



Daily Current Affairs Prelims Quiz 26-08-2026

1) With reference to India's first indigenous 5 kN Rotating Detonation Engine (RDE), consider the following statements:

1. It was successfully hot-fire tested at IIT Madras with an aerospike nozzle.
2. RDEs rely on pressure-gain combustion using supersonic detonation waves.
3. They deliver 15-25% lower thermodynamic efficiency compared to conventional jet engines.

Which of the above are correct?

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

Answer : a

The RDE was tested at IIT Madras with aerospike nozzle (1)

Uses pressure-gain combustion with supersonic detonation waves (2).

Efficiency is higher, not lower (3 incorrect).

2) The Indian Council of Agricultural Research (ICAR) recently registered 16 new indigenous breeds. Which of the following is correctly matched?

- a. Gomanchali Buffalo - Goa
- b. Kashmiri Pony - Himachal Pradesh
- c. Kombai Dog - Kerala
- d. Nagal Pig - Assam

- a. a
- b. b
- c. c
- d. d

Answer : a

Gomanchali buffalo is native to Goa. Kashmiri pony is from J&K, Kombai dog from Tamil Nadu, Nagal pig from Nagaland.

3) China's Polar Silk Road via the Northern Sea Route (NSR) is significant because:

- a. It reduces transit time from East Asia to Europe to 18-20 days.

- b. It does not bypass chokepoints like the Strait of Malacca and Suez Canal.
- c. It operates year-round with mega container ships over 200k DWT.
- d. It is governed by the UN Convention on the Law of the Sea.

- a. a
- b. b
- c. c
- d. d

Answer : a

NSR reduces transit time to 18-20 days (a)

It bypasses chokepoints (b).

It is seasonal (July-Sept) and limited to smaller vessels, not mega ships (c incorrect).

Governance is under Russian federal law, not UNCLOS alone (d incorrect).

4) The Northern Sea Route (NSR) governance framework includes:

- a. Administered under Russian federal law via the NSR Administration.
- b. Mandatory ice-class compliance and icebreaker escorts.
- c. Open access to all vessels without permits.
- d. Operates entirely within Russia's Exclusive Economic Zone (EEZ).

Which of the above are correct?

- a. 1 and 2 only
- b. 2 and 3 only
- c. 1, 2 and 4 only
- d. 1, 2, 3 and 4

- a. 1 and 2 only
- b. 2 and 3 only
- c. 1, 2 and 4 only
- d. 1, 2, 3 and 4

Answer : c

NSR is governed by Russian law (1)

It requires ice-class compliance and escorts (2)

It lies within Russia's EEZ (4).

Open access without permits (3) is incorrect.

5. What is the primary objective of the Kanda express in India, which was recently launched?

- a. It operates as water metro in the state of Kerala
- b. It aims to move onions from surplus to deficit markets.
- c. It is the First India Express to connect all the capitals of North East India
- d. It is India's first drug moving express.

- a. a
- b. b
- c. c
- d. d

Answer : b

Answer: B

Centre launches 'Kanda Express' trains from Nashik to Delhi, Chennai, Kochi, Guwahati.

Objective - Move onions from surplus to deficit markets, ease supply pressure.

