

# WEEKLY QUIZ

DATE : 10<sup>th</sup> Feb- 16<sup>th</sup> Feb

1) Consider the following statements regarding the Climate Risk Index (CRI) 2025:

1. The CRI assesses the vulnerability of nations based on both natural and anthropogenic disasters.
2. The Climate Risk Index is published annually by the World Meteorological Organization (WMO).
3. The methodology of CRI includes both absolute and relative economic losses to account for the disparity between developed and developing nations.

How many of the above statements is/are correct?

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

2) Which of the following statements best describes Highly Pathogenic Avian Influenza (HPAI) compared to Low Pathogenic Avian Influenza (LPAI)?

- a) HPAI spreads more easily among humans compared to LPAI.
- b) LPAI viruses cause more damage to poultry farms than HPAI viruses.
- c) LPAI strains do not infect humans, while HPAI strains frequently cause human pandemics.
- d) HPAI strains cause severe disease in birds and have a higher mortality rate than LPAI strains.

3) Which of the following is **NOT** a key feature of the U.S.-India COMPACT Initiative?

- a) Reciprocal defense procurement agreements
- b) Establishment of a U.S.-India Space Cooperation Council
- c) Expansion of semiconductor manufacturing partnerships
- d) Promotion of joint military training and exercises

4) Which of the following is **NOT** a key objective of the India-Middle East-Europe Corridor (IMEEC)?

- a) To provide an alternative trade route to China's Belt and Road Initiative
- b) To enhance green energy trade, including hydrogen and renewables
- c) To strengthen digital connectivity and secure high-speed data links
- d) To create a free trade zone between India and Europe

5) Consider the following statements regarding the Public Accounts Committee (PAC):

1. The PAC was first introduced in India under the Government of India Act, 1935.
2. The Chairman of the PAC is always from the ruling party in the Lok Sabha.
3. PAC examines the Appropriation Accounts and Finance Accounts of the government along with CAG Reports.

How many of the above statements is/are correct?

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

6) Which of the following is **NOT** a primary objective of the Matsya 6000 mission?

- a) Conducting deep-sea mineral exploration
- b) Mapping and surveying underwater hydrothermal vents
- c) Launching underwater satellites for oceanic research
- d) Studying marine biodiversity in deep-sea environments

7) According to Climate Risk Index (CRI) 2025, which of the following extreme weather events caused the most deaths globally between 1993-2022?

- a) Cyclones
- b) Floods
- c) Heatwaves
- d) Wildfires

8) Consider the following statements regarding the functions of Matsya 6000:

1. It will be used for underwater archaeology and marine heritage exploration.
2. The submersible can operate indefinitely without resurfacing due to its nuclear power source.
3. It will conduct climate change research by studying the ocean's carbon sequestration capacity.
4. Matsya 6000 is expected to enhance India's deep-sea research capabilities, placing it among the few nations with manned submersible technology.

Which of the above statements are correct?

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

9) Which of the following features is **unique to Kilauea** compared to other volcanoes in the Hawaiian Islands?

- a) It is the only active volcano in Hawaii.
- b) It has the longest recorded history of eruptions in Hawaii.
- c) It is the tallest volcano in the Hawaiian Islands.
- d) It is the only submarine volcano in the Hawaiian chain.

10) Consider the following statements regarding India-Middle East-Europe Corridor (IMEEC)'s digital and logistics integration:

1. IMEEC aims to facilitate secure high-speed data connectivity between Asia, the Middle East, and Europe.
2. The corridor will establish a blockchain-based digital trade management system.
3. It integrates logistics management for seamless customs and trade processing.
4. The project includes the construction of a hyperloop transportation network.

How many of the above statements is/are correct?

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

**11)** Consider the following features of the new 'Tax Year' concept:

1. It replaces the assessment year system.
2. It aligns income taxation within the same financial year.
3. It increases the tax compliance burden on businesses.

Which of the statements is/are correct?

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

**12)** Which of the following is a feature of **Dokra Metal Craft**?

- a) It is based on iron and aluminum casting.
- b) It follows an industrial mass production method.
- c) The craft originated in medieval Europe.
- d) Each piece is unique as the mold is destroyed after use.

**13)** Consider the following statements about **Obscenity Laws in India**:

1. Section 67 of the IT Act permits obscene material for educational use.
2. The Hicklin Test is still the standard for obscenity.
3. Obscenity laws do not apply to online content.

How many of the above statements are correct?

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

**14)** Consider the following statements about the **Einstein Ring phenomenon**:

1. It is caused by the gravitational bending of light from a background object by an intervening massive object.
2. It requires precise alignment of the observer, the gravitational lens, and the background source.
3. The presence of dark matter has no influence on the formation of an Einstein Ring.

