

# WEEKLY QUIZ

**DATE : 7<sup>th</sup> April - 13<sup>th</sup> April**

**1) Consider the following statements regarding the economic effects of a bear market:**

1. Declining household wealth during a bear market reduces consumer demand.
2. Central banks usually respond by increasing benchmark interest rates.
3. Companies may resort to layoffs and hiring freezes.

**Which of the above statements are correct?**

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

**2) Which of the following are correct regarding the structure and objectives of Regional Rural Banks?**

1. RRBs are governed by the Regional Rural Banks Act, 1976.
2. They are prohibited from engaging in core banking operations like commercial banks.
3. They must comply with priority sector lending norms like other scheduled banks.
4. Their area of operation is typically confined to notified districts in a state.

**Select the correct answer code:**

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

**3) Consider the following statements regarding mirror physics:**

1. Mirrors reflect sound and are used in acoustic applications.
2. Rear-view mirrors in vehicles use plain glass to avoid image distortion.
3. A virtual image formed by a plane mirror appears to be located behind the mirror.

**Which of the above statements is/are correct?**

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

**4) Match the Buddhist contribution with its area of impact:**

Contribution	Area of Impact
A. Sangha institution	1. Social egalitarianism
B. Jataka literature	2. Moral pedagogy & folklore
C. Chaitya-Vihara system	3. Religious and educational architecture

**Select the correct answer code:**

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

**5) Which of the following statements are true about environmentalism in India?**

1. The Chipko movement focused on pollution control in urban areas.
2. Environmentalism links ecological protection with economic justice.
3. Forest Rights Act, 2006 empowers forest-dwelling communities to sustainably manage forests.
4. The Bhopal Gas Tragedy played no role in shaping environmental policy in India.

**Select the correct answer code:**

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

**6) Consider the following statements regarding India Skills Accelerator:**

1. It mandates corporate CSR funds to be routed through a centralized skilling platform.
2. It promotes skilling that is responsive to emerging sectors like robotics and AI.
3. It replaces the Skill India Mission's umbrella framework for all skilling initiatives.

**Which of the above statements is/are correct?**

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

**7) Match the constitutional articles with their relevance to the Governor's assent case:**

ARTICLE	RELEVANCE
<b>A. ARTICLE 200</b>	1. Options available to the Governor on a Bill
<b>B. ARTICLE 163</b>	2. Requirement to act on Ministerial advice
<b>C. ARTICLE 142</b>	3. Supreme Court's power to do complete justice
<b>D. ARTICLE 201</b>	4. Provision for President's assent on reserved Bills

**Select the correct answer code:**

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

**8) The primary objective behind the One State, One RRB Policy is to:**

- a) Privatize all Regional Rural Banks to attract foreign investment
- b) Create competition among multiple sponsor banks within each state
- c) Consolidate Regional Rural Banks to enhance efficiency and eliminate redundancy
- d) Merge RRBs with public sector commercial banks for urban expansion

**9) Which of the following best explains why power line infrastructure poses a disproportionately high threat to the Great Indian Bustard (GIB)?**

- a) GIBs migrate at night, increasing collision risk with low-visibility pylons
- b) GIBs have frontal vision, limiting their ability to detect fast-moving threats
- c) GIBs lack frontal vision, making them vulnerable to collision with overhead lines
- d) Power lines disrupt GIB nesting behavior through electromagnetic interference

**10) Consider the following statements:**

1. Tropical cyclones form in regions with strong vertical wind shear.
2. Tornadoes require calm and stable atmospheric conditions.
3. Tropical cyclones form in areas with high horizontal temperature gradients.

**Which of the above statements are correct?**

- a) 1 only
- b) 2 only
- c) 3 only
- d) None of the above

**11) Consider the following statements regarding the ZooWIN portal:**

1. ZooWIN is a global initiative by the WHO for pandemic preparedness.
2. It uses artificial intelligence to predict zoonotic outbreaks.
3. It is currently operational in all 28 Indian states.

**How many of the above statements is/are correct?**

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

**12) Consider the following statements about the Digital Threat Report 2024:**

1. It recommends replacing all cloud-based infrastructure with on-premises servers.
2. It identifies human error as a critical vulnerability in cyberattacks.
3. It supports banning AI-powered chatbots in digital banking applications.

