

WEEKLY QUIZ

DATE : 28th April – 5th May

1) A sharp rise in gold prices can impact India's economy in various ways. Which of the following effects are likely consequences of a sustained gold price increase in India?

1. Worsening of India's current account deficit
2. Appreciation of the Indian rupee (increase in rupee's value) due to costlier gold
3. Significant direct increase in India's CPI (consumer inflation) because gold has a large weight in the consumer price index

How many of the above statements is/are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

2) Non-Tariff Barriers (NTBs) in global trade have been a topic of discussion. Which of the following statements is/are NOT correct about NTBs?

1. "Non-tariff barriers" refer to ordinary customs tariffs applied on imported goods
2. The WTO agreements have completely eliminated the use of non-tariff barriers in international trade
3. Import quotas and licensing requirements are not considered NTBs

Select the correct answer:

- (a) 1 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) 1, 2 and 3

3) Match the following international agreements/schemes with their primary subject matter:

AGREEMENT/SCHEME	SUBJECT
INDUS WATERS TREATY, 1960	Sharing of river waters between India and Pakistan
SAARC VISA EXEMPTION SCHEME	Visa-free travel for designated categories in South Asia
MONTREUX CONVENTION, 1936	Regulation of warship passage through the Turkish Straits
VIENNA CONVENTION ON THE LAW OF TREATIES, 1969	Rules governing diplomatic immunity and consular access

How many of the above pairs are correctly matched?

- (a) Only one
- (b) Only two
- (c) Only three
- (d) All four

4) Which of the following factors can contribute to coral bleaching?

1. A decrease in sea surface temperatures below the normal range for a prolonged period
2. Increased levels of carbon dioxide absorption by the oceans
3. Runoff containing pollutants and excessive sedimentation near coral reefs

Select the correct answer using the code given below:

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) 1, 2 and 3

5) Consider the factors that can influence gold prices in India:

1. Fluctuations in the international market rates of gold
2. Changes in the exchange rate of the Indian Rupee against major global currencies
3. The domestic demand for gold during the agricultural harvest season

How many of the above statements is/are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

6) Consider the following pairs related to international chemical conventions:

1. Stockholm Convention: Primarily focuses on managing the trade of hazardous chemicals through Prior Informed Consent
2. Rotterdam Convention: Aims to eliminate or restrict the production and use of Persistent Organic Pollutants (POPs)

Which of the above statements is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

7) Consider the following statements regarding the Cabinet Committee on Security (CCS) in India:

Statement-I: The CCS approves all major defence procurement proposals exceeding a certain financial threshold

Statement-II: The CCS is chaired by the Defence Minister, reflecting its primary focus on military and security matters

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 is the correct explanation for Statement-I
- (b) Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-I
- (c) Statement-I is correct but Statement-II is incorrect
- (d) Statement-I is incorrect but Statement-II is correct

8) Match the following defence assets/exercises with their primary characteristic or objective:

DEFENCE ASSET/EXERCISE	CHARACTERISTIC/OBJECTIVE
INS SURAT	Indigenous stealth-guided missile destroyer (Project 15B)
EXERCISE AAKRAMAN	Full-spectrum operational readiness drill involving fighter jets
MRSAM	Air defence system capable of intercepting aerial threats
BRAHMOS	Supersonic cruise missile for long-range precision strikes

Select the correct matching:

- (a) 1-B, 2-A, 3-D, 4-C
- (b) 1-A, 2-B, 3-C, 4-D
- (c) 1-B, 2-D, 3-A, 4-C
- (d) 1-D, 2-A, 3-B, 4-C

9) Consider the following statements regarding the Simla Agreement of 1972:

Statement-I: The Simla Agreement explicitly converted the Ceasefire Line in Jammu and Kashmir into the Line of Control (LoC) with the mutual agreement that it would not be altered unilaterally by either India or Pakistan

Statement-II: A primary objective of the Simla Agreement was to secure the release of Pakistani Prisoners of War (POWs) held by India following the 1971 Bangladesh Liberation War

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 is the correct explanation for Statement-I
- (b) Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-I
- (c) Statement-I is correct but Statement-II is incorrect
- (d) Statement-I is incorrect but Statement-II is correct

10) Consider the following statements regarding the Krishna River system:

1. The Krishna River originates in the Eastern Ghats near Mahabaleshwar and flows westward to drain into the Arabian Sea
2. The Nagarjuna Sagar Dam, a major multipurpose project, is located entirely within the state of Andhra Pradesh on the Krishna River
3. The Krishna River basin is characterized by highly seasonal, rain-fed flow, making it prone to significant variations in water availability between monsoon and dry seasons

How many of the above statements is/are correct?

- (a) Only one
- (b) Only two

- (c) All three
(d) None

11) In agriculture, Nano Sulphur is primarily used for which of the following purposes?

