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DAILY CURRENT QUIZ- UPSC

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EXPLANATION

Qn 1- d

**Explanation:**

- The BIS is the national body which sets standards for different products across various economic sectors. In agriculture, it has already set standards for machinery (tractors, harvesters, etc.) and various inputs (fertilisers, pesticides, etc.)
- However, there are still many areas not covered by the BIS standards. For example, there is no standard for agriculture practices like preparation of fields, micro irrigation and water use. Thus, for a long time, policymakers have felt a need for a comprehensive standards framework, like the one now being formulated by the BIS.
- The NAC will cover the entire agriculture cycle, and will also contain a guidance note for future standardisation.
- The code will have two parts. The first will contain general principles for all crops, and the second will deal with crop-specific standards for the likes of paddy, wheat, oilseeds, and pulses. The NAC will serve as a guide for farmers, agriculture universities, and officials involved in the field.

Qn2. A

**Explanation:**

□ **Statement 1** is correct: The **BIS** operates under the **Ministry of Consumer Affairs, Food & Public Distribution** and is responsible for the standardization, marking, and quality certification of goods and services.

□ **Statement 2** is correct: BIS provides certification services to ensure that products, systems, and services conform to Indian standards.

- **Statement 3** is incorrect: BIS can issue penalties for violations of certification requirements, but it does not have the power to conduct raids. Enforcement is typically done through legal and regulatory channels..

### Qn 3b

**Statement 1** is correct: Green patches in urban areas help mitigate the **urban heat island effect**, where cities tend to be warmer than their rural surroundings.

**Statement 2** is correct: Green patches aid in **air pollution control** by acting as carbon sinks through the process of photosynthesis, improving air quality.

**Statement 3** is incorrect: Green patches in Antarctica, though expanding due to warming, do not have a global impact in terms of heat absorption that would mitigate climate change. Their presence is more indicative of the **warming effects** of climate change.

### Qn.4 d

**Explanation:**

**Statement 1** is correct: **Selma Lagerlöf**, a Swedish author, was the first woman to win the **Nobel Prize in Literature** in **1909**.

**Statement 2** is correct: **Rabindranath Tagore** was the first non-European to win the Nobel Prize in Literature, receiving the award in **1913** for his profound work.

**Statement 3** is correct: The prize is sometimes awarded for an **author's entire body of work**, recognizing their overall contribution to literature rather than a single book or piece.

The prize is awarded **only once** to any individual author, meaning no one can win the Nobel Prize in Literature more than once.

The **Nobel Prize in Literature** was established by Alfred Nobel's will and was first awarded in **1901**.

Qn. 5 d

The Association of Southeast Asian Nations (ASEAN) has 10 member countries:

- Brunei
- Cambodia
- Indonesia
- Laos
- Malaysia
- Myanmar
- The Philippines
- Singapore
- Thailand
- Vietnam