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DAILY QUIZ — SOLVED

Daily Quiz — February 26, 2026

26 February 2026

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DAILY QUIZ — SOLVED

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26 February 2026 · 10 Questions · Answers & Explanations Included

Q 1 The CM-302 is an export variant of which anti-ship missile used by China's PLA Navy?

A YJ-91

B YJ-12 (Eagle Strike-12) ✓

C C-802

D HQ-9

EXPLANATION

The CM-302 is the export variant of the YJ-12 (Eagle Strike-12), used by the People's Liberation Army Navy. It travels at Mach 2.5-3, making it one of the fastest anti-ship missiles available on the global arms market.

CONCEPT

CAATSA (Countering America's Adversaries Through Sanctions Act, 2017) can impose secondary sanctions on third-country entities buying arms from Iran, Russia, or North Korea. India bought Russia's S-400 air defence system despite CAATSA concerns. China's CM-302 sale to Iran risks similar US sanctions pressure.

Q 2 Tsomgo (Changu) Lake, where tourists were stranded due to snowfall, is located at approximately what altitude?

A 1,200 metres

B 2,500 metres

C 3,753 metres ✓

D 5,400 metres

EXPLANATION

Tsomgo Lake is located at approximately 3,753 metres above sea level on the Nathu La highway in East Sikkim, near the international boundary with China.

CONCEPT

Nathu La Pass (4,310 m) on the same highway was a historic Silk Road crossing; it was reopened for India-China border trade in 2006. Brahminy ducks (Ruddy Shelducks) inhabit Tsomgo Lake. Climate change is increasing unpredictability of Himalayan snowfall, posing growing risks to high-altitude tourism.

Q 3 The Bhavantar Bhugtan Yojana compensates farmers when market prices fall below which benchmark?

- A WPI (Wholesale Price Index)
- B MSP (Minimum Support Price) ✓
- C CPI (Consumer Price Index)
- D Export Parity Price

EXPLANATION

BBY pays farmers the difference between the MSP (Minimum Support Price) and the market/modal price when farmers sell in APMC mandis. The government does not physically procure the produce — it only compensates the price gap via DBT.

CONCEPT

India's MSP is currently calculated on the A2+FL formula (actual paid-out costs plus family labour). The Swaminathan Commission recommended C2+50%, which includes imputed rent on land. PM-AASHA (2018) includes a central-level Price Deficiency Payment Scheme (PDPS) component mirroring BBY, but implementation has been limited.

Q 4 Which of the following best describes the CAATSA law and its relevance to India?

- A A WTO dispute mechanism India invoked against China on anti-dumping
- B A US law that can sanction third-country entities buying arms from Russia, Iran, or North Korea ✓
- C A UN Security Council resolution blocking arms transfers to conflict zones
- D A bilateral India-US defence technology sharing agreement

EXPLANATION

CAATSA (Countering America's Adversaries Through Sanctions Act, 2017) allows the US to impose secondary sanctions on entities that conduct significant transactions with Russia, Iran, or North Korea. India's purchase of the Russian S-400 Triumf air defence system triggered CAATSA concerns, though the US granted India a waiver.

CONCEPT

India is one of the world's largest defence importers. Russia historically supplied ~60-70% of India's defence imports; this share is declining as India diversifies to the US, France, and Israel, and expands domestic production under the Defence Acquisition Procedure and Atmanirbhar Bharat initiative.

Q 5 The States' Electricity Transition Report analysed 21 states covering what share of India's electricity demand?

A 75%

B 85%

C 95% ✓

D 100%

EXPLANATION

The States' Electricity Transition Report covered 21 states representing 95% of India's total electricity demand, ranking them on multiple dimensions including Market Enablers, Consumer Empowerment, and Clean Energy targets.

CONCEPT

State electricity distribution companies (DISCOMs) control the retail sale of power in India. State policies directly drive the pace of EV adoption, smart meter deployment, and green tariff implementation. Competitive federalism through rankings creates incentives for laggard states to reform.

