1%.
- There is an improvement in key **labour market indicators** in urban areas compared with those in pre-pandemic period

### IRDAI issues norms on Bima Vahaks



### Context

The Insurance Regulatory and Development Authority of India (IRDAI) issued guidelines on **Bima Vahaks**, the **women-centric**, dedicated distribution channel to enhance insurance inclusion with a focus on rural areas.

### Key points

- Bima Vahaks are the **women-centric, dedicated distribution channel** to enhance insurance inclusion with a focus on rural areas.
- This is a part of a **multi-pronged strategy** to achieve its 'Insurance for All goal'.
- Bima Vahaks are expected to play a key role in taking **Bima Vistaar**, or '**affordable, accessible and comprehensive cover**' mooted by the regulator, to the target segment.



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### Indian Ocean Rim Association



#### Context

**Sri Lanka** to take over as Chair of Indian Ocean Rim Association

#### About IORA

- It was established in **1997** as an **intergovernmental organisation** of states on the rim of the Indian Ocean.
- The IORA has members from Africa, West Asia, South Asia, Southeast Asia and the Oceania.
- The Association's membership has expanded to **23 member states and 11 dialogue partners**.
- Its secretariat is in **Mauritius**.

### Dhole or Asiatic wild dog



#### Context

A new study has found that overlapping prey availability or habitat suitability could dictate a positive association between dholes and tigers, facilitating coexistence or even cooperative behaviours between the two species of carnivores

#### Dhole

- The **dhole or Asiatic Wild Dog** is found in three clusters across India namely the Western and Eastern Ghats, the central Indian landscape and North East India.
- The **Western and Eastern Ghats** is a stronghold regions for dholes.
- IUCN Red List: **Endangered**
- The Wildlife Protection Act 1972: **Schedule II**
- CITES: **Appendix II**



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