

# VAID ICS LUCKNOW

## DAILY CURRENT AFFAIRS QUIZ

21/07/2025

### ANSWER & EXPLANATION:

Qn 1:

Answer: b. 1 and 2 only

Explanation:

| Statement                          | True/False | Explanation  |
|------------------------------------|------------|--|
| 1. CoinDCX – Unicorn & Features    | True       | CoinDCX became India's first <b>crypto unicorn</b> in 2021 after raising funding from global investors. It offers <b>margin trading, lending, staking, and futures</b> , making it one of the most comprehensive crypto platforms in India.      |
| 2. WazirX – P2P & Binance          | True       | WazirX runs a <b>P2P platform</b> for converting INR to USDT (Tether). In 2019, Binance announced it had acquired WazirX, but in 2022, Binance <b>disputed the ownership claim</b> , creating regulatory confusion.                              |
| 3. CoinSwitch & ZebPay – DEX & KYC | False      | Both <b>CoinSwitch</b> and <b>ZebPay</b> are <b>Centralized Exchanges (CEXs)</b> , not DEXs. They <b>mandate KYC</b> as per Indian compliance norms. CoinSwitch is known for its <b>aggregator model</b> , but it operates custodial wallets and |

Statement      True/False

Explanation

complies with Indian laws requiring user verification.

Qn 2:

Answer :c. 1 only

Explanation:

*Statement 1: Correct*

- PM2.5 comes from both **primary sources** (direct emission) and **secondary sources** (formation through chemical reactions).
- Gases like **Sulphur Dioxide (SO<sub>2</sub>)**, **Nitrogen Oxides (NO<sub>x</sub>)**, **Ammonia (NH<sub>3</sub>)**, and **Volatile Organic Compounds (VOCs)** react in the atmosphere to form **secondary PM2.5**.

*Statement 2: Incorrect*

- PM2.5 is **more harmful than PM10** because it not only affects the lungs but also enters the **bloodstream**, leading to **cardiovascular diseases, stroke, diabetes, and even neurological disorders**.
- So, systemic effects are **very much associated with PM2.5**, not just local respiratory problems.

*Statement 3: Incorrect*

- The WHO 2021 **guidelines** recommend that the **annual average PM2.5 concentration should not exceed 5 micrograms per cubic meter**, not 15.
- The previous limit (2005) was **10 micrograms per cubic meter**, which was made stricter in 2021 due to new evidence of health risks.

### Qn 3:

Answer: A. Only 3

Explanation:

Statement

1. FGD systems are designed to remove **Sulphur Dioxide ( $\text{SO}_2$ )**, not **Nitrogen Oxides ( $\text{NO}_x$ )**.  $\text{NO}_x$  control requires different technologies like Selective Catalytic Reduction (SCR) or Low  $\text{NO}_x$  Burners (LNB).  
**Incorrect**
- India's **NCAP (National Clean Air Programme)** recommends pollution control measures but does **not make FGD mandatory for all plants**. The **Environment Ministry's 2015 notification** made FGD mandatory in phases for specific plants based on capacity, age, and location. In 2024, the ministry further **relaxed the FGD requirement for 78% of coal plants**, citing costs and timelines.
2. **Wet FGD systems** are the most commonly used method worldwide. They use **limestone slurry ( $\text{CaCO}_3$ )** to absorb  $\text{SO}_2$  from the flue gas, forming **calcium sulphite**, which oxidizes into **gypsum ( $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$ )** as a by-product. Gypsum can be reused in the cement and construction industry.
3. **Correct**

### Qn 4:

Answer: A (Only Statement 2 is NOT correct)

Explanation:

Statement Correctness

Explanation

- 1      **Correct**      The WMO is indeed a **specialized agency of the UN**, established

## Statement Correctness

## Explanation

- in 1950, promoting global cooperation in **meteorology, climatology, operational hydrology**, and related fields.
- The **WMO headquarters is in Geneva, Switzerland**, not Paris.
- Although its roots trace back to the International Meteorological Organization (IMO), which was established in 1873, the WMO became a UN agency in 1951 and is **separate from UNESCO**.
- The WMO publishes the "State of the Global Climate Report" **annually**, which is a critical document used in **climate change negotiations under the UNFCCC** framework, especially in COP meetings.
- |   |                |
|---|----------------|
| 2 | NOT<br>Correct |
| 3 | Correct        |

## Qn 5:

Answer:

B) 1 and 3 only

Explanation:

- **Statement 1: Correct**

The SDGs are based on the core principle of “**Leave no one behind**”, focusing on inclusivity, poverty eradication, and universal development irrespective of a country’s income or status.

- **Statement 2: Incorrect**

The SDGs are **not legally binding**. Unlike treaties, they are **voluntary commitments**; countries are encouraged but not compelled by law to meet them.

- **Statement 3: Correct**

**SDG 17** focuses on strengthening partnerships, promoting technology transfer, financial support, trade facilitation, and capacity building—making it critical for the success of all other goals.

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