Q 6 The Rah-Veer scheme offers a financial incentive for assisting road accident victims within the golden hour. What is the reward amount?

A Rs 10,000

B Rs 25,000 ✓

C Rs 50,000

D Rs 1 lakh

EXPLANATION

The Rah-Veer scheme offers Rs 25,000 to any Good Samaritan who assists a seriously injured road accident victim and ensures they reach a hospital within the golden hour (first 60 minutes after injury).

CONCEPT

India records over 1.5 lakh road accident deaths per year — the highest globally. The Motor Vehicles (Amendment) Act 2019 provides legal protection to Good Samaritans from civil and criminal liability. Road safety aligns with SDG 3.6, which targets halving global road traffic deaths by 2030.

Q 7 NewSpace India Limited (NSIL) is the commercial arm of ISRO. What is LVM3's GTO payload capacity?

- A 1,000 kg
- B 2,500 kg
- C 4,000 kg ✓**
- D 8,000 kg

EXPLANATION

The LVM3 (Launch Vehicle Mark-3) can carry 4,000 kg to Geosynchronous Transfer Orbit (GTO). It previously launched 36+36 OneWeb satellites in January and October 2023.

CONCEPT

NSIL was set up under the Indian Space Policy 2023 to commercialise India's space capabilities. The Indian Space Association (ISpA) represents private space companies. ISRO's SSLV (Small Satellite Launch Vehicle), PSLV, and LVM3 cover different payload classes. SpaceX Falcon 9 can launch ~8,300 kg to GTO — India competes on price.

Q 8 What is the Strait of Hormuz's approximate daily oil throughput, making it the world's most critical oil chokepoint?

- A ~5 million barrels per day
- B ~10 million barrels per day
- C ~20 million barrels per day ✓**
- D ~35 million barrels per day

EXPLANATION

Approximately 20 million barrels of crude oil and petroleum products pass through the Strait of Hormuz daily, representing about 20% of globally traded oil. The navigable lane is only 3 km wide in each direction.

CONCEPT

India imports approximately 65% of its crude oil through the Strait of Hormuz. India's Strategic Petroleum Reserve (SPR) capacity is ~5.33 million metric tonnes (~9.5 days of consumption), located at Visakhapatnam, Mangaluru, and Padur. The Bab-el-Mandeb (Red Sea chokepoint) and the Malacca Strait are other critical oil chokepoints for India.

Q 9 The Bhavantar Bhugtan Yojana was first launched in which year by Madhya Pradesh?

A 2013

B 2015

C 2017 ✓

D 2019

EXPLANATION

Bhavantar Bhugtan Yojana was first launched by Madhya Pradesh in 2017 to compensate soybean, groundnut, sesame, and onion farmers when market prices fell below MSP. It has been re-implemented for 2025-26 with expanded crop coverage.

CONCEPT

Madhya Pradesh is India's largest soybean-producing state, accounting for approximately 50% of national output. Soybean prices frequently crash 30-40% below MSP in bumper harvest years, which is the primary driver of agrarian distress in central MP. The state's APMC-linked DBT mechanism pioneered the Price Deficiency Payment model at state level.

Q 10 Which of the following is NOT a component of the PM-AASHA scheme for agricultural income protection?

A Price Deficiency Payment Scheme (PDPS)

B Price Stabilisation Scheme (PSS)

C Private Procurement Stockist Scheme (PPSS)

D Pradhan Mantri Fasal Bima Yojana (PMFBY) ✓

EXPLANATION

PM-AASHA (2018) has three components: PDPS (Price Deficiency Payment), PSS (Price Stabilisation via procurement), and PPSS (Private Procurement Stockist). PMFBY (Pradhan Mantri Fasal Bima Yojana) is a separate crop insurance scheme, not part of PM-AASHA.

CONCEPT

PMFBY is India's crop insurance programme administered by the Agriculture Insurance Company of India (AIC). It covers sowing failure, standing crop losses, and post-harvest losses. States can opt out of PMFBY — several states including Andhra Pradesh, Telangana, and West Bengal have withdrawn citing high premium costs.

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