

Solutions to Current Affairs Quiz 20 September

Detailed Solutions & Explanations

Q1. Answer: C – WMO

- The *State of Global Water Resources 2024* report was released by the **World Meteorological Organization**.
 - Key finding: The global water cycle is becoming more erratic, showing extreme variations between **floods and droughts**.
 - Importance: It highlights the increasing climate-induced stress on freshwater availability.
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Q2. Answer: A – Only one

- ☒ Statement 1: Correct – Manganese is silvery-grey, hard, and brittle.
 - ☐ Statement 2: Incorrect – Odisha has the largest reserves, not Karnataka.
 - ☐ Statement 3: Incorrect – **Madhya Pradesh** is the leading producer of manganese ore in India.
 - Source: Ministry of Mines data.
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Q3. Answer: C – A true, R false

- Assertion (A): True – El Niño = **warm phase of ENSO**, unusual warming of central/eastern Pacific waters.
 - Reason (R): False – During El Niño, **trade winds weaken** (not strengthen). Warm water moves eastward and **upwelling off South America decreases**.
 - Impact: Droughts in India, floods in South America, disruption of monsoons.
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Q4. Answer: A – 1 only

- ☒ Statement 1: Correct – NE-SPARKS promotes **STEM education** in North Eastern states.
 - ☐ Statement 2: Incorrect – Funding is **60:40 (MDoNER : State Governments)**, not 100% central.
 - Objective: Increase innovation & skill development in the NE region.
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Q5. Answer: B – Non-justiciable

- The **Preamble** is an integral part of the Constitution but **not enforceable in court**.

- Case law: *LIC of India v. Union of India (1995)* confirmed non-justiciability.
 - Role: Guides interpretation of the Constitution, reflects ideals (Justice, Liberty, Equality, Fraternity).
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Q6. Answer: A – 1 only

- ☒ Statement 1: Correct – ICGS *Adamyia* is the first in the series of Adamyia-class FPVs, commissioned at Paradip Port.
 - ☒ Statement 2: Incorrect – Built by **Goa Shipyard Ltd.**, not Mazgaon Shipyard.
 - Features: 51m length, over 60% indigenous content, supports **Aatmanirbhar Bharat**.
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Q7. Answer: B – Only three

- The **Gulf of Finland** lies between Finland (north), Estonia (south), and Russia (east).
 - ☒ Countries with a coastline: **Finland, Estonia, Russia**.
 - ☒ Latvia and Poland are not connected to the Gulf.
 - Importance: Strategic waterway leading to **St. Petersburg (Russia)**.
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Q8. Answer: C – Both 1 and 2

- ☒ Statement 1: Correct – PFRDA is a **statutory regulator** (PFRDA Act, 2013; notified in 2014).
 - ☒ Statement 2: Correct – It regulates **National Pension System (NPS) & Atal Pension Yojana (APY)**.
 - Objective: Ensure orderly growth of the pension sector in both organized and unorganized sectors.
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Q9. Answer: C – Both 1 and 2

- ☒ Statement 1: Correct – Corporate Bond Index Derivatives derive value from indices of **high-quality corporate bonds (AA+ & above)**.
 - ☒ Statement 2: Correct – SEBI has permitted **futures trading** on corporate bond indices since 2023.
 - Status: Still at early adoption stage in India, aimed at deepening bond markets.
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Q10. Answer: C – All three

- ☒ Statement 1: Correct – TUS provides data on **time allocation** (work, unpaid care, leisure).
- ☒ Statement 2: Correct – Conducted by **NSO (MoSPI)**.
- ☒ Statement 3: Correct – First ever **all-India TUS was held in 2019**.
- Latest: Nationwide survey conducted in 2024.
- Use: Helps understand **gender roles**, unpaid labour, and socio-economic patterns.