1. As a broad-spectrum fungicide
2. As a nitrogen-fixing agent in soil
3. As a micronutrient supplement
4. As an insecticide against specific pests

How many of the above statements is/are correct?

- (a) Only one
(b) Only two
(c) Only three
(d) All four

12) Which of the following is a key feature of the Next-Generation Health Management Information System (HMIS) for Central Government Health Scheme (CGHS) beneficiaries?

- (a) Mandatory physical verification of all beneficiaries annually
(b) PAN-based unique identification of beneficiaries
(c) Decentralized medicine procurement and distribution
(d) Exclusive access to private hospitals empanelled under CGHS

13) Consider the following sources of PM₁₀ pollution:

1. Direct emissions from vehicles (primary particles)
2. Formation from gaseous pollutants like SO₂ and NO_x (secondary particles)
3. Wind-blown dust from construction sites

Which of the above contribute to PM₁₀ pollution?

- (a) 1 and 2 only
(b) 2 and 3 only
(c) 1 and 3 only
(d) 1, 2, and 3

14) According to the US Constitution, if both the President and the Vice President are unable to discharge the powers and duties of the office, who is next in the line of succession?

- (a) The President Pro Tempore of the Senate
(b) The Chief Justice of the Supreme Court
(c) The Secretary of State
(d) The Speaker of the House of Representatives

15) What are the expected benefits of implementing the Next-Generation Health Management Information System (HMIS) for Central Government Health Scheme (CGHS)?

1. Improved service delivery and administrative efficiency
2. Elimination of duplicate records and streamlined entitlements
3. Real-time digital access to health information for beneficiaries
4. Complete autonomy for individual beneficiaries in choosing empanelled hospitals

Which of the statements given above is/are correct?

- (a) 1, 2, and 3 only
(b) 2, 3, and 4 only
(c) 1 and 4 only
(d) 1, 2, 3, and 4

16) With reference to the SAARC Visa Exemption Scheme (SVES), which of the following statements is correct?

- (a) It allows all citizens of SAARC countries to travel without a visa to any other SAARC nation
(b) It is applicable only to government officials of SAARC member states
(c) It grants special visa-free entry to specified categories of people from SAARC countries
(d) It was introduced after 2015 to boost tourism in South Asia

17) The HAL Dhruv helicopter, often seen in news, is:

- (a) A single-engine attack helicopter developed with Russian assistance
(b) A twin-engine utility helicopter indigenously developed in India
(c) A heavy-lift transport helicopter jointly built by India and the USA
(d) An unmanned helicopter used by the Indian Navy

18) Indus Waters Treaty (IWT) of 1960 has been in news. Which of the following statements about the treaty is/are correct?

1. It allocated the water of three “eastern” rivers of the Indus system to India, and the three “western” rivers primarily to Pakistan
2. It allows India to construct run-of-river hydropower projects on the western rivers within specified design constraints
3. It permits either country to unilaterally suspend and exit the treaty at any time

Select the correct answer using the code below:

- (a) 1 and 2 only
(b) 1 and 3 only

- (c) 2 and 3 only
(d) 1, 2 and 3

19) Consider the following statements:

1. The Kashmir Valley is drained by the Jhelum River
2. Pahalgam is situated at the confluence of a stream from Sheshnag Lake and the Lidder River
3. The Pir Panjal Range lies to the northeast of the Kashmir Valley

How many of the above statements is/are correct?

- (a) Only one
(b) Only two
(c) All three
(d) None

20) Which of the following statements about the Sea of Marmara is/are correct?

1. It is an inland sea located entirely within the territory of Turkey
2. It connects the Black Sea to the Aegean Sea through the Bosphorus and Dardanelles straits
3. It lies along a major fault line, making the region prone to frequent earthquakes
4. It is one of the largest seas in the world by surface area

Select the correct answer using the code below:

- (a) 1, 2 and 3 only
(b) 1, 2 and 4 only
(c) 2, 3 and 4 only
(d) 1, 2, 3 and 4

21) Consider the following statements regarding Automatic Number Plate Recognition (ANPR):

- Statement-I: ANPR systems help improve road tax compliance and traffic law enforcement
- Statement-II: They rely on blockchain-based registries for immutable vehicle identification

Select the correct answer code:

- (a) Both Statement-I and Statement-II are correct and Statement-II is the correct explanation for Statement-I
(b) Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for 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 regarding Global Navigation Satellite System (GNSS) integration in tolling:

1. GNSS cannot be used in tunnels or under dense foliage
2. GNSS tolling allows real-time feedback on road conditions to drivers
3. GNSS allows seamless interoperability across countries using different satellite systems

How many of the above statements is/are correct?