**How many of the above statements is/are correct?**

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

**13) Mount Kanlaon** is geologically classified as which of the following?

- a) A rhyolitic dome volcano located along the Pacific Ring of Fire
- b) A basaltic shield volcano formed through effusive eruptions
- c) An andesitic stratovolcano known for explosive activity
- d) A caldera complex with no active vent systems

**14)** In light of the Supreme Court's judgment in **The State of Tamil Nadu v. The Governor of Tamil Nadu**, which of the following best reflects the Court's position on the Governor's role in the legislative process?

- a) The Governor may indefinitely withhold assent to a Bill passed by the State Legislature.
- b) The Governor must act independently of the Council of Ministers in all legislative matters.
- c) The Governor is constitutionally bound to decide on a Bill within a reasonable time and act per constitutional conventions.
- d) The Governor may send the Bill back to the Legislature multiple times until satisfied.

**15)** Consider the following statements regarding **bear markets**:

- 1. A bear market begins only when GDP contracts for two consecutive quarters.
- 2. Investors often shift to safe-haven assets like gold and sovereign bonds during bear markets.
- 3. Bear markets are marked by consistent upward revisions in economic forecasts.

**How many of the above statements is/are correct?**

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

**16)** Which of the following best describes the **primary technological innovation** of the European Space Agency (ESA)'s **Biomass Mission**?

- a) Use of thermal imaging to track soil moisture in arid regions
- b) Deployment of passive optical sensors for vegetation analysis
- c) First use of P-band Synthetic Aperture Radar in space-based forest observation
- d) LIDAR-based canopy penetration to assess tree height in alpine zones

**17)** Which of the following statements about **mirrors** are correct?

- 1. All mirrors produce real images by converging light rays.
- 2. The glass layer in a mirror reflects most of the light falling on it.
- 3. A concave mirror can produce both real and virtual images.
- 4. Plane mirrors reverse the object front-to-back but not left-to-right.

**Select the correct answer code:**

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

**18)** Consider the following statements regarding **Buddhism's influence on Indian art and architecture**:

- 1. The Sanchi Stupa was built under Ashoka's patronage and developed further in later centuries.
- 2. Chaityas and Viharas were exclusively religious and had no educational function.
- 3. Ajanta murals represent narrative scenes from Jataka tales.
- 4. Gandhara art depicted the Buddha in Greco-Roman artistic style.

**How many of the above statements is/are correct?**

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

**19)** Consider the following statements regarding key features of **environmentalism**:

- 1. Environmentalism supports environmental justice by linking conservation to local community rights.
- 2. The Environment Protection Act, 1986 focuses primarily on tribal resettlement and afforestation.
- 3. The movement encourages renewable energy and sustainable agriculture as tools for ecological balance.

**Which of the above statements are correct?**

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

**20)** Which of the following statements are true about **limitations of 3D Printing**?

1. Most printers are unable to produce hollow or lattice structures.
2. Intellectual property concerns arise due to digital file sharing and design replication.
3. The technique may lead to delamination due to weak inter-layer bonding.
4. Build volumes of printers limit the size of objects that can be printed in one go.

**Select the correct answer code:**

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

**21)** Consider the following statements about **CAPTCHA**:

1. CAPTCHA automatically blocks all automated bots without user interaction.
2. CAPTCHA is used to prevent brute-force attacks.
3. CAPTCHA systems are primarily used to detect phishing websites.

**How many of the above statements is/are correct?**

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

**22)** **Statement I:** Conservation of Royal Bengal Tigers helps secure freshwater ecosystems and biodiversity corridors.  
**Statement II:** Tigers are apex predators whose ecological role ensures population balance of prey species and habitats.

**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

**23)** Match the **GI-tagged products** with their respective states:

Product	State
<b>A. Channapatna Toys</b>	1. Karnataka
<b>B. Banarasi Saree</b>	2. Uttar Pradesh
<b>C. Pattachitra Painting</b>	3. Odisha

**Select the correct answer code:**

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

**24)** **Statement I:** The Dhansiri River is a critical ecological corridor in the Brahmaputra basin.

**Statement II:** Dhansiri River flows through protected landscapes and supports diverse tributaries and wetland systems.

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

- 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

**25)** Consider the following statements regarding **Buddhist art and architecture**:

1. Gandhara art exclusively used terracotta and depicted only nature motifs.
2. The Ajanta Caves were primarily built during the Maurya period.
3. Sanchi Stupa symbolizes the Buddhist concept of Dharma and cosmic order.

