

## Solution to Quiz 18-09-2025

### Q1 – Operation Weed Out

**Answer: B – Hydroponic cannabis seizure**

Operation Weed Out is a **pan-India anti-drug enforcement drive** conducted by the Directorate of Revenue Intelligence (DRI) targeting hydroponic cannabis smuggling. Hydroponic cannabis is grown **without soil in nutrient-rich water**, which allows faster growth, higher yields, and potentially higher potency. In 20 days of Operation Weed Out, the DRI seized **108.67 kg of hydroponic weed**, highlighting the agency's role in curbing synthetic and high-potency cannabis networks under the NDPS Act (1985). The operation aligns with India's larger vision of **Nasha Mukht Bharat**.

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### Q2 – Carlsberg Ridge

**Answer: B – Located in Arabian Sea, between Indian & Arabian plates + ISA contract**

Carlsberg Ridge is a **mid-oceanic ridge in the Arabian Sea**, forming part of the boundary between the **Indian and Arabian tectonic plates**. The ridge extends northwest to the Gulf of Aden and is a divergent boundary with notable seismic activity. India signed a **contract with the International Seabed Authority (ISA)** to explore polymetallic nodules in this region, rich in manganese, cobalt, nickel, and copper. The exploration supports India's aims in **energy security, strategic deterrence, and subsea technology development**, while also adhering to environmental standards for sustainable seabed mining.

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### Q3 – Chhath Mahaparva

**Answer: B – Sun God and Chhathi Maiya**

Chhath Mahaparva is a **Vedic festival dedicated to the Sun God (Surya) and Chhathi Maiya**. It is widely observed in **Bihar, Jharkhand, Uttar Pradesh, West Bengal**, and among the diaspora in Mauritius, Fiji, Suriname, UAE, and the Netherlands. The festival emphasizes **devotion, simplicity, and self-discipline**, with practices including fasting, holy baths, and offerings to the rising and setting sun. Chhath upholds **ecological values** (water bodies worship) and **egalitarian principles**, making it an intangible cultural heritage of India.

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### Q4 – National Means-cum-Merit Scholarship Scheme (NMMSS)

**Answer: B – Implemented by Ministry of Education, DBT ₹12k/year, EWS students beyond Class VIII**

The **NMMSS** aims to **prevent drop-outs** among meritorious students from economically weaker sections (EWS) and encourage continued education beyond Class VIII. Implemented by the **Ministry of Education**, it provides **₹12,000 annually via DBT** to eligible students (annual parental income ≤ ₹3.5 lakh). Selection is based on **merit in Class VII**, with scholarships renewed for Classes IX–XII subject to academic performance. The scheme ensures **equity in access to secondary and higher secondary education** for deserving students in government, government-aided, and local body schools.

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### Q5 – AI Initiatives

**Answer: A – Frontier 50, Frontier Tech Awards, AI for Viksit Bharat (not NSQF)**

NITI Aayog has launched several initiatives to **leverage frontier technologies for economic growth**:

1. **AI for Viksit Bharat Roadmap**: Practical action plan to accelerate AI adoption across sectors and districts.
2. **Frontier 50 Initiative**: Supports 50 aspirational districts to deploy frontier tech solutions from the NITI repository.
3. **NITI Frontier Tech Impact Awards**: Recognizes states excelling in technology adoption in governance, education, healthcare, and livelihoods.

These initiatives aim to **enhance productivity, inclusive development, and innovation capacity** by integrating AI and frontier technologies at the grassroots level.

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### Q6 – Patient Safety

**Answer: D – All correct**

**Patient safety** is a critical dimension of healthcare, addressing **preventable medical errors, infections, and adverse events**. India's initiatives include:

- **National Patient Safety Implementation Framework (2018–25)**: Roadmap from adverse-event reporting to embedding safety in clinical practice.
- **Accreditation Standards (NABH/NABL)**: Set benchmarks for infection control, medication management, and patient rights.
- **Civil Society Engagement**: Patient Safety & Access Initiative of India Foundation works to improve transparency and device safety.
- **Global Alignment**: Follows WHO Patient Safety Action Plan and contributes to SDG 3 (health) and SDG 16 (justice).

These steps aim to strengthen **systems, processes, and culture** to reduce medical errors and improve patient trust.

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### Q7 – Logistics Data Bank (LDB)

**Answer: B – Real-time tracking of containerized EXIM cargo**

The **Logistics Data Bank (LDB)** is a key digital initiative under India's **National Logistics Policy (NLP)**. It enables **real-time tracking of containerized import-export (EXIM) cargo** across ports and Inland Container Depots (ICDs). LDB integrates over **30 digital systems** and provides actionable data to reduce dwell time, streamline operations, and improve supply chain efficiency. It also supports performance measurement for policy reforms, multimodal logistics planning, and trade facilitation.

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### Q8 – Patient Safety Framework Components

**Answer: A – 1, 2, 3 are correct**

The **National Patient Safety Implementation Framework (NPSIF)** focuses on:

1. **Infection control** in hospitals and clinics.
2. **Medication error prevention** including rational prescribing and monitoring.
3. **Accreditation strengthening (NABH/NABL)** to standardize protocols and procedures.

**Safe medical tourism** is not explicitly part of the NPSIF framework; the focus is primarily **domestic patient safety** and system improvements.

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#### **Q9 – Section 498A IPC**

**Answer: B – Section 498A scrutiny**

The Supreme Court's recent endorsement in **Shivangi Bansal v. Sahib Bansal** mandates:

- **Two-month cooling period** after FIR registration.
- **Family Welfare Committee (FWC) referral** before any coercive action.

This is aimed at addressing **misuse of Section 498A (dowry harassment and cruelty)** while balancing victims' rights and accused protection. These guidelines emphasize **preliminary scrutiny and institutional review** before arrests, promoting procedural fairness in matrimonial disputes.

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#### **Q10 – GIFT City**

**Answer: B – India's International Financial Services Centre (IFSC)**

Gujarat **International Finance Tec-City (GIFT City)** is India's first **IFSC**, designed to provide an **offshore-like financial ecosystem** within India. It aims to attract global capital through:

- Banking, insurance, stock exchanges, and fintech services.
- Transparent regulations, tax incentives, and modern infrastructure.
- Linking India to **South-South trade** and global financial markets.

Despite its potential, challenges remain in **policy clarity, ecosystem density, and talent/lifestyle infrastructure** for expatriates. Strengthening GIFT City is crucial for **domestic capital retention and global competitiveness**.