- (a) Only one
(b) Only two
(c) All three
(d) None

23) Consider the following statements regarding Khadi and Village Industries Commission (KVIC):

1. KVIC was originally established as part of the Planning Commission
2. KVIC supplies raw materials and offers artisan training
3. It undertakes R&D to promote renewable energy use in rural industries
4. KVIC has the authority to conduct market linkage campaigns and retail promotions

How many of the above statements is/are correct?

- (a) Only one
(b) Only two
(c) Only three
(d) All four

24) Consider the following statements regarding the objectives and design of the HEALD initiative, recently in news:

1. It promotes liver transplant surgeries under a subsidized scheme
2. It aims to integrate liver health into national health policies
3. Community outreach under HEALD focuses on underprivileged populations

How many of the above statements is/are correct?

- (a) Only one
(b) Only two

- (c) All three
(d) None

25) Consider the following statements regarding the Eighth Schedule of the Indian Constitution:

1. Inclusion in the Eighth Schedule ensures use of the language in the UPSC Civil Services Exam
2. Sanskrit is one of the 22 languages listed in the Schedule
3. Inclusion in the Schedule mandates its use in primary education across India
4. English was added to the Eighth Schedule after liberalization in 1991

How many of the above statements is/are correct?

- (a) Only one
(b) Only two
(c) Only three
(d) All four

26) Consider the following statements about Moonlight Solar Panels Technology:

- Statement-I: Moonlight Solar Panels generate electricity using heat lost from their surfaces at night
- Statement-II: It works based on thermoelectric generators capturing radiative cooling differentials

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 is the correct explanation for Statement-I
(b) Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-I
(c) Statement-I is correct but Statement-II is incorrect
(d) Statement-I is incorrect but Statement-II is correct

27) The Axiom-4 mission, which recently involved India's participation, included experiments with tardigrades (water bears). What is the primary objective of studying tardigrades in a microgravity environment?

- (a) To assess their potential as a food source for astronauts
(b) To understand their revival and reproduction capabilities in space and the underlying molecular mechanisms of their resilience
(c) To determine their impact on the structural integrity of spacecraft
(d) To evaluate their effectiveness in waste recycling within the International Space Station

28) Nano Sulphur has garnered attention for its diverse applications. In which of the following sectors is Nano Sulphur NOT typically used?

- (a) Agriculture as a fungicide and fertilizer
(b) Production of high-strength construction materials like cement
(c) Biomedical applications including drug delivery
(d) Energy storage in lithium-sulfur batteries

29) Long-term exposure to PM10 pollution is primarily associated with which of the following health issues?

1. Exacerbation of asthma and bronchitis
2. Increased risk of cardiovascular diseases
3. Impaired lung growth in children
4. Development of skin allergies

Which of the statements given above is/are correct?

- (a) 1 and 4 only
(b) 2 and 3 only
(c) 1, 2, and 3 only
(d) 1, 2, 3, and 4

30) Which of the following factors contributes to the exceptional survival abilities of water bears?

1. Their ability to undergo anhydrobiosis (a form of cryptobiosis induced by lack of water)
2. The presence of unique proteins that protect their DNA from radiation
3. Their rapid reproductive cycle allowing for quick adaptation
4. Their large size, providing a greater buffer against environmental changes

Which of the statements given above is/are correct?

- (a) 1 and 2 only
(b) 2 and 3 only
(c) 1, 2, and 3 only
(d) 1, 2, 3, and 4

31) Which of the following best explains why angstrom-scale chips, recently in news, could revolutionize post-silicon computing?

- (a) They allow atomic-scale tailoring of electronic properties
(b) They can function entirely without transistors
(c) They enable memory storage in biological tissues
(d) They eliminate the need for power-hungry data centers

32) Consider the following statements regarding Eighth Schedule of the Indian Constitution:

- Statement-I: The inclusion of a language in the Eighth Schedule leads to automatic recognition as an official language of India
- Statement-II: Languages in the Eighth Schedule receive constitutional support for development and promotion

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 is the correct explanation for Statement-I
- (b) Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-I
- (c) Statement-I is correct but Statement-II is incorrect
- (d) Statement-I is incorrect but Statement-II is correct

33) Consider the following statements about Automatic Number Plate Recognition (ANPR) technology:

1. It eliminates the need for RFID-based tolling systems
2. It can be used to detect vehicles involved in criminal activity
3. It requires internet connectivity for real-time processing

How many of the above statements is/are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

34) Consider the following statements about Global Navigation Satellite System (GNSS) tolling and its benefits:

1. GNSS allows postpaid toll payments via linked bank accounts
2. It avoids congestion and idle fuel wastage at toll booths
3. It operates only in areas with 5G connectivity

How many of the above statements is/are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

35) What makes perovskite solar cells particularly attractive for next-generation solar technologies?

