

# WEEKLY QUIZ

**DATE : (22<sup>nd</sup> Dec- 28<sup>th</sup> Dec)**

**1) Consider the following statements:**

**Assertion (A):** The Aravalli range acts as a barrier preventing the spread of the Thar Desert eastwards.

**Reason (R):** The Aravalli range guides monsoon clouds eastward towards regions such as Shimla and Nainital.

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

**2) Consider the following statements:**

**Assertion (A):** The Kuttanad Wetland Agricultural System is the only system in India where rice is cultivated below sea level.

**Reason (R):** The system is included in the Globally Important Agricultural Heritage Systems (GIAHS) of the Food and Agriculture Organization (FAO).

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

**3) Consider the following statements:**

- I. The Great Indian Bustard is primarily threatened by habitat loss due to the expansion of electricity lines and infrastructure development.
- II. The Great Indian Bustard is listed under Schedule I of the Wildlife (Protection) Act, 1972 and Appendix I of CITES.

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

**4) Consider the following statements:**

- I. Lothal is known as the site where the earliest man-made dockyard of the Indus Valley Civilisation was discovered.
- II. The National Maritime Heritage Complex (NMHC) is being developed under the Sagarmala programme at Lothal in Gujarat.

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

**5) Consider the following statements:**

- I. Government e-Marketplace (GeM) facilitates online procurement of goods and services by private companies as well as government departments.
- II. Government e-Marketplace (GeM) is a Section 8 company under the administrative control of the Ministry of Commerce and Industry.

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

**6) Consider the following statements:**

- I. The kilonova phase in a superkilonova results from the merger of two neutron stars formed after a supernova.
- II. Every supernova event is followed by a kilonova, making superkilonovae a common cosmic occurrence.
- III. The supernova explosion in the superkilonova process marks the end of a massive star's life.
- IV. A superkilonova involves a supernova explosion followed by a kilonova from the same source.

Which of the statements given above are correct?

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

**7) Consider the following statements:**

- I. The Southern Ocean is entirely located north of 60° south latitude.
- II. The Southern Ocean is also referred to as the Antarctic Ocean.
- III. The Southern Ocean includes major water bodies such as the Ross Sea and the Weddell Sea.
- IV. The Southern Ocean is one of the five great ocean basins of the planet.

Which of the statements given above is/are correct?

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

**8) Consider the following statements about GhostPairing:**

- I. Once successful, the attacker's device is added as a hidden trusted device and gains full account access.
- II. GhostPairing is a cyber scam that allows hackers to take over WhatsApp accounts without needing the user's password or SIM card.
- III. The attack works by tricking users into approving a legitimate-looking device pairing code.
- IV. All cyber scams targeting WhatsApp accounts require access to the user's original phone and SIM card.

Which of the statements given above are correct?

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

**9) Consider the following effects of excessive aluminium in paddy field soils:**

- I. Increased solubility and toxicity of aluminium as soil pH drops below five.
- II. Disruption in the uptake of nutrients like calcium and potassium.
- III. Improvement in the uptake of key nutrients such as phosphorus and magnesium.
- IV. Damage to plant roots.

Which of the statements given above is/are correct?

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

**10) Consider the following statements regarding India's mineral self-sufficiency:**

- I. India is completely self-sufficient in lithium, cobalt, and nickel for its domestic requirements.
- II. India has covered more than 50% of its area with detailed mineral exploration, focusing on both surface and deep-seated deposits.
- III. India is largely self-sufficient in key industrial minerals such as bauxite, chromite, and limestone.

Which of the statements given above is/are correct?

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

**11) Under the Electoral Trusts Scheme, 2013, which of the following statements is correct regarding the mandatory distribution of contributions?**

- A. Electoral Trusts must distribute 80% of total contributions received to registered political parties.
- B. Electoral Trusts are prohibited from receiving contributions from companies.
- C. Electoral Trusts must distribute 95% of total contributions received to registered political parties.
- D. Electoral Trusts can retain all contributions for up to two financial years.

**12) The enzyme SIRT6, recently highlighted in scientific studies, is best described as:**

- A. A longevity-linked enzyme that regulates tryptophan metabolism.
- B. An industrial catalyst used in biofuel production.
- C. A bacterial enzyme responsible for nitrogen fixation.
- D. A plant hormone involved in phototropism.

**13) In the context of India's recent Free Trade Agreement (FTA) with New Zealand, which of the following statements is correct?**

- A. The agreement does not cover services trade or skilled mobility.
- B. The FTA was signed exclusively for digital goods and services.
- C. New Zealand is India's second-largest trading partner in Oceania.
- D. The FTA excludes agricultural products from zero-duty access.