**How many of the above statements are incorrect?**

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



- 26) What makes the **cone shape of an Ice Stupa** especially efficient in preserving ice in high-altitude arid regions?
- It traps air inside the structure, increasing thermal insulation
  - It minimizes surface area exposed to solar radiation
  - It enables faster melting from the top down for early irrigation
  - It directs wind to circulate cold air uniformly around the structure
- 27) What is the **primary strategic purpose of Project Varsha**?
- Enhancing India's satellite launch capabilities
  - Building civilian port infrastructure for the Bay of Bengal
  - Creating an underground nuclear command centre
  - Establishing a secure nuclear submarine base
- 28) **Statement I:** UGC introduced the **Equivalence Regulation 2025** to reduce the dominance of foreign degrees in Indian academia.  
**Statement II:** The regulation provides a standardised and transparent method to evaluate foreign qualifications.

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

- Both Statement-I and Statement-II are correct and Statement-II is the correct explanation for Statement-I
- Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-I
- Statement-I is correct but Statement-II is incorrect
- Statement-I is incorrect but Statement-II is correct

- 29) What is the **primary purpose of the Restatement of Values of Judicial Life** adopted in 1997?

- To regulate judicial appointments under Article 124
- To lay down legally enforceable conduct codes for all court employees
- To outline ethical standards expected of judges of higher courts
- To grant immunity to judges from impeachment proceedings

- 30) The **Ionian Islands** are strategically significant because they:

- Act as a land bridge between Greece and Italy
- Lie at the intersection of tectonic plates and major sea routes
- Are located along the Bosphorus Strait
- Control the entry to the Black Sea

- 31) Consider the following statements regarding **Rare Earth Elements (REEs) and geopolitics**:

- India imports 100% of its REE needs from China.
- The QUAD countries have no REE collaboration initiatives.
- The 2023 India-Australia Critical Minerals Partnership includes REEs.

How many of the above statements are correct?

- Only one
- Only two
- All three
- None

- 32) Consider the following statements regarding **India's tiger conservation initiatives**:

- The Global Tiger Forum is a treaty-based mechanism under the Convention on Biological Diversity (CBD).
- M-STrIPES is a digital system that supports patrolling, GIS mapping, and ecological monitoring in tiger reserves.
- Project Tiger is legally administered by a statutory body created through amendment of the Wildlife (Protection) Act, 1972.

How many of the above statements is/are correct?

- Only one
- Only two
- All three
- None

- 33) Consider the following statements regarding **Gorkhas**:

- The Treaty of Sugauli (1816) marked the beginning of large-scale Gorkha migration into India.
- All Gorkhas in India are citizens of Nepal under the Treaty of Peace and Friendship (1950).
- Gorkhas serve in both the Indian Army and state police forces in India.

How many of the above statements are correct?

- Only one
- Only two
- All three
- None

- 34) The unique thermal property of **Kannadippaya**, that was awarded the Geographical Indication (GI) tag, is due to:

- Reed bamboo's natural insulation
- Surface coating with natural wax
- Alternating layers of palm fibers
- Use of silk threads in weaving

**35)** Consider the following statements about the **Dhansiri River**:

1. It flows directly into Bay of Bengal.
2. Its origin is traced to the Eastern Himalayas.
3. It is a seasonal river with no perennial flow.

**How many of the above statements are correct?**

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

**36)** Consider the following statements about **early Buddhist councils**:

1. The First Council compiled the Tripitaka after Buddha's death.
2. The Fourth Council under Kanishka formalized the split between Theravada and Mahayana.
3. The Second Council at Vaishali introduced the concept of Bodhisattvas.

**How many of the above statements are correct?**

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

**37)** Which of the following best represents the correct implication of a species being listed as "**Extinct in the Wild**" (**EW**) under the IUCN Red List?

- a) The species is extinct in its native habitat but continues to survive in natural reserves
- b) The species can no longer survive even under human-controlled conditions
- c) The species is known only to persist in captivity or cultivation outside its natural range
- d) The species has not been sighted in the wild for 50 years and is declared extinct

**38)** Consider the following statements:

- The Indian Rhino is listed under Schedule II of the Wildlife Protection Act, 1972.
- Rhino horn is composed of ivory, similar to elephant tusks.
- The New Delhi Declaration on Asian Rhinos is a bilateral agreement between India and Nepal.

