

# WEEKLY QUIZ

**DATE : (29<sup>th</sup> Dec- 4<sup>th</sup> Jan)**

**1) Consider the following statements:**

- I. The Pradhan Mantri Gram Sadak Yojana (PMGSY) is a centrally sponsored scheme launched in December 2000 with the objective of providing all-weather road connectivity to unconnected rural habitations.
- II. Under PMGSY-IV, only rural habitations with a population of more than 1000 in the plains are eligible for road connectivity.

Which of the statements given above is/are correct?

- A. I only
- B. II only
- C. Both I and II
- D. Neither I nor II

**2) Consider the following statements:**

- I. The Intergovernmental Oceanographic Commission (IOC) of UNESCO was established in 1960 to promote cooperation in marine sciences.
- II. The IOC coordinates the UN Decade of Ocean Science for Sustainable Development (2021–2030).
- III. The IOC Secretariat is located in Geneva, Switzerland.

Which of the statements given above is/are correct?

- A. I and II only
- B. III only
- C. II and III only
- D. I only

**3) Consider the following statements regarding nitrate contamination in groundwater:**

- I. The permissible limit of nitrate in drinking water is 45 mg/l.
- II. Excessive use of nitrogen-based fertilizers can lead to nitrate contamination.
- III. High nitrate levels in water can result in methemoglobinemia in infants.
- IV. Nitrate contamination in water bodies never causes environmental issues like eutrophication.

Which of the statements given above are correct?

- A. II and III only
- B. I, III and IV only
- C. I, II and III only
- D. I, II and IV only

**4) Consider the following types of unclaimed financial assets:**

- I. Deposits in banks
- II. Unclaimed mutual fund investments
- III. Proceeds from insurance policies
- IV. Unclaimed pension fund balances

Which of the statements given above is/are correct?

- A. I, II and III only
- B. III only
- C. IV only
- D. I, II, III and IV

**5) Consider the following statements regarding the Colliery Control (Amendment) Rules, 2025:**

- I. The amendment aims to enhance the ease of doing business in the coal sector.
- II. The requirement of obtaining prior opening permission from the Coal Control Organisation (CCO) has been abolished for coal companies.
- III. The board of the concerned coal company is now empowered to approve the opening of coal mines and seams.
- IV. For non-company entities, the approval for mine opening continues to be granted by the board of the concerned coal company.

Which of the statements given above is/are correct?

- A. I, III and IV only
- B. I, II and IV only

C. I, II and III only  
D. III only

**6) With reference to the Chenab River, consider the following statements:**

- I. The Chenab River receives the Jhelum River in Pakistan and later joins the Sutlej River.
- II. The source of the Chenab River is at the confluence of the Chandra and Bhaga rivers in Himachal Pradesh.
- III. In India, the Chenab River flows west through Jammu & Kashmir between the Siwalik Range to the south and the Lesser Himalayas to the north.

Select the correct answer using the code given below:

- A. II and III only
- B. II only
- C. I and III only
- D. I, II and III

**7) With reference to the Ratanmahal Wildlife Sanctuary, consider the following statements:**

- I. It is situated in the Dahod district of central Gujarat along the Gujarat–Madhya Pradesh border.
- II. The fauna of the sanctuary includes leopard, sloth bear, nilgai, and four-horned antelope.
- III. Ratanmahal Wildlife Sanctuary harbours the maximum population of sloth bears in Gujarat.

Select the correct answer using the code given below:

- A. III only
- B. I and II only
- C. I, II and III
- D. I and III only

**8) Consider the following pairs:**

- I. Indian Tsunami Early Warning Centre — Located in Mumbai
- II. UNESCO–IOC Tsunami Ready Recognition Programme — Recognition is renewable every two years
- III. NDMA tsunami risk guidelines — Recommend only technological upgradation

How many of the pairs given above are correctly matched?

- A. Only one
- B. Only two
- C. Only three
- D. None

**9) Consider the following pairs:**

- I. Somalia — Ethiopia to the north
- II. Puntland — Kenya to the southwest
- III. Somaliland — Djibouti to the northwest

How many of the above pairs are correctly matched?