Which of the above statements is/are correct?

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

**15)** Regarding the **Tobin Tax**, consider the following statements:

1. It is primarily imposed on speculative stock trading to reduce market volatility.

2. It was originally proposed to stabilize foreign exchange markets after the collapse of the Bretton Woods system.
3. India has implemented a direct form of Tobin Tax on currency trading.

Which of the above statements is/are correct?

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

**16)** Consider the following statements about **Ongole breed cattle**:

1. They are native to Tamil Nadu and are mostly used for dairy farming.
2. They have low resistance to heat and disease, making them unsuitable for tropical climates.
3. They are not recognized outside India.

How many of the above statements is/are incorrect?

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

**17)** Consider the following statements regarding **Dokra metal craft**:

1. It is a form of iron-based metalwork.
2. The lost-wax technique used in Dokra is a modern innovation.
3. It is practiced in West Bengal, Odisha, and Chhattisgarh.

How many of the above statements is/are correct?

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

**18)** Which of the following **global and Indian legal frameworks** provide protection to **Olive Ridley turtles**?

1. Wildlife Protection Act, 1972
2. Convention on International Trade in Endangered Species (CITES)
3. United Nations Convention on the Law of the Sea (UNCLOS)
4. Ramsar Convention on Wetlands

How many of the above are correct?

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

**19)** Consider the following statements regarding **quantum teleportation and quantum computing**:

1. Quantum teleportation is essential for building a global quantum internet, enabling ultra-secure communication.
2. Unlike classical communication, quantum teleportation allows instantaneous information transfer, violating Einstein's theory of relativity.
3. Quantum teleportation can be used to transmit quantum information between quantum computers without data loss.

How many of the above statements are correct?

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

20) Which of the following best differentiates **India's repo rate** from the **U.S. Federal Funds Rate**?

- India's repo rate is controlled by commercial banks, while the U.S. Fed Funds Rate is set by the central bank.
- India's repo rate applies to short-term loans from the RBI to banks, whereas the Fed Funds Rate applies to overnight interbank lending in the U.S.
- Both rates serve the same purpose and have no structural differences.
- The repo rate in India is only applicable to government-owned banks, while the Fed Funds Rate applies to all banks.

21) Consider the following statements regarding **President's Rule in India**:

- It is imposed under **Article 356** when the President is satisfied that governance in a state cannot be carried out per constitutional provisions.
- It can be extended indefinitely beyond three years with the approval of Parliament.
- When President's Rule is in force, the **Governor assumes all executive powers**, and the **State Legislative Assembly is either dissolved or suspended**.
- The **Supreme Court has no power to review** the imposition of President's Rule as it is a matter of executive discretion.

How many of the above statements are correct?

- Only one
- Only two
- Only three
- All four

22) Consider the following statements regarding the **geography of the Baltic Sea**:

- The Baltic Sea is a **semi-enclosed marginal sea** of the Atlantic Ocean, located in Northern Europe.
- It is connected to the **North Sea** via the **Kiel Canal** and the **Danish Straits**.
- The Baltic Sea is the **saltiest sea in the world** due to minimal freshwater inflow.

How many of the above statements are correct?

- Only one
- Only two
- All three
- None

23) Consider the following statements regarding **elephant trumpeting**:

- Elephant trumpeting is produced by the **vocal cords in the larynx**, similar to human speech.
- Trumpeting serves multiple functions, including **alarm signals, social bonding, and excitement**.
- The frequency and duration of trumpeting are **identical across all elephant species**.

How many of the above statements are correct?

- Only one
- Only two
- All three
- None

24) Which of the following is the **primary objective** of the **Srjanam Rig**?

- To convert biomedical waste into biofuel for energy generation.
- To recycle all forms of hospital waste, including plastics and metals.
- To automate the transportation of biomedical waste from hospitals to disposal sites.
- To disinfect and neutralize biomedical waste in an eco-friendly manner without incineration.

25) Consider the following statements regarding the **National Commission for Safai Karamcharis (NCSK)**:

- The commission is under the administrative control of the **Ministry of Social Justice and Empowerment**.
- It has the authority to **impose fines and sanctions on local governments** for violations of manual scavenging laws.
- NCSK members are appointed by the President of India**.
- The commission **monitors compliance** with Supreme Court directives related to the welfare of sanitation workers.

How many of the above statements is/are correct?

- Only one
- Only two
- Only three
- All four

26) Consider the following features of the **Shakti microprocessor**:

- It is **open-source**, allowing customization for different applications.
- It is primarily intended for **high-performance gaming and graphics-intensive tasks**.
- The processor can be used in **AI, IoT, and aerospace applications**.

Which of the above statements is/are correct?