**14) The Financial Fraud Risk Indicator (FRI) introduced by the Department of Telecommunications is primarily intended to:**

- A. Certify fintech platforms for cybersecurity standards.
- B. Evaluate the creditworthiness of banks and financial institutions.
- C. Monitor cross-border financial transactions for tax evasion.
- D. Identify mobile numbers potentially involved in financial fraud.

**15) Consider the following statements:**

- I. Personality rights in India include only the right to publicity and exclude the right to privacy.
- II. The right to privacy as a component of personality rights is provided under Article 21 of the Constitution of India.
- III. The *K.S. Puttaswamy Case (2017)* is associated with the protection of the right to privacy in India.

Which of the statements given above is/are correct?

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

**16) Consider the following statements regarding the Forest (Conservation) Act, 1980:**

- I. The Act requires prior approval of the Central Government for diversion of forest land for non-forest purposes.
- II. The Act mandates the constitution of an Advisory Committee by the State Government to decide on forest land diversion.
- III. The Act covers reserved forests, protected forests, and forest land recorded by the government.
- IV. The objective of the Act is conservation of forests and regulation of forest land use.

Which of the statements given above is/are correct?

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

**17) With reference to the recent measures for strengthening the PESA Act, 1996, consider the following statements:**

- I. The Ministry of Panchayati Raj has established dedicated Centres of Excellence in central universities to support capacity-building for PESA implementation.
- II. Training manuals for PESA have been translated only into Hindi and English.
- III. The PESA-Gram Panchayat Development Plan Portal was launched to aid in planning and monitoring of development activities in Scheduled Areas.

Select the correct answer using the code given below:

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

**18) Consider the following pairs:**

- I. Data Phishing — Use of ransomware to lock user files for ransom
- II. Pig Butchering — Victims lured into fake relationships for financial fraud
- III. Instant Loan Apps — Quick loans offered, personal data misused for blackmail
- IV. Phantom Hacking — Scammers impersonate officials claiming devices are hacked

How many of the above pairs are correctly matched?

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

**19) Consider the following statements:**

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**Assertion (A):** The PESA Act overrides standard constitutional rules and State legislature laws in Fifth Schedule Areas.

**Reason (R):** The Act aims to empower Gram Sabhas with mandatory consent over local resource management and preservation of tribal cultural identity.

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

**20) Consider the following statements:**

**Assertion (A):** The Financial Fraud Risk Indicator (FRI) enables banks and financial institutions to generate early alerts regarding potential financial fraud.

**Reason (R):** The FRI is developed as part of the Digital Intelligence Platform (DIP), a secure real-time data-sharing system.

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

**21) Consider the following statements:**

- I. The International Civil Aviation Organization (ICAO) is a specialized agency of the United Nations, established under the Chicago Convention, and coordinates global standards for safety, efficiency, and sustainability in air transport.
- II. The ICAO Council consists of 36 members, elected by the 193 Member States during the ICAO Assembly, and serves for a three-year term.

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

**22) Consider the following statements:**

- I. The SAGAR doctrine, launched in 2015, aimed at improving India's maritime engagement through five pillars, including connectivity and infrastructure.
- II. According to the MAHASAGAR policy, India's maritime objectives are limited to disaster management alone.
- III. India's reconstruction assistance package for Sri Lanka after cyclone Ditwah is entirely focused on humanitarian aid, with no relevance to India's maritime strategic doctrines.

Which of the statements given above is/are correct?

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

**23) Consider the following statements:**

- I. The LVM3 launch vehicle has a lift-off mass of 4200 tonnes and can place satellites in Sun-Synchronous Polar Orbit (SSO).
- II. NewSpace India Limited (NSIL), incorporated in 2019 under the Department of Space, is the commercial arm of ISRO.
- III. The BlueBird Block-2 satellite is part of a global Low Earth Orbit (LEO) constellation and enables direct-to-mobile connectivity for 4G and 5G services.
- IV. LVM3-M6 is the sixth operational flight of LVM3 and was launched from Satish Dhawan Space Centre, Sriharikota.

Which of the statements given above is/are correct?

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

**24) Consider the following statements:**

- I. Thanjavur painting is a classical art form that originated in Karnataka and flourished primarily under the Maratha rulers.
- II. The Thanjavur painting style has received a Geographical Indications (GI) tag.
- III. Thanjavur paintings are characterized by the use of vibrant natural colours, gold foil, and embellishments such as glass beads and semi-precious stones.
- IV. These paintings are also known as *Palagai Padam* as they are crafted on wooden planks.

Which of the statements given above are correct?

