

# WEEKLY QUIZ

**DATE : 30<sup>th</sup> Oct- 6<sup>th</sup> Sept**

- 1) Which of the following is NOT a power of the Commission for Air Quality Management (CAQM)?
- Restrict activities impacting air quality
  - Conduct research on pollution
  - Penalize individuals for violating air quality standards
  - Issue binding directions to authorities
- 2) Which of the following is the key objective of the 'Paryatan Mitra & Paryatan Didi' initiative launched in 2024?
- To empower locals as tourism ambassadors
  - To increase foreign tourist arrivals
  - To create infrastructure for tourist attractions
  - To reduce the environmental impact of tourism
- 3) Consider the following statements about the features of Vizhinjam International Seaport:
- It is poised to become India's first fully automated port.
  - The port is designed to be multi-purpose and all-weather.
  - It is located far from major shipping routes, making it primarily a regional port.
- How many of the above statements is/are correct?
- Only one
  - Only two
  - All three
  - None
- 4) Which organization publishes the Global Innovation Index (GII)?
- World Economic Forum
  - International Monetary Fund
  - World Intellectual Property Organisation (WIPO)
  - United Nations Development Programme (UNDP)
- 5) Consider the following statements regarding the significance of the PLI scheme for textiles:
- It aims to reduce India's reliance on textile imports.
  - The scheme provides tax benefits based on incremental sales of domestically manufactured goods.
  - The PLI scheme aims to make India a global manufacturing hub by focusing on high-growth sectors.
- Which of the above statements is/are correct?
- 1 and 3 only
  - 1 and 2 only
  - 2 and 3 only
  - All of the above

6) Consider the following statements regarding the T+0 settlement cycle:

1. It requires that both funds and securities be exchanged on the same day.
2. It allows retail investors quicker access to securities.
3. It has already been fully implemented in India.

Which of the above statements is/are correct?

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

7) Consider the following statements about the jurisdiction of CAQM:

1. It has jurisdiction over Delhi-NCR, Punjab, Haryana, Rajasthan, and Uttar Pradesh.
2. CAQM's directives are legally binding on all individuals and organizations.
3. It has the authority to regulate vehicular emissions.
4. It has powers to revoke licenses of polluting industries.

Which of the above statements is/are correct?

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

8) Consider the following statements about the T+1 settlement cycle:

1. T+1 settlement refers to trades being settled one business day after the transaction.
2. It was introduced in 2021 and has been implemented in phases.

3. The T+1 settlement cycle has no impact on reducing the error rates in settlements.

How many of the above statements is/are correct?

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

9) India holds the top position globally in which of the following categories in the Global Innovation Index 2024?

- a) Unicorn companies
- b) R&D spending
- c) Venture capital received
- d) ICT services exports

10) The Federal Reserve's primary goals include which of the following?

1. Maximum employment
2. Stable prices
3. High short-term interest rates

Select the correct answer code:

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

11) Which of the following Articles of the Indian Constitution mandates the State to ensure that children are not abused and are provided opportunities for healthy development?

- a) Article 21
- b) Article 15(3)
- c) Article 39(e) and (f)
- d) Article 47

**12)** Match the following monuments in the Mehrauli Archaeological Park with their features:

Monument	Feature
A. Tomb of Balban	1. Reflects the transition from Lodi to Mughal architectural elements
B. Jamali Kamali Mosque	2. India's first true arch and dome
C. Rajon Ki Baoli	3. A stepwell reflecting the importance of water management
D. Gandhak ki Baoli	4. A Mughal-era structure showcasing advanced design

Select the correct option:

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

**13)** Consider the following statements about the NAMASTE Programme:

- It was launched by the Ministry of Social Justice and Empowerment.
- It aims to empower sanitation workers by turning them into "sanipreneurs."
- It focuses on eliminating manual hazardous cleaning practices.

How many of the above statements is/are incorrect?

