

**Daily-mcqs** 22 Apr 2025

Current Affairs MCQs for UPSC & State PSC Exams 22 Apr 2025



## Daily MCQs for UPSC/PSC Exams

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**Q1: Consider the following statements regarding the CROP assessment for Rabi 2024-25:**

- 1. CROP was used to monitor wheat cultivation across ten major states.**
- 2. It utilized only optical satellite data for crop monitoring.**
- 3. The estimated wheat sown area from satellite data did not closely match government records.**

**How many of the above statements are correct?**

- A: Only one**
- B: Only two**
- C: All three**
- D: None**

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**Q2: Which of the following best explains the significance of the aqueous recycling method for Perovskite Solar Cells?**

- A: It reduces the cost of silicon-based solar panels.**
- B: It increases solar cell efficiency beyond 40%.**
- C: It enables safe recovery of perovskite materials without toxic solvents.**
- D: It eliminates the need for any chemical processing in solar technology.**

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**Q3: Consider the following statements:**

**Statement-I:** The Gandhi Sagar relocation represents a milestone for India's cheetah reintroduction efforts.

**Statement II:** Gandhi Sagar Wildlife Sanctuary has an abundant population of blackbuck, nilgai, and ~~which of the following is incorrect?~~ prey density required for cheetahs.

- A: Both Statement-I and Statement-II are correct, and Statement-II is the correct explanation for Statement-I.
- B: Both Statement-I and Statement-II are correct, but Statement-II is not the correct explanation for Statement-I.
- C: Statement-I is correct, but Statement-II is incorrect.
- D: Statement-I is incorrect, but Statement-II is correct.

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**Q4: Why are curlews considered keystone species in their ecosystems?**

- A: They are apex predators that regulate prey population.
- B: Their extinction would collapse the insect population.
- C: Their presence supports wetland health and multiple species.
- D: They are indicators of tree cover and forest density.

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**Q5: Consider the following statements regarding anemia and its relation to air pollution:**

**Statement 1:** Exposure to PM 2.5 increases hepcidin production in the liver, thereby inhibiting iron absorption.

**Statement 2:** Hepcidin suppression improves red blood cell production in the bone marrow.

**Which one of the following is correct?**

- A: Statement 1 is correct, and Statement 2 is incorrect
- B: Statement 1 is incorrect, and Statement 2 is correct
- C: Both Statement 1 and 2 are correct, and Statement 2 is the explanation of Statement 1
- D: Both Statement 1 and 2 are incorrect

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