



Daily MCQ: 08.09.2026

- 1) Consider the following statements regarding the Defence Acquisition Council (DAC):
1. The DAC is the highest decision-making body of the Ministry of Defence on procurement.
 2. The DAC is responsible for laying down broad guidelines for the indigenisation of defence equipment.
 3. The DAC is empowered to give in-principle approval for the acquisition of defence equipment.

Which one of the following conclusions based on the above statements is correct?

- (a) All three statements are correct.
- (b) There is no correct statement.
- (c) There are two correct statements that include statement 3.
- (d) There is only one correct statement.

- 2) Consider the following statements regarding the National Film Awards:

1. The National Film Awards were established in 1954.
2. The National Film Awards have been administered by the Directorate of Film Festivals since 1973.
3. The award ceremony is held in Mumbai, where the Directorate of Film Festivals presents the awards.

Which of the statements given above is/are correct?

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) 1, 2 and 3

- 3) Consider the following statements

1. Conventional AI may primarily process information and generate outputs in a digital environment, whereas humanoid robots combine AI with physical sensing and actuation.
2. A humanoid robot can use feedback from its physical environment to modify subsequent actions.
3. The presence of AI in a robot automatically makes all its actions fully autonomous and independent of human oversight.

How many of the statements given above is/are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

- 4) Consider the following sources of emissions:

1. Direct emissions from the steel manufacturing process
2. Emissions from purchased electricity used by the plant
3. Emissions from coke making and agglomeration processes
4. Emissions from transporting the final steel product to buyers

Which of the above are included in calculating the emission intensity for a green steel rating?



- (a) 1 and 3 only
(b) 1, 2 and 3 only
(c) 3 and 4 only
(d) 1, 2, 3 and 4
- 5) Which one of the following best describes the 'MatsyaMetri' application?
- (a) A smartphone application used for automated tracking of fishing vessels
(b) A smartphone application used for automated monitoring of marine pollution
(c) A smartphone application used for automated, touch-free measurement aquatic resources
(d) A smartphone application used for automated assessment of aquatic ecosystem health

Explanation

1) Answer: (A)

- **Statement 1:** The Defence Acquisition Council (DAC) serves as the apex or highest decision-making body within the **Ministry of Defence** specifically for capital acquisitions and defense procurement policies. This statement is **correct**.
- **Statement 2:** The DAC formulates broad guidelines and policies, including approving the **Defence Acquisition Procedure (DAP) and steering framework provisions for self-reliance and indigenous manufacturing** (such as through indigenisation lists and categorizations like Buy Indian-IDDMM). This statement is **correct**.
- **Statement 3:** One of the core mandates and primary operational powers of the DAC is to accord "**Acceptance of Necessity**" (AoN), which grants formal in-principle approval for the acquisition of military equipment. This statement is **correct**.
- **Therefore, option A is the correct answer.**

2) Answer: (A)

- **Statement 1 is correct:** The National Film Awards were established in 1954.
- **Statement 2 is correct:** The awards were administered by the Directorate of Film Festivals since 1973.
- **Statement 3 is incorrect:** The award ceremony is held in New Delhi, and the awards are presented by the President of India, not by the Directorate of Film Festivals in Mumbai.
- **Therefore, option A is the correct answer.**

3) Answer: (B)

- Conventional AI generally operates by **processing data and generating digital outputs**, whereas humanoid robots combine AI capabilities with **physical sensing and actuation**, enabling them to perceive and interact with the physical environment. **Hence, Statement 1 is correct.**
- Humanoid robots can receive **feedback from their surroundings through sensors** and use that information to adjust their movements or subsequent actions. This enables them to respond dynamically to changing physical conditions. **Hence, Statement 2 is correct.**
- The presence of AI does not automatically make a robot **fully autonomous**. Depending on its design and application, a humanoid robot may operate with varying degrees of **human supervision, predefined instructions or intervention**. **Hence, Statement 3 is incorrect.**



- Therefore, Statements 1 and 2 are correct, while Statement 3 is incorrect.
- Hence, option B is the correct answer.

4) Answer: (B)

- **Statement 1 is correct:** Direct greenhouse gas emissions from on-site manufacturing and core steelmaking processes are fully included in the emission intensity calculation.
- **Statement 2 is correct:** Indirect emissions resulting from purchased grid electricity consumed by the plant are included.
- **Statement 3 is correct:** Targeted upstream and supply-chain operations specifically including **coke making and agglomeration processes** (such as sintering and pelletization) are integrated as part of the targeted Scope 3 boundary under India's Green Steel Taxonomy.
- **Statement 4 is incorrect:** Downstream activities occurring after the production of finished steel, such as **transporting the final steel product to buyers**, are explicitly excluded from the certification carbon accounting boundary.
- Hence, option B is the correct answer.

5) Answer: (C)

- **MatsyaMetri** is a smartphone-based application developed for the **automated and touch-free measurement of fish**.
- It was developed by the **Central Marine Fisheries Research Institute (CMFRI), Kochi**, under the **Indian Council of Agricultural Research (ICAR)**.
- The application uses **image-based technology** to measure the length and other physical parameters of fish without physically handling them.
- It enables **rapid collection of biological data** required for fisheries research and assessment.
- Such data can support **scientific fisheries management and sustainable utilisation of aquatic resources**.
- Therefore, option C is the correct answer.