- Only one
- Only two
- All three
- None

**14)** Consider the following statements regarding child protection provisions in the Indian Constitution:

- Article 15(3) allows for special provisions for children and women.
- Article 21 includes the right to protection from exploitation for all citizens.
- Article 47 explicitly focuses on the health and welfare of children.

Which of the statements given above is/are correct?

- 1 only
- 1 and 2 only
- 2 and 3 only
- All of the above

**15)** Consider the following statements regarding the Nipah virus:

- Nipah is a zoonotic virus transmitted from fruit bats to humans.
- The virus can cause severe neurological symptoms, including encephalitis.
- Human-to-human transmission is possible.
- A vaccine has been developed and is widely used.

Which of the statements given above is/are correct?

- 1, 2, and 3 only
- 1 and 4 only
- 2 and 3 only
- All of the above

**16)** What was the primary issue with the Pusa-44 rice variety that contributed to environmental concerns in Northern India?

- Low yield
- Pest susceptibility
- High water requirement

d) Long maturation time

**17)** Consider the following statements about Mehrauli Archaeological Park:

1. It contains over 100 historically significant monuments.
2. It is located adjacent to the Qutb complex in Delhi.
3. The park includes British-era structures.
4. It is recognised as a UNESCO World Heritage Site.

How many of the above statements is/are correct?

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

**18)** What is the primary aim of the PLI scheme for the textile sector in India?

- a) To reduce dependency on cotton
- b) To increase exports to \$100 billion by 2030
- c) To promote handloom production
- d) To provide subsidies for importing raw materials

**19)** Consider the following statements about the LUX-ZEPLIN (LZ) experiment:

1. It is an experiment designed to detect dark matter.
2. Neutrino fog refers to interference caused by neutrinos in detecting dark matter.
3. The LZ experiment is based in India.

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 best describes a Pillbox structure?

- a) A fortification used during World War I
- b) A naval warfare bunker
- c) A type of air-raid shelter
- d) A small, concrete defense structure used during World War II

**21)** The Index of Eight Core Industries (ICI) is a significant economic indicator for India. Consider the following statements:

1. The ICI covers 40% of the weight in the Index of Industrial Production (IIP).
2. It is released by the Reserve Bank of India.
3. The base year for the ICI is 2011-12.

Which of the statements given above is/are incorrect?

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

**22)** Regarding thermobaric weapons, consider the following statements:

1. They use the atmosphere's oxygen to fuel the explosion, creating a powerful blast.
2. These weapons are specifically banned under the Hague Conventions.
3. They are most effective in open fields with large target areas.

How many of the above statements is/are correct?

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



**23)** Regarding the Marburg Virus Disease (MVD), which of the following statements is correct?

- a) It was first discovered in the Marburg region of Uganda.
- b) It is caused by a DNA virus transmitted through water.
- c) The African fruit bat is believed to be the natural reservoir for the virus.
- d) It has an effective treatment and vaccine available for prevention.

**24)** Consider the following statements about the Bagmati River:

- 1. It originates in the Shivapuri Hills of Nepal.
- 2. It flows through the Indian states of Bihar and Uttar Pradesh.
- 3. The river has cultural significance and is home to the Pashupatinath Temple.

Which of the statements given above is/are correct?

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

**25)** Regarding the Marburg Virus Disease (MVD), consider the following statements:

- 1. It is caused by a zoonotic RNA virus from the Filoviridae family, similar to the Ebola virus.
- 2. Human-to-human transmission occurs only through respiratory droplets.
- 3. The case fatality rate of the disease can vary between 24% to 88%.

How many of the above statements is/are correct?

- a) Only one

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

**26)** Which of the following best describes the Canary Islands?

- a) They are an archipelago located in the Mediterranean Sea, controlled by Spain.
- b) The islands experience extreme seasonal temperature variations.
- c) They are a volcanic archipelago located in the Atlantic Ocean, part of Spain.
- d) The Canary Islands are located off the coast of Portugal.