- 1 and 2 only
- 2 and 3 only
- 1 and 3 only
- 1, 2 and 3

27) Consider the following statements regarding the **impact of the Zamindari System in India**:

- It led to **increased agricultural productivity** due to the efficient revenue collection system.
- It resulted in **land alienation**, forcing many peasants into debt and bonded labor.
- It was abolished immediately after **India's independence without any legal challenges**.

How many of the above statements are correct?

- Only one
- Only two
- All three
- None

28) Match the following **gulfs of the Baltic Sea** with their locations:

GULF	LOCATION
<b>A. GULF OF BOTHNIA</b>	1. Between Sweden and Finland
<b>B. GULF OF FINLAND</b>	2. Near Estonia, Russia, and Finland
<b>C. GULF OF RIGA</b>	3. Along the coasts of Latvia and Estonia
<b>D. BAY OF GDAŃSK</b>	4. Located near Poland and Kaliningrad (Russia)

Select the correct match:

- A-4, B-1, C-2, D-3
- A-2, B-3, C-4, D-1



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

29) Match the following **Olive Ridley nesting sites** with their respective states:

NESTING SITE	STATE
A. GAHIRMATHA BEACH	1. Odisha
B. RUSHIKULYA ROOKERY	2. Odisha
C. VELAS BEACH	3. Maharashtra
D. CHANDIPUR BEACH	4. West Bengal

Select the correct match:

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

30) Consider the following statements:

**Statement-I:** The **repo rate directly determines the interest rates** on home loans, vehicle loans, and other commercial lending.

**Statement-II:** A **reduction in the repo rate always leads to an immediate and equal reduction in commercial lending rates.**

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, but 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.

31) Which of the following best describes why **Lymphatic Filariasis (LF)** is difficult to eliminate?

- a) The parasites that cause LF can survive in the human body for years, making treatment ineffective.  
b) LF is transmitted through multiple mosquito species, complicating vector control strategies.  
c) The disease spreads rapidly through direct human-to-human transmission.  
d) The current medications used in Mass Drug Administration (MDA) campaigns have severe side effects, limiting their use.

32) What is the primary objective of the **Defence Partnership-India (DP-I) agreement** between India and the UK?

- a) To develop a joint AI-based cyber defence program  
b) To establish a dedicated UK-India defence supply chain  
c) To merge the UK's Royal Air Force with the Indian Air Force for joint military operations  
d) To collaborate on the development of next-generation weapons and military technologies

33) Consider the following statements regarding the **Market Intervention Scheme (MIS)**:

- MIS applies to **perishable crops** that do not fall under the **Minimum Support Price (MSP) regime**.
- The revised guidelines now allow procurement by **Farmer Producer Organizations (FPOs)** and **Farmer Producer Companies (FPCs)**.
- Under the new guidelines, all states are required to **implement MIS without seeking prior approval** from the central government.

How many of the above statements is/are correct?

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

34) Why is the **Bombay Blood Group (hh phenotype)** considered unique in transfusion medicine?

- a) Individuals with this blood type can donate blood to any ABO group.  
b) It was first discovered in South Africa but is most prevalent in Europe.  
c) Individuals with this blood type cannot receive blood from any ABO or O-negative donors.  
d) It is a recently discovered blood group with a global prevalence of more than 5%.

35) Consider the following statements about the **Morand-Ganjal Irrigation Project**:

- The project involves **inter-state water sharing agreements** between **Madhya Pradesh and Maharashtra**.
- The **Morand River originates in Chhattisgarh** and flows into the **Narmada River**.
- The project is expected to impact **key wildlife corridors** in central India.

Which of the above statements is correct?

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

36) Consider the following statements regarding the **Paris AI Summit**:

- The summit was **initiated by the United Nations** to establish a global AI oversight authority.
- It mandates all participants to adopt a **unified AI regulatory framework**.
- The summit **excludes private AI firms**, focusing only on government-level discussions.

How many of the above statements is/are correct?

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

37) Consider the following statements regarding **bacterial plastic degradation mechanisms**:

- Oxidation and hydrolysis reactions** break down polymer chains into smaller molecules.
- The breakdown of plastics **always results in complete mineralization** into CO<sub>2</sub> and water.
- The rate of plastic degradation depends on **environmental factors** such as temperature and UV exposure.

How many of the above statements is/are correct?

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

38) Match the following **election-related articles** with their provisions:

ARTICLE	PROVISION
1. ARTICLE 324	a. Reservation of seats in Lok Sabha for SC/ST
2. ARTICLE 326	b. Superintendence of elections by ECI

3. **ARTICLE 330** | c. Voting rights based on adult suffrage  
 4. **ARTICLE 356** | d. President's rule in a state

Select the correct answer:

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

39) Consider the following statements regarding **Lymphatic Filariasis (LF)**:

1. LF is included in the **World Health Organization's (WHO) list of Neglected Tropical Diseases (NTDs)**.
2. India's elimination strategy includes a **Triple Drug Therapy** to accelerate progress.
3. LF is caused by a **protozoan parasite** that infects the human lymphatic system.