**Which of the above statements is/are correct?**

- (a) 1 only
- (b) 2 only
- (c) 3 only
- (d) None of the above

**39)** **Statement I:** GI registration safeguards cultural identity and indigenous production systems.

**Statement II:** GI-tagged products can be produced anywhere in India after registration.

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

- 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

**40)** Consider the following statements regarding the **spread and evolution of Buddhism**:

1. Nalanda was founded during Ashoka's reign as the first Buddhist university.
2. Mahayana Buddhism emphasized individual liberation through strict asceticism.
3. Ashoka sent missionaries to Sri Lanka, West Asia, and Southeast Asia.
4. Vajrayana Buddhism integrates Tantric practices with Mahayana philosophy.

**Which of the above statements are correct?**

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

**41)** Which of the following best characterizes the **legal nature of the Arctic Council**?

- a) A treaty-based organization enforcing binding environmental standards
- b) A permanent scientific secretariat under the Antarctic Treaty framework
- c) A United Nations specialized agency for Arctic marine conservation
- d) A high-level intergovernmental forum with consensus-based decision-making

**42)** Consider the following statements about **IUCN extinction categories**:

1. “Extinct” species may still persist in extremely low numbers in inaccessible wild habitats.
2. “Least Concern” species have shown signs of population stress but are protected by law.
3. “Not Evaluated” refers to species that have not yet been formally assessed under IUCN criteria.

**How many of the above statements is/are correct?**

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

**43)** **Statement I:** India is not a party to the **Ottawa Convention**.

**Statement II:** India supports the treaty’s humanitarian goals but maintains the right to use landmines for defensive purposes.

**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

**44)** Consider the following statements regarding the **Indian Tiger and its conservation**:

1. It is the National Animal of India.
2. It is listed in Appendix I of CITES.
3. Maximum tiger population in India is currently found in Madhya Pradesh.
4. The Global Tiger Initiative is a UNDP-led effort for transboundary tiger conservation.

**Which of the above statements are correct?**

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

**45)** Consider the following statements regarding **tariffs and their implications**:

1. Tariffs are imposed only at the consumer level and never affect businesses directly.
2. Anti-dumping tariffs are used to protect domestic industries from unfair pricing practices.
3. Specific tariffs are charged per unit of a good, regardless of its price.

**Which of the above statements are correct?**

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

**46)** **Statement I:** CSIR–National Aerospace Laboratories (NAL) has developed aircraft like SARAS and Hansa to enhance India’s regional air connectivity.

**Statement II:** India lacks indigenous capacity in manufacturing civil aircraft and depends solely on imported platforms.

**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

**47)** Consider the following statements about **National Aerospace Laboratories (NAL)**:

1. It is a subordinate body of Hindustan Aeronautics Limited (HAL).
2. Its main focus is on military aviation strategy and combat drone design.
3. It operates under the Ministry of Science and Technology, Government of India.

**How many of the above statements is/are correct?**

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

- 48) According to the **Technology and Innovation Report 2025**, which of the following best captures **India's strength in frontier technologies**?
- High ICT access and finance access among all developing countries
  - One of the leading private AI investment and R&D output in the developing world
  - Dominance in robotics and high-end biotechnology patenting
  - Top three global rank in industrial automation capacity

- 49) Match the **protected areas** within the reserve with their **state and key significance**:

Protected Area	State	Ecological Significance
A. Kalakkad-Mundanthurai Tiger Reserve	i. Tamil Nadu	1. Core tiger habitat and montane forest
B. Peppara Wildlife Sanctuary	ii. Tamil Nadu	2. Endangered small mammal conservation
C. Srivilliputhur Grizzled Squirrel WLS	iii. Kerala	3. Elephant corridor and moist deciduous zone

Select the correct code:

- A-i-1, B-ii-2, C-iii-3
- A-ii-2, B-i-1, C-iii-3
- A-iii-2, B-ii-3, C-i-1
- A-ii-1, B-iii-3, C-i-2

- 50) Consider the following statements regarding the **ecological and cultural landscape of Agasthyamalai Biosphere Reserve**:

- It is located in the Eastern Ghats and part of the Deccan Plateau.
- It is associated with Sage Agastya, a figure in Indian mythology.

Which of the above statements is/are correct?

- 1 only
- 2 only
- Both 1 and 2
- Neither 1 nor 2