**27)** Consider the following statements about Operation Northern Arrows initiated by the Israel Defense Forces (IDF):

- 1. The operation targeted Hezbollah's military infrastructure in southern Lebanon.
- 2. It aimed to neutralize Hezbollah threats along the Israel-Jordan border.
- 3. The operation included localized raids supported by air cover and artillery.

Which of the statements given above is/are correct?

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

**28)** Consider the following statements regarding thermobaric weapons:

- 1. They cause a two-stage explosion: first dispersing fuel, then igniting it.
- 2. Thermobaric weapons are designed to specifically target civilians.

3. These weapons cause damage primarily through pressure changes.

Which of the above statements is/are correct?

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

**29)** Match the core industry with its corresponding contribution to the Index of Eight Core Industries (ICI):

A. Coal	1) 2.63% weight in ICI
B. Electricity	2) 28.04% weight in ICI
C. Petroleum and Refinery Products	3) 19.85% weight in ICI
D. Fertilizers	4) 10.33% weight in ICI

Select the correct answer code:

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

**30)** Consider the following statements about El Hierro Island:

1. It is the largest of the Canary Islands.
2. It has volcanic landscapes and a subtropical climate.
3. It is located very close to the coast of Africa.

How many of the above statements is/are correct?

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

**31)** Which of the following statements about swallowtail butterflies is correct?

- a) All species of swallowtail butterflies are listed as endangered by the IUCN.
- b) Overexploitation of citrus plants in Assam is endangering swallowtail butterflies.
- c) Swallowtail butterflies are primarily found in Europe.
- d) Illegal tree felling has no impact on swallowtail butterfly habitats.

**32)** Which of the following techniques will be employed by the Venus Orbiter Mission to achieve a low-altitude science orbit?

- a) Gravity assist
- b) Solar sailing
- c) Aerobraking
- d) Nuclear propulsion

**33)** Regarding the Bharat-Gen initiative, consider the following statements:

1. It is a government-funded initiative aimed at developing AI models.
2. Bharat-Gen primarily focuses on AI models for Indian languages and cultural contexts.
3. The initiative is led by IIT Madras under the National Mission on Cyber-Physical Systems.

How many of the above statements is/are correct?

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

**34)** Isostatic rebound is most commonly associated with which of the following phenomena?

- a) River formation

- b) Volcanic eruptions
- c) Tsunami formation
- d) Melting of glaciers

**35)** Which of the following features is true of India's Venus Orbiter Mission (VOM)?

- a) The mission will use a Launch Vehicle Mark-3 (LVM-3).
- b) The mission will focus primarily on detecting water on Venus.
- c) It will use a high-altitude orbit to study Venus' surface and atmosphere.
- d) It will carry a single payload, fully developed by international collaborators.

**36)** What is the primary goal of the Cruise Bharat Mission by 2029?

- a) Increase cruise passenger traffic to 5 million
- b) Increase cruise passenger traffic to 1 million and create 1 million jobs
- c) Establish 50 new international cruise terminals
- d) Boost employment and maritime trade

**37)** Which of the following statements regarding future Venus missions is correct?

- a) NASA's VERITAS mission is focused on studying Venus' atmosphere.
- b) DAVINCI is a NASA mission that will map Venus' geology.
- c) ESA's EnVision mission will use radar imaging to map Venus' surface.
- d) JAXA's Akatsuki mission is scheduled for launch in 2030.

**38)** Consider the following statements regarding the recent study on Mount Everest's growth:

1. The height increase of Mount Everest is primarily due to tectonic plate collisions.
2. The erosion caused by the Arun River contributes to the upward push of Mount Everest.
3. The phenomenon of isostatic rebound plays a key role in the growth of Mount Everest.

How many of the above statements is/are correct?

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

**39)** Consider the following statements about the Arun River:

1. The Arun River originates from the Tibet Autonomous Region of China.
2. The Arun River directly flows into India before joining the Ganges.
3. The Arun River contributes to the Ganges Basin through its tributaries.