- A. Only one
- B. Only two
- C. Only three
- D. None

**10) Consider the following pairs:**

- I. Permethrin — Prohibited in IS 19412:2025 (Incense Sticks)
- II. Benzyl cyanide — Prohibited in IS 19412:2025 (Incense Sticks)
- III. Diphenylamine — Prohibited in IS 19412:2025 (Incense Sticks)
- IV. Alethrin — Prohibited in IS 19412:2025 (Incense Sticks)

How many of the pairs given above are correctly matched?

- A. Only one
- B. Only two
- C. Only three
- D. All four

**11) Consider the following statements regarding the 11th Conference of the States Parties (COSP-11) to the UN Convention against Corruption:**

- I. The United Nations Office on Drugs and Crime (UNODC) acts as the secretariat of the Conference.
- II. The Doha Declaration 2025 was adopted during the Conference.
- III. The Conference emphasised leveraging digital technologies, including Artificial Intelligence, to combat cross-border corruption.
- IV. The Convention has 140 signatories and 192 parties as of September 2025.

Which of the statements given above are correct?

- A. I, II and III only
- B. II and III only
- C. I, II, III and IV
- D. III and IV only

**12) Consider the following objectives of the PRAGATI platform:**

- I. To facilitate international cooperation in recovering assets obtained through corruption.
- II. To ensure a collaborative approach by removing administrative silos.
- III. To promote e-transparency and e-accountability in governance.
- IV. To enable real-time monitoring using technology such as video conferencing and drone feeds.

Which of the statements given above are correct?

- A. II, III and IV only
- B. III and IV only
- C. I, II, III and IV
- D. I, II and IV only

**13) With reference to Kalvari class submarines, consider the following statements:**

- I. These submarines are classified as conventional submarines.
- II. The class consists of six submarines, including INS Kalvari, Khanderi, Karanj, Vela, Vagir, and Vaghsheer.
- III. All Kalvari class submarines are named after riverine species found in the Ganga.

Select the correct answer using the code given below:

- A. II and III only
- B. II only
- C. I, II and III
- D. I and II only

**14) Which of the following agencies acts as the secretariat of the Conference of Chief Secretaries on Anti-Terrorism in India?**

- A. Research and Analysis Wing
- B. Intelligence Bureau
- C. National Investigation Agency
- D. National Security Guard

**15) INS Vaghsheer is best described as:**

- A. An aircraft carrier of the Indian Navy
- B. A nuclear-powered attack submarine
- C. A diesel-electric Scorpene-class submarine
- D. An amphibious warfare vessel

**16) Narasapuram lace craft**, recently highlighted as a symbol of women's empowerment, is primarily found in which state?

- A. Kerala
- B. Andhra Pradesh
- C. West Bengal
- D. Tamil Nadu

**17) The Goods and Services Tax Appellate Tribunal (GSTAT) is constituted under which of the following?**

- A. Companies Act, 2013
- B. Finance Act, 2019
- C. CGST Act, 2017
- D. Indian Contract Act, 1872

**18) The United Nations Convention against Corruption (UNCAC), to which India is a party, was adopted in:**

- A. 2007
- B. 2001
- C. 2003
- D. 2005

**19) What is the primary principle behind the levitation of high-speed maglev trains?**

- A. Frictional resistance between wheels and rails
- B. Propulsion by diesel-electric engines
- C. Repulsion of like magnetic poles
- D. Use of high-pressure air cushions

**20) Which of the following is a provision under the Shipbuilding Financial Assistance Scheme (SBFAS) recently notified by the Ministry of Ports, Shipping & Waterways?**

- A. 100% subsidy on ship exports
- B. Direct government procurement of all vessels
- C. Mandatory foreign collaboration for shipyards
- D. Establishment of a National Shipbuilding Mission

**21) Consider the following statements:**

**Assertion (A):** Non-Banking Financial Companies (NBFCs) in India are permitted to accept demand deposits.

**Reason (R):** NBFCs do not form part of the payment and settlement system and cannot issue cheques drawn on themselves.

Which one of the following is correct in respect of the above statements?