Which of the above statements are correct?

- a) 1 and 2  
 b) 1 and 3  
 c) 2 and 3  
 d) All of the above

40) Consider the following statements regarding **Bombay Blood Group**.

**Statement-I:** The **Bombay Blood Group** is extremely rare, with a global occurrence of approximately **1 in a million individuals**.

**Statement-II:** The low prevalence of the **Bombay phenotype** is due to its **inheritance pattern**, which requires **both parents to be carriers of the recessive hh gene**.

Which one of the following is correct?

- 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.

41) Consider the following statements regarding the **BIMSTEC Youth Summit 2025**:

1. The first-ever **BIMSTEC Youth Summit** is being hosted in **Kathmandu, Nepal**.
2. The Summit aims to **foster intra-BIMSTEC exchange among young leaders**.
3. The **Ministry of Youth Affairs & Sports** and the **Ministry of External Affairs** are jointly organizing the event.

How many of the above statements is/are correct?

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

42) Which of the following best describes the **political status of the Cook Islands**?

- a) It is an independent country and a full member of the United Nations.  
 b) It is a dependent territory of New Zealand with no self-governance.

- c) It is a self-governing territory in free association with New Zealand.  
 d) It is an overseas department of Australia with limited autonomy.

43) Why has **Gandhi Sagar Wildlife Sanctuary** been selected as the **second cheetah habitat in India**?

- a) It has a natural savanna ecosystem with an abundant prey base similar to African cheetah habitats.  
 b) It was historically home to cheetahs before their extinction in India.  
 c) It has a relatively low population of competing predators like leopards.  
 d) All of the above.

44) Consider the following statements regarding the **Chandrayaan-3 landing site study**:

1. The study suggests that the region around the landing site was **formed due to volcanic activity**.
2. The landing site is located in a **geologically diverse area surrounded by impact craters**.
3. The presence of **hydrated minerals near the landing site confirms the past existence of liquid water** on the Moon.

How many of the above statements is/are correct?

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

45) Consider the following statements about the **SRY gene**:

1. **SRY is essential for sperm production** in adult males.
2. The **SRY gene determines whether an embryo will develop external male genitalia**.
3. Loss of the **SRY gene results in Turner Syndrome**.

How many of the above statements is/are correct?

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

46) Under **Article 239AA** of the Indian Constitution, which of the following statements is correct?

- a) Delhi's Legislative Assembly has exclusive power to legislate on all State List subjects.  
 b) The Lieutenant Governor (LG) is bound by the aid and advice of the Council of Ministers in all matters.  
 c) Delhi's administration is governed by a special provision inserted through the 69th Constitutional Amendment.  
 d) The Supreme Court has ruled that Delhi is a full-fledged state with legislative autonomy.

47) Which of the following correctly describes **quantum teleportation**?

- a) It involves the transfer of quantum states between particles using quantum entanglement.  
 b) It enables physical matter to be instantaneously transmitted from one place to another.  
 c) It requires an external energy source to convert classical data into quantum data before teleportation.  
 d) It is possible only at absolute zero temperature where quantum coherence is preserved.

48) Which of the following best describes the **primary objective of TROPIC-25**?

- a) To test India's submarine warfare capabilities in the Indo-Pacific region.
- b) To integrate all three branches of the Indian military in a real-time conflict simulation.
- c) To conduct live missile launches for evaluating India's sea-based nuclear deterrence.
- d) To assess the effectiveness of India's Anti-Piracy Operations in the Gulf of Aden.

49) Which of the following statements correctly describes the **nesting behavior of Olive Ridley turtles**?

- a) They exhibit solitary nesting behavior, unlike other sea turtles.
- b) Their mass nesting phenomenon, known as Arribada, occurs only in the Indian Ocean.
- c) The same female turtles return to the same beach where they

hatched for nesting.

- d) Olive Ridley turtles lay eggs once every year without any exceptions.

50) Which of the following correctly describes the **purpose of the 'bank.in' domain initiative** introduced by the **Reserve Bank of India (RBI)**?

- a) It aims to establish a centralized digital banking system in India, replacing individual bank domains.
- b) It ensures that all registered banks in India operate under a secure and verified domain to prevent phishing and fraud.
- c) It mandates banks to transition to blockchain-based security for all online transactions.
- d) It allows non-banking financial companies (NBFCs) and fintech firms to register under the domain for better regulatory oversight.