Which of the above statements is/are correct?

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

**40)** Regarding the features of the Cruise Bharat Mission, consider the following statements:

1. The mission emphasizes both decarbonization and digitalization of cruise infrastructure.
2. The mission will establish a National Cruise Tourism Policy.

3. Cruise Bharat aims to promote domestic tourism only, with no plans for international promotion.

How many of the above statements is/are incorrect?

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

**41)** Which of the following statements about the PM E-DRIVE scheme is/are correct?

- 1. The scheme replaces the Faster Adoption and Manufacturing of Electric Vehicles in India Phase II (FAME India Phase II).
- 2. The scheme aims to provide subsidies for electric two-wheelers, three-wheelers, e-ambulances, and e-trucks.
- 3. The scheme offers 100% incentives for setting up EV charging stations in rural areas.

How many of the above statements is/are correct?

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

**42)** Vuhledar, recently in news is strategically significant because:

- a) It is the capital city of Ukraine
- b) It is located on an elevated plain, giving it a military advantage
- c) It has the largest port in Eastern Ukraine
- d) It is a major center for wheat production

**43)** Consider the following statements regarding the Insolvency and Bankruptcy Board of India (IBBI):

1. IBBI has the authority to regulate insolvency professionals, insolvency professional agencies, and entities related to bankruptcy.

2. The tenure of the Chairperson of IBBI is limited to three years or until the age of 60, whichever is earlier.

3. IBBI has powers to enforce regulations related to both corporate and individual insolvency cases.

Which of the above statements is/are correct?

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

**44)** Consider the following statements about the outcomes of the World Green Economy Forum 2024:

- 1. The forum proposed reducing the production of Sustainable Aviation Fuel (SAF) due to technological challenges.
- 2. The forum rejected the idea of philanthropy playing a role in climate solutions, focusing only on government-led initiatives.
- 3. The forum prioritized short-term goals over long-term climate actions.

Which of the above statements is/are correct?

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

**45)** Little Prespa Lake is primarily located on the border between which two countries?

- a) Greece and North Macedonia
- b) Albania and Greece
- c) Serbia and Montenegro



d) Bulgaria and Greece

**46)** Which of the following ministries is not represented in the composition of the Insolvency and Bankruptcy Board of India (IBBI)?

- a) Ministry of Commerce and Industry
- b) Ministry of Corporate Affairs
- c) Ministry of Law
- d) Ministry of Finance

**47)** Consider the following statements regarding the criteria for Classical Language Status in India?

1. The language must have a documented history of at least 1,500–2,000 years.
2. The language must have an original literary tradition distinct from borrowed influences.
3. The Classical Language status can only be granted to languages spoken by a majority population in India.

How many of the above statements is/are correct?

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

**48)** Consider the following statements about the PM Internship Scheme:

1. The scheme aims to provide 1 crore youth with work experience over five years.
2. It offers internships in sectors like agriculture, pharmaceuticals, and automobiles.
3. The stipend is entirely funded by the companies offering the internships.

Which of the above statements is/are correct?

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

**49)** Which of the following statements is/are correct about the functions of United States Commission on International Religious Freedom (USCIRF)?

1. USCIRF reviews global religious freedom violations and provides recommendations.
2. USCIRF has enforcement powers to impose sanctions on countries violating religious freedom.
3. The policy recommendations of USCIRF are mandatory for the U.S. government to implement.

Select the correct answer code:

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

**50)** Which of the following is NOT a goal of the National Mission on Edible Oils – Oilseeds (NMEO-Oilseeds)?

- a) Increase domestic oilseed production to 69.7 million tonnes by 2030-31.
- b) Reduce dependence on edible oil imports by promoting domestic production.
- c) Promote intercropping practices with oilseeds on non-fallow lands only.
- d) Enhance post-harvest infrastructure for extracting oil from sources like cottonseed and rice bran.