- A. Both Statement-I and Statement-II are correct and Statement-II explains Statement-I
- B. Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I
- C. Statement-I is correct, but Statement-II is incorrect
- D. Statement-I is incorrect, but Statement-II is correct

**22) Consider the following statements about frequency combs:**

- I. Frequency combs are primarily used for the amplification of radio signals in telecommunications.
- II. A frequency comb is created using a mode-locked laser that emits very rapid, regular pulses of light.
- III. Precision spectroscopy is one of the key applications of frequency combs.
- IV. Frequency combs are used in the calibration of atomic clocks.

Which of the statements given above is/are correct?

- A. I and III only
- B. II, III and IV only
- C. IV only
- D. I, II and IV only

**23) Consider the following statements regarding the National Technology Readiness Assessment Framework (NTRAF):**

- I. NTRAF aims to replace qualitative estimation with a structured, evidence-based checklist for every stage of development.
- II. NTRAF is designed to serve as the operational backbone for various R&D funds under National Missions.
- III. NTRAF limits assessment to the 'Proof of Concept' stage and does not cover prototype or market readiness.
- IV. NTRAF empowers project investigators to identify technical gaps before seeking funding.

Which of the statements given above is/are correct?

- A. I, II and IV only
- B. II only
- C. III and IV only
- D. II, III and IV only

**24) Consider the following features regarding the INSV Kaundinya:**

- I. It is a modern combat ship equipped with diesel engines and advanced navigation systems.
- II. The ship's propulsion relies entirely on wind power via sails.
- III. The vessel is constructed using the traditional *Tankai* method, which involves stitching wooden planks with coir rope and sealing with natural resin.
- IV. Its design is inspired by Ajanta cave paintings, specifically those from the 5th century CE.

Which of the statements given above is/are correct?

- A. II, III and IV only
- B. IV only
- C. I, II and III only
- D. I, II and IV only

**25) Consider the following statements regarding the categorization of groundwater assessment units:**

- I. Assessment units are categorized as 'Critical' when groundwater extraction is between 90–100% of annual extractable resources.
- II. 'Overexploited' units are those where extraction is less than the annually replenishable groundwater recharge.
- III. An assessment unit is considered 'Semi-critical' if its groundwater extraction is below 50% of annual extractable resources.

Which of the statements given above is/are correct?

- A. I only
- B. I and III only
- C. II and III only
- D. I, II and III



**26) Consider the following statements regarding Mahapurush Srimanta Shankardev:**

- I. He was born in the 18th century in the state of West Bengal.
- II. Shankardev advocated for equality and anti-caste movements.
- III. He was instrumental in introducing Sattriya, a classical dance form.

Which of the statements given above are correct?

- A. II and III only
- B. I and II only
- C. I and III only
- D. I, II and III

**27) Which of the following best describes MahaCrimeOS AI, recently used by Maharashtra Police?**

- A. A machine learning application for monitoring police personnel performance
- B. A blockchain-based platform for tracking illicit financial transactions across states
- C. An open-source software for collecting biometric data of suspects
- D. An AI-based predictive policing tool integrating workflows and India's criminal laws for real-time investigations

**28) In the context of paddy cultivation, what is the primary effect of practicing Alternate Wetting and Drying (AWD) technique?**

- A. It reduces methane emissions by interrupting anaerobic decomposition
- B. It increases the demand for chemical fertilizers in rice fields
- C. It leads to higher groundwater extraction from aquifers
- D. It completely eliminates the need for irrigation in rice cultivation

**29) The Index of Industrial Production (IIP) in India is published monthly by which of the following?**

- A. Reserve Bank of India
- B. Ministry of Statistics and Programme Implementation
- C. Ministry of Heavy Industries
- D. Department for Promotion of Industry and Internal Trade

**30) Pinaka Weapon System, recently tested for its long-range guided rocket, is primarily used for:**

- A. Long-range artillery bombardment
- B. Aerial reconnaissance
- C. Anti-submarine warfare
- D. Electronic surveillance

**31) Consider the following statements:**

**Assertion (A):** Duopoly in the Indian market can lead to inflated pricing and reduced consumer affordability.

**Reason (R):** Duopolistic firms face little competitive pressure, allowing them to raise prices with limited resistance.

Which one of the following is correct in respect of the above statements?

