

## UPSC Daily Current Affairs| One Liners 02-01-2025

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#### History, Art and Culture

##### Blood money

- It is also *known as diya*, a part of the legal systems of several Islamic countries.
- **In Sharia law** - The victim's family is entitled to decide how the murderer should be punished.
- The murderer might be forgiven if he/she is repaid with '*diyya*' (*monetary compensation*).

##### Glass Bridge in Kanyakumari, Tamilnadu

Tamil Nadu has recently opened an innovative glass bridge spanning the sea, improving access between 2 iconic sites.

- **Connection** - It connects the Tiruvalluvar Statue with the Vivekananda Rock Memorial in Kanyakumari.
- The occasion commemorated the Tiruvalluvar statue's 25th anniversary, underlining its importance in Tamil culture.

##### Statue of Wisdom

- It is the Tiruvalluvar Statue in Kanyakumari in Tamilnadu
- **Opened in** - 2000, erected on a rocky island in the sea
- **Height** - It towers at 133 feet, symbolizing the 133 chapters of the Tirukkural.
- **Importance** - It illustrates the principle of social equality conveyed in the Thirukkural: "Pirapokkum ella uyirkkum" (Everyone is equal at birth).

#### International Relations and Issues

##### Optional Practical Training (OPT) programme of U.S.

- It authorises *international students*, who are in the US on an F-1 visa, to work for up to 12 months in an area "directly related" to their major area of study.
- Indian students make up the largest international cohort in U.S.
- **Eligibility** - International students who are enrolled full-time for at least 1 academic year in the US can apply for OPT.
- **Pre-completion OPT** - Work before completing their studies, up to 20 hours a week while the academic session is underway, and full-time when the session is not.
- **Post-completion OPT** - Work after completing their studies, at least 20 hours a week or full-time.
- Students who have obtained a degree in Science, Technology, Engineering and Mathematics (STEM) can extend their post-completion OPT by another 24 months (Total 3 years).

#### Economy

## **Non-performing assets (NPAs)**

*30% jump in gold loan NPAs in April-June on slowing economy, debts.*

- NPAs - They are loans or advances that have not been paid back on time, or that have stopped generating income for the lender
- An asset is considered an NPA if the *interest or principal* payment is *overdue for 90 days or more*.
- **Substandard asset** - An asset that has been classified as an NPA for 12 months or less
- **Doubtful asset** - An asset that has remained in the substandard category for 12 months
- **NPA ratio** - It is calculated by dividing the non-performing assets by total loans and multiplying by 100.

## **Security**

### **Z Plus security**

*Former Prime Minister Manmohan Singh's wife Gursharan Kaur will continue to be guarded by the Central Reserve Police Force (CRPF) under Z-plus category.*

- It is the *highest level of protection* provided to some of the most powerful yet most vulnerable citizens.
- **Protection force** - It includes a *55-person entourage*, of which, usually, 10 personnel are NSG commandos, while the rest may be the civil police.
- **SPG coverage** - These people sometimes also get an additional Special Protection Group covering which usually, the Prime Minister and their family members are provided.

### **Cyber Volunteer Framework**

- **Initiative by** - Indian Cyber Crime Coordination Centre (I4C).
- **Objective** - To enable *citizens to enrol as cyber volunteers* for reporting unlawful content, dissemination of cyber hygiene, and as cyber expert to aid law enforcement.

### **Tehrik-e Taliban Pakistan (TTP)**

- It is also known as the *Pakistan Taliban*.
- **Alliance of** - Formerly disparate militant groups that came together in 2007 following Pakistan military operations against Al-Qaida-related militants in the Federally Administered Tribal Areas.
- **Formation** - Under the leadership of Baitullah Mehsud.
- **Regions** - It is rooted along the *Afghanistan/Pakistan border*.

## **Science**

### **Willow**

- It is a *quantum processor*.
- **Launched by** - *Google*.
- **Features** - The coherence time of data qubits on Willow is about 100 microseconds, which is more than the coherence time of the physical qubits.
- **Advantages** - It has significantly better error correction and is significantly faster than other quantum computers.

### **Chemicals in Flame Retarding Plastics**

- **Decabromodiphenyl ether (decaBDE)** - It is used in many products, including electronics, furniture, and textiles.
- It is known to be hazardous and persistent in the environment.
- **2,4,6-Tribromophenol** - It is in black plastic and it is associated with *thyroid disruption in humans* and mice and has been detected in serum, breast milk, and placenta.



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