

# VAID ICS LUCKNOW

## DAILY CURRENT AFFAIRS QUIZ

29/07/2025

### ANSWER & EXPLANATION:

Qn 1:

Answer: d. 1 and 2 only

Explanation:

Statement 1: True

- DHW (Depleted Heavy Water) is produced as a result of heavy water ( $D_2O$ ) losing part of its deuterium content over time during its use in **pressurized heavy water reactors (PHWRs)**. This makes it less effective as a neutron moderator, resulting in "depleted" heavy water.

Statement 2: True

- DHW can be **re-enriched** using methods such as **distillation, electrolysis, or catalytic exchange** to restore the deuterium concentration. This makes it usable again as heavy water in reactors.

Statement 3: False

- DHW is **not classified as nuclear waste**. Instead, it is considered a **valuable resource** because of the possibility of re-enrichment. Only if it's contaminated with radioactive substances beyond limits does it require waste disposal protocols.

Qn 2:

Correct Answer: C) 3 only

### Explanation:

1. **Incorrect** – The NIA *can* investigate offenses committed outside India **even without a bilateral treaty**, provided that the offense affects Indian citizens or interests. This is enabled through amendments in the **NIA Act, 2019**, which expanded its jurisdiction extraterritorially. A bilateral treaty is not a precondition.
2. **Incorrect** – The NIA can investigate **Scheduled Offences** only under Acts listed in the **Schedule of the NIA Act**, such as the **Unlawful Activities (Prevention) Act, Atomic Energy Act**, etc. **NDPS Act is not included** in the NIA Schedule. Narcotics cases are generally handled by the Narcotics Control Bureau (NCB) and state police.
3. ✓ **Correct** – The NIA was indeed set up in **2008** through the **National Investigation Agency Act, 2008**, as a response to the **26/11 Mumbai terror attacks**, to investigate and prosecute offenses affecting national security.

### Qn 3:

Answer: a. 1 and 3 only

### Explanation:

- **Statement 1 – Correct:** This captures the essence of *cautious optimism*—India's macro indicators (like inflation, GDP growth, etc.) are stable, but risks such as slow credit growth and global headwinds warrant careful monitoring.
- **Statement 2 – Incorrect:** *Cautious optimism* does **not** imply aggressive fiscal or monetary policies. Instead, it advocates **measured** approaches, avoiding overconfidence in economic expansion.
- **Statement 3 – Correct:** This reflects the true spirit of cautious optimism—a **hopeful yet realistic** outlook, balancing economic progress with a recognition of possible disruptions.

### Qn 4:

Answer: B) 2 and 3 only

### Explanation:

- **Statement 1: Incorrect.**  
The NJIA is proposed as an **independent judicial body, not under the administrative control** of the Ministry of Law and Justice. This autonomy is critical to **preserve judicial independence** in managing court infrastructure.
- **Statement 2: Correct.**  
NJIA is designed to solve the persistent issues of **poor infrastructure in district and subordinate courts** by offering **standardized designs, dedicated funding, and institutional monitoring**.

- **Statement 3: Correct.**

As per the proposal, the **Chief Justice of India (CJI)** will be the **head of NJIA**, or may **nominate a senior judge** to lead it. This ensures judicial primacy and reduces reliance on the executive for decisions related to infrastructure.

**Qn 5:**

**Answer:** B) Women engaged in manual labor or skilled trades such as factory work or driving

**Explanation:**

Blue-collar workers typically perform manual labor or skilled trades. In the context of women, this includes roles like factory workers, drivers, electricians, etc. Option B correctly captures this definition.

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