- A. Both Statement-I and Statement-II are correct and Statement-II explains Statement-I
- B. Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I
- C. Statement-I is correct, but Statement-II is incorrect
- D. Statement-I is incorrect, but Statement-II is correct

**32) Consider the following statements regarding Dhruv-NG:**

- I. Dhruv-NG is primarily designed for combat and anti-submarine warfare missions.
- II. Dhruv-NG is a twin-engine, multi-role helicopter developed indigenously in India.

Which of the statements given above is/are correct?

- A. I only
- B. II only
- C. Both I and II
- D. Neither I nor II

**33) Consider the following statements:**

- I. Ammonium sulfate, a secondary pollutant, is formed when nitrogen dioxide reacts directly with ammonia in the presence of sunlight.
- II. Secondary pollutants are formed in the atmosphere by reactions between primary pollutants and other molecules.

Which of the statements given above is/are correct?

- A. I only
- B. II only
- C. Both I and II
- D. Neither I nor II

**34) Consider the following statements:**

- I. The Carbon Border Adjustment Mechanism (CBAM) of the European Union aims to prevent carbon leakage by imposing a carbon tax on imports from countries with weaker climate regulations.
- II. The CBAM applies only to imports of agricultural produce and excludes sectors like steel and aluminium.

Which of the statements given above is/are correct?

- A. I only
- B. II only
- C. Both I and II
- D. Neither I nor II

**35) Consider the following statements regarding the Land Stack platform:**

- I. Land Stack aims to reduce risks related to unauthorized or non-compliant properties.
- II. Land Stack is an integrated GIS-based digital platform for land and property records.
- III. It provides single-window access to land data across multiple departments.
- IV. The platform has been developed based on practices from the United States and Japan.

Which of the statements given above is/are correct?

- A. I and IV only
- B. III only
- C. I, II and III only
- D. I, II and IV only

**36) Consider the following statements regarding the geography of Bulgaria:**

- I. Bulgaria shares its eastern border with the Aegean Sea.
- II. The country's highest peak is Musala, located in the Rila Mountains.
- III. Bulgaria's capital, Sofia, is situated in the west-central region of the country.
- IV. The Danube River forms part of Bulgaria's border with Romania.

Which of the statements given above is/are correct?

- A. II, III and IV only
- B. II only
- C. III and IV only
- D. I and III only

**37) Which of the following statements regarding India and the Regional Comprehensive Economic Partnership (RCEP) is/are correct?**

- I. India withdrew from the RCEP negotiations in 2019 due to concerns over trade imbalances and protection of sensitive sectors.
- II. The "RCEP minus China" strategy allowed India to secure market access to all RCEP countries except China through bilateral FTAs.
- III. By staying out of RCEP, India has prevented the indirect entry of Chinese goods and retained tariff control over Chinese imports.

Select the correct answer using the code given below:

- A. I, II and III
- B. II only
- C. II and III only
- D. III only

**38) With reference to the Financial Stability and Development Council (FSDC), consider the following statements:**

- I. The Council is chaired by the Union Finance Minister and includes heads of major financial regulatory bodies such as RBI, SEBI, IRDAI, PFRDA, and IBBI.
- II. FSDC is an apex, non-statutory council under the Ministry of Finance, established in 2010.
- III. The FSDC sub-committee is chaired by the RBI Governor and provides inputs for the Financial Stability Report.

Select the correct answer using the code given below:

- A. II only
- B. I and II only
- C. I and III only
- D. I, II and III

**39) Stingless bees (Meliponini), recently in news for being granted legal rights, are significant in the Amazon because:**

- A. They are the only pollinators of the vanilla orchid
- B. They are the primary predators of cacao pests
- C. They sustain 80% of Amazonian flora, including cacao and coffee
- D. They are the largest producers of royal jelly in the world

**40) The Pralay missile, recently launched from the Odisha coast, is:**

- A. An air-to-air missile developed by the Indian Navy
- B. A submarine-launched ballistic missile with intercontinental range
- C. A long-range cruise missile designed for anti-ship roles
- D. An indigenous, short-range, surface-to-surface quasi-ballistic missile

**41) Consider the following statements:**

**Assertion (A):** India's contributions to the World Health Organization's pharmacovigilance database have improved significantly in recent years.