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

25) Consider the following pairs:

- I. Vitthala Temple — Chola dynasty architecture
- II. Hampi — Tungabhadra basin, Karnataka
- III. Krishna Temple — Vijayanagara Empire

How many of the above pairs are correctly matched?

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

26) Consider the following statements:

**Assertion (A):** Industrial parks in India promote higher productivity and operational efficiency.

**Reason (R):** Industrial parks offer shared infrastructure and a predictable regulatory environment.

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

27) Consider the following statements:

**Assertion (A):** India's patent applications have surpassed 1,10,000 in recent years.

**Reason (R):** This growth is largely due to increased filings by Indian residents, indicating a trend toward self-reliance in innovation and R&D.

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

28) Consider the following statements:

**Assertion (A):** The creator economy in India has contributed significantly to GDP and employment generation.

**Reason (R):** Brand spending on digital creators is expected to decrease in the next 2-3 years.

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

29) Consider the following statements:

**Assertion (A):** The Reserve Bank of India uses open market operations to adjust rupee liquidity conditions.

**Reason (R):** Open market operations exclusively involve the purchase of government securities by the RBI.

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

30) Consider the following statements:

**Assertion (A):** Swami Shraddhanand Saraswati was assassinated in Delhi in 1926.

**Reason (R):** He played a key role in the Shuddhi movement of the 1920s.

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

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- 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

**31) Consider the following statements:**

- I. The "Sahkar Shakti-Sakha/Sakhi Model" is advocated under a mission-mode approach to strengthen farmer-first initiatives.
- II. In India, all cooperatives are women-led and face no gender gaps in participation.
- III. Digital public infrastructure and cooperative stack development are recommended to promote institutionalized support for marginal farmers.

Which of the statements given above is/are correct?

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

**32) Consider the following observations about the implementation challenges of the RFCLARR Act, 2013:**

- I. Social Impact Assessments are always conducted by independent third-party agencies.
- II. There have been reports of arbitrary reclassification of rural land as urban to reduce compensation liabilities.
- III. Loss of customary forest rights is recognized as a form of economic displacement requiring full rehabilitation.
- IV. The National Monitoring Committee has been effective in mitigating discontent in all large-scale projects.

Which of the statements given above are correct?

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

**33) Consider the following pairs:**

- I. Singaravelu Chettiar — First President of the Communist Party of India
- II. S. V. Ghate — First General Secretary of the Communist Party of India
- III. Abani Mukherjee — Founded CPI in exile in Tashkent

How many of the pairs given above are correctly matched?

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

**34) Which ministry is responsible for implementing the PM-SETU (Pradhan Mantri Skilling and Employability Transformation through Upgraded ITIs) Scheme?**

- A. Ministry of Skill Development and Entrepreneurship
- B. Ministry of Micro, Small and Medium Enterprises
- C. Ministry of Labour and Employment
- D. Ministry of Human Resource Development

**35) What is the K-4 missile, recently tested by DRDO from INS Arighat?**

- A. A nuclear-capable intermediate-range submarine-launched ballistic missile
- B. An air-to-air missile for fighter aircraft
- C. An anti-ship missile for naval surface vessels
- D. A cruise missile designed for land-attack operations

**36) The Kimberley Process** is best described as:

- A. A framework for environmental regulation of mining industries
- B. A tripartite initiative to prevent the trade in conflict diamonds
- C. A certification scheme for gold and precious metals
- D. A bilateral agreement between India and South Africa for diamond mining

**37) India's largest circular labyrinth**, dating from the Satavahana period, was recently discovered in which state?

- A. Gujarat
- B. Karnataka
- C. Rajasthan
- D. Maharashtra

**38) Which of the following statements about the Quality Council of India (QCI) is correct?**

- A. It was established solely by the Indian industry
- B. The chairman is appointed by the President of India
- C. Its nodal ministry is the Ministry of Consumer Affairs, Food and Public Distribution
- D. It is a non-profit organization registered under the Societies Registration Act, 1860

**39) Santhali language**, recently in news for the translation of the Constitution, belongs to which language family?

- A. Tibeto-Burman
- B. Austro-Asiatic (Munda)
- C. Indo-Aryan
- D. Dravidian

**40) Lake Chad**, a freshwater lake, is located at the conjunction of which of the following countries?

- A. Nigeria, Chad, Cameroon, and Niger
- B. Nigeria, Mali, Burkina Faso, and Benin
- C. Nigeria, Ghana, Togo, and Benin
- D. Nigeria, Equatorial Guinea, Cameroon, and Central African Republic

**41) 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

**42) 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

**43) 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

**44) 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

**45) 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

**46) 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

**47) 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

**48) 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

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**49) 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

**50) 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