- (a) They operate without the need for sunlight
- (b) They exhibit ultra-high efficiency using organic dyes
- (c) They offer high efficiency with low-cost fabrication techniques
- (d) They use silicon wafers for enhanced photon trapping

36) Consider the following statements regarding ISRO's CROP framework:

1. It assists in pest outbreak predictions using space-based data
2. It improves food security by enabling early yield forecasting
3. It supports agricultural decision-making by fusing multi-sensor data

How many of the above statements is/are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

37) Which of the following rivers forms part of the border between Syria and Jordan?

- (a) Orontes River
- (b) Yarmouk River
- (c) Barada River
- (d) Litani River

38) Which of the following correctly describes the HEALD initiative, recently in news?

- (a) It is a state-led program promoting liver transplant tourism in India
- (b) It is a WHO-funded project to promote Ayurveda-based liver therapies
- (c) It is a UNDP-supported initiative for mental health reform in prisons
- (d) It is India's first national movement addressing alcohol-associated liver disease and liver

39) Consider the following statements about Aryabhata satellite:

1. It was designed for interplanetary exploration
2. It had onboard propulsion systems for orbital adjustments
3. It was built to study the sun, space radiation, and upper atmosphere

How many of the above statements is/are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

40) The Khadi and Village Industries Commission (KVIC) primarily functions under which of the following ministries?

- (a) Ministry of Rural Development
- (b) Ministry of Textiles
- (c) Ministry of Micro, Small and Medium Enterprises
- (d) Ministry of Labour and Employment

41) Consider the following statements regarding Human Rated Launch Vehicle Mark-3 (HLVM3):

- Statement-I: HLVM-3's Crew Escape System improves the survival probability of astronauts during a launch anomaly
- Statement-II: The Crew Escape System activates only after the spacecraft reaches Low Earth Orbit (LEO)

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 is the correct explanation for Statement-I
- (b) Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-I
- (c) Statement-I is correct but Statement-II is incorrect
- (d) Statement-I is incorrect but Statement-II is correct

42) Tungsten is considered essential in defense and aerospace industries because:

- (a) It is used in armor-piercing projectiles and high-strength alloys
- (b) It is the primary component of spacecraft fuel
- (c) It has radioactive properties ideal for nuclear applications
- (d) It is lightweight and non-magnetic

43) Consider the following statements regarding Notifiable diseases:

1. Reporting of notifiable diseases in India is voluntary for healthcare providers
2. Only communicable diseases like AIDS can be notifiable; non-communicable diseases are exempt
3. Notifiable disease status automatically suspends a patient's right to privacy

How many of the above statements is/are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

44) Consider the following statements about volcanoes and super volcanoes:

1. Super volcanoes erupt more frequently than regular volcanoes
2. Regular volcanoes usually have steep, conical shapes
3. Super volcano eruptions have global impacts, while regular volcano eruptions are generally localized

Which of the above statements is/are incorrect?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

45) What is the significance of the Greater Caucasus Range in Georgia?

- (a) It separates Georgia from the Black Sea
- (b) It houses the only desert in Georgia
- (c) It forms a natural border with Turkey
- (d) It serves as a boundary between Europe and Asia

46) Consider the following statements regarding APEDA:

1. APEDA fixes minimum support prices (MSPs) for agricultural commodities intended for export
2. APEDA provides financial assistance for export infrastructure development
3. APEDA is responsible for the registration of exporters dealing in scheduled products

How many of the above statements is/are incorrect?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

47) Consider the following statements regarding Gandhi Sagar Wildlife Sanctuary:

1. The sanctuary is recognized as an Important Bird and Biodiversity Area (IBA)
2. It is dominated by Tropical Rainforests
3. The sanctuary is located entirely in the Vindhyan hill range

How many of the above statements is/are incorrect?

- (a) Only one
- (b) Only two

- (c) All three
(d) None

48) Which of the following minerals detected by NASA's Curiosity Rover suggests the possibility of a dense, ancient Martian atmosphere?

- (a) Gypsum
(b) Olivine
(c) Siderite
(d) Basalt

49) Which of the following best describes the significance of Operation Atalanta in the context of international maritime security?

- (a) It safeguards the commercial oil trade in the Persian Gulf
(b) It operates as part of NATO's anti-piracy initiative in the Mediterranean
(c) It is a European Union mission ensuring humanitarian aid and anti-piracy measures near Somalia
(d) It monitors illegal immigration activities across the Atlantic Ocean

50) Consider the following statements:

1. Mount Kailash is recognized as a UNESCO World Heritage Site
2. Mount Kailash is made up entirely of limestone
3. Lake Mansarovar is a saltwater lake located within India's borders

How many of the above statements is/are correct?

- (a) Only one
(b) Only two
(c) All three
(d) None



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