**Reason (R):** The Pharmacovigilance Programme of India (PvPI) analyses drug-related adverse events and sends recommendations to the Central Drugs Standard Control Organisation (CDSCO).

Which one of the following is correct in respect of the above statements?

- A. Both Statement-I and Statement-II are correct and Statement-II explains Statement-I
- B. Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I
- C. Statement-I is correct, but Statement-II is incorrect
- D. Statement-I is incorrect, but Statement-II is correct

**42) Consider the following statements:**

**Assertion (A):** Photo tourism has led to the disappearance of certain amphibian species in the Western Ghats.

**Reason (R):** The galaxy frog is found in high-altitude evergreen forests and shola forests of the south-western Ghats.

Which one of the following is correct in respect of the above statements?

- A. Both Statement-I and Statement-II are correct and Statement-II explains Statement-I
- B. Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I
- C. Statement-I is correct, but Statement-II is incorrect
- D. Statement-I is incorrect, but Statement-II is correct

**43) Consider the following segments targeted under the ECMS scheme:**

- I. Sub-Assemblies such as Display Module and Camera Module
- II. Supply Chain Ecosystem and Capital Equipment
- III. Selected Bare Components such as HDI/Flexible PCB
- IV. Automotive Engine Manufacturing

Which of the statements given above is/are correct?

- A. II only
- B. II, III and IV only
- C. I and III only
- D. I, II and III only

**44) Consider the following elements regarding the PRAGATI system:**

- I. It is a three-tier system involving the Prime Minister's Office, Union Government Secretaries, and Chief Secretaries of the States.
- II. PRAGATI accelerates the implementation of mega projects and welfare schemes.
- III. It was launched in 2020 as a platform for grievance redressal only.
- IV. One of its objectives is the technology-based monitoring of major projects.

Which of the statements given above is/are correct?

- A. I only
- B. I, II, III and IV
- C. II, III and IV only
- D. I, II and IV only

**45) With reference to the ways geo-economics is shaping geopolitics, consider the following statements:**

- I. The U.S. "Pax Silica" initiative aims to secure supply chains for semiconductors and critical minerals.
- II. The European Union's Carbon Border Adjustment Mechanism (CBAM) imposes emission reduction burdens on the Global South.
- III. Trade wars between major economies such as the United States and China have involved technological supremacy, including in semiconductors.

Select the correct answer using the code given below:

- A. I, II and III
- B. III only
- C. I and III only
- D. II and III only

**46) Rani Velu Nachiyar, who was recently commemorated, is best known for which of the following achievements?**

- A. Negotiating the Treaty of Seringapatam with the British
- B. Founding the Travancore kingdom in Kerala

- C. Forming the first recorded all-women army unit in world history
- D. Leading the Sepoy Mutiny of 1857 against the British

47) **Staphylococcus bacteria**, as reported in recent studies, are best identified as:

- A. Gram negative, rod-shaped bacteria causing tuberculosis
- B. Gram negative, spiral-shaped bacteria responsible for cholera
- C. Gram positive, spherical-shaped bacteria occurring in clusters
- D. Gram positive, filamentous bacteria causing leprosy

48) **The India-Pakistan Non-attack Agreement**, signed in 1988, is significant because it:

- A. Requires both countries to exchange information annually about the location of their nuclear installations
- B. Establishes a mutual verification mechanism for missile tests
- C. Creates a joint disaster management authority for nuclear accidents
- D. Sets up a hotline for communication between prime ministers

49) **Red Sanders**, recently mentioned in the context of Access and Benefit Sharing, is:

- A. A non-native invasive grass species found in the Western Ghats
- B. An endemic tree species of the Eastern Ghats, classified as Endangered by the IUCN
- C. An ornamental plant native to the Himalayas
- D. A medicinal herb cultivated widely in northern India

50) **The Battery Pack Aadhaar System**, for which draft guidelines were recently released, is:

- A. A digital payment mechanism for battery recycling companies
- B. A government-mandated battery certification program
- C. An indigenous digital identification and data storage system to ensure traceability of batteries throughout their lifecycle
- D. A mobile application for public awareness on battery disposal

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