



Daily Current Affairs Prelims Quiz 28-05- 2026

Q1) DNA barcoding in biodiversity studies is significant because it:

1. Helps resolve taxonomic ambiguities.
2. Provides evolutionary insights into continental drift.
3. Is limited only to vertebrate species.

Which of the above is/are correct?

- a. 1 and 2 only
- b. 2 and 3 only
- c. 1 Only
- d. 1, 2 and 3

Answer : a

Answer: a

Explanation: DNA barcoding integrates molecular tools with taxonomy, resolving species ambiguities (1). It also reveals Gondwanan affinities and evolutionary isolation (2). It is not limited to vertebrates — applied across plants, insects, microbes.

Q2) The discovery of the **Loktak Protocluster** contributes to our understanding of:

- a. The role of phumdis in freshwater ecosystems
- b. Early galaxy formation in the universe
- c. The tectonic evolution of Northeast India
- d. The expansion of dark energy in the 21st century

Answer : b

Answer: b

Explanation: Loktak Protocluster, observed 12.6 billion years ago, represents primitive galaxy clustering when the universe was 1.2 billion years old. It highlights early cosmic structures, not terrestrial ecology or tectonics.

3) Which of the following features correctly describe *Gynacantha khasiaca* rediscovered in Arunachal Pradesh?

1. It is crepuscular, active during twilight.
2. It was last recorded during the Abor Expedition of 1914.
3. It is endemic only to Arunachal Pradesh.

Select the correct code:

- a. 1 and 2 only
- b. 2 and 3 only
- c. 1 and 3 only
- d. 1, 2 and 3

Answer : a

Answer: a

Explanation: The dragonfly is crepuscular (1) and rediscovered after 110 years, last noted in 1914 (2). It is not endemic to Arunachal — also recorded in Assam, Maharashtra, Nepal, Bangladesh, Myanmar.

4) Hydrogen fuel cell technology in Indian Railways is expected to:

- 1. Reduce dependence on imported fossil fuels.
- 2. Emit only water vapour as by-product.
- 3. Achieve net-zero emissions by 2030.

Which is/are correct?

- a. 1 and 2 only
- b. 2 and 3 only
- c. 1 only
- d. 1, 2 and 3



Answer : d

Answer: d

Explanation: Hydrogen fuel cell trains reduce fossil fuel dependence (1), emit only water vapour (2), and directly support Indian Railways' legally binding target of becoming a **Net Zero Carbon Emitter by 2030** (3). This aligns with the "Hydrogen for Heritage" initiative and broader decarbonisation efforts.

5) The Sarthak-PDS scheme approved in 2026 seeks to:

- a. Provide direct cash transfers to NFSA beneficiaries
- b. Integrate transport support with technology driven PDS reforms
- c. Replace PMGKAY with a new food subsidy programme
- d. Decentralise grain procurement to district cooperatives

Answer : b

Answer: b

Explanation: Sarthak-PDS integrates intra-state transport support and SMART-PDS reforms. It modernises PDS, enhances dealer margins, digitises ration cards, and uses AI/ML/blockchain for transparency. It does not replace

PMGKAY or decentralise procurement.

