

VAID ICS LUCKNOW

DAILY CURRENT AFFAIRS QUIZ FOR UPSC

30/01/2025

(Answer & Explanation)

Qn1. Answer: (c) 2 & 3

Explanation:

- **Statement 1** is incorrect: GRAP is not limited to Delhi. It is implemented across the National Capital Region (NCR), including Delhi and its surrounding regions, to tackle air pollution.
- **Statement 2** is correct: GRAP categorizes actions based on AQI levels such as moderate, poor, very poor, severe, and severe-plus (emergency). Each category has specific measures to address pollution levels.
- **Statement 3** is correct: GRAP was notified by the Central Pollution Control Board (CPCB) under the **Environment Protection Act, 1986**, making it legally enforceable.

Qn.2 Answer: (a) 1 & 2

Explanation:

- Statement 1: **Correct.** The National Critical Mineral Mission prioritizes minerals essential for technologies like batteries, renewable energy, and advanced electronics, crucial for India's transition to green energy and industrial growth.
- Statement 2: **Correct.** The mission aims to reduce reliance on imports by boosting domestic production, diversifying global sourcing, and advancing recycling and substitution technologies.
- Statement 3: **Incorrect.** The mission is not part of the National Mineral Policy, 2022. It was conceived as a separate initiative to address critical mineral shortages and ensure long-term resource security.
- .

Qn. 3 Answer: (d) 1 & 3

Explanation:

Statement 1: **Correct.** The Credit Guarantee Scheme primarily targets MSMEs to encourage entrepreneurship by providing loans without the need for collateral. It reduces the financial burden on entrepreneurs and promotes self-reliance.

Statement 2: **Incorrect.** The scheme is implemented by the Ministry of Finance through the Credit Guarantee Fund Trust for Micro and Small Enterprises (CGTMSE). The Ministry of Corporate Affairs is not involved in its implementation.

Statement 3: **Correct.** The scheme provides a credit guarantee for loans up to ₹2 crore, thereby enhancing access to credit for small businesses.

Qn. 4 Answer: (b) only two

Explanation:

Statement 1: **Correct.** Nuclear fusion is the process of combining two light atomic nuclei (e.g., hydrogen isotopes like deuterium and tritium) to form a heavier nucleus (e.g., helium), releasing a large amount of energy due to the mass-to-energy conversion governed by Einstein's equation $2E=mc^2$.

Statement 2: **Incorrect.** Fusion reactions require extremely high temperatures and pressures, which occur naturally in stars but not in the Earth's core. The Earth's core is primarily powered by radioactive decay, not fusion.

Statement 3: **Correct.** Fusion is the process that powers stars, including the Sun, where hydrogen nuclei fuse to form helium, producing immense energy.

Qn. 5 Answer: (b) 1 & 2

Explanation:

- Statement 1: **Correct.** One of the primary objectives of NPFAM is to create a unified national market for agricultural commodities by leveraging digital platforms and reducing interstate trade barriers. This allows farmers to access a broader market.

- Statement 2: Correct. NPFAM emphasizes the formation of Farmer-Producer Organizations (FPOs) to enable farmers to collectively market their produce, reducing intermediaries and ensuring better price realization.
- Statement 3: Incorrect. NPFAM does not mandate the abolition of APMCs; instead, it advocates reforming them to make agricultural marketing more efficient and farmer-friendly.

VAID ICS LUCKNOW- DAILY CURRENT QUIZ- EXPLANATION