

WEEKLY QUIZ

DATE : 23rd Dec –29th Dec

1) Consider the following statements about the Rooppur Nuclear Power Plant:

1. It is Bangladesh's first nuclear power plant.
2. It is constructed by Rosatom, Russia's state nuclear corporation.
3. It is located on the banks of the Jamuna River.

How many of the above statements is/are correct?

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

2) What does an increase in the Real Effective Exchange Rate (REER) indicate for a country's economy?

- a) Increased trade competitiveness of exports
- b) Depreciation of the currency value
- c) Overvaluation of the currency, making exports costlier
- d) No impact on trade competitiveness

3) Which of the following is the primary purpose of the Free Movement Regime (FMR) between India and Myanmar?

- a) Promoting tourism between the two nations
- b) Allowing unrestricted trade across the border
- c) Facilitating movement for familial, cultural, and economic purposes
- d) Strengthening military cooperation along the border

4) Consider the following statements regarding Pandit Madan Mohan Malaviya:

1. He presided over the Lahore Session of the INC in 1931.
2. He coined the slogan "Inquilab Zindabad" during the Civil Disobedience Movement.
3. He opposed the Non-Cooperation Movement led by Mahatma Gandhi.

Which of the above statements is/are correct?

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

5) Consider the following statements:

1. Statement-I: A decrease in Real Effective Exchange Rate (REER) improves export competitiveness.
2. Statement-II: Decrease in Real Effective Exchange Rate (REER) reflects currency undervaluation.

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

6) Consider the following statements about the Employees' Pension Scheme (1995):

1. It provides a lump sum benefit at retirement.
2. It offers monthly pensions to survivors in case of an employee's death.
3. It is managed by the EPFO under the Ministry of Finance.

How many of the above statements is/are correct?

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

7) Consider the following statements about Pandit Madan Mohan Malaviya's social and political advocacy:

1. He advocated for the abolition of indentured labour in the colonies.
2. He opposed free and compulsory education reforms in the Imperial Legislative Council.
3. He supported imposing taxes on religious pilgrimages to raise government revenue.

How many of the above statements is/are correct?

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

8) Consider the following statements regarding Public Examinations (Prevention of Unfair Means) Act, 2024:

1. Statement-I: The Act applies to both national-level exams like NEET and state-level competitive exams.
2. Statement-II: It empowers examination authorities to penalize service providers for paper leaks and technical failures.

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

9) Consider the following statements regarding the Uniform Civil Code (UCC):

1. UCC aims to replace personal laws of all religions with a uniform set of civil laws.
2. Article 44 guarantees the implementation of UCC as a Fundamental Right.
3. UCC aims to promote national integration and social harmony by reducing religious disparities.

Which of the above statements are correct?

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

10) Which of the following factors directly influence Real Effective Exchange Rate (REER) calculations?

1. Trade weights of trading partners
2. Nominal bilateral exchange rates
3. Inflation differentials between countries
4. Capital flows

Select the correct answer using the code below:

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

11) What is one significant limitation of current quantum computers?

- a) Inability to process parallel tasks
- b) Limited reliance on environmental conditions
- c) Complete absence of commercial applications
- d) High error rates due to decoherence

12) Consider the following statements about the Lion-Tailed Macaque:

1. It is protected under Appendix II of CITES.
2. The Lion-Tailed Macaque is an arboreal species found in the rainforests of the Western Ghats.
3. Its population is thriving due to effective conservation measures.

How many of the above statements is/are correct?

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

13) Which wildlife area will be significantly affected by the construction of the Daudhan Dam under the Ken-Betwa Link Project?

- a) Nauradehi Wildlife Sanctuary
- b) Panna Tiger Reserve
- c) Satpura National Park
- d) Chambal Wildlife Sanctuary

14) Consider the following statements about mammoths, recently in news:

1. Mammoths were adapted to cold climates due to their long limbs and large ears.
2. The woolly mammoth is genetically closer to Asian elephants than African elephants.
3. Mammoths are classified as Extinct under the IUCN Red List.

Which of the above statements are correct?

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

15) Consider the following statements about the significance of Kamarajar Port:

1. It is incorporated under the Sagarmala Programme.
2. It contributes to industrialization along the Coromandel Coast.
3. It primarily handles passenger ferries between Chennai and Kolkata.

Which of the above statements are correct?

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

16) Kilauea Volcano, one of the world's most active volcanoes, began erupting again in December 2024. Kilauea is part of which geological formation?

- a) Mid-Atlantic Ridge
- b) Andes volcanic belt
- c) Hawaiian-Emperor seamount chain
- d) East African Rift

17) What was the primary purpose of the Mansabdari system introduced by Akbar?

- a) To centralize revenue collection from agricultural lands
- b) To construct architectural marvels like Fatehpur Sikri
- c) To categorize agricultural lands based on fertility
- d) To ensure military and administrative accountability among nobles

18) Consider the following statements about India's climate action schemes:

1. The National Action Plan on Climate Change (NAPCC) includes missions targeting renewable energy, energy efficiency, and water conservation.
2. The FAME scheme supports the adoption of electric vehicles to reduce fossil fuel dependence.
3. The PAT Scheme aims to promote hydrogen-based clean energy.

Which of the above statements are correct?

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

19) Consider the following statements about the functionality of quantum computers:

1. Qubits can hold values of 0, 1, or both simultaneously, thanks to superposition.
2. Quantum gates perform logical operations similar to classical gates.
3. Quantum computers can completely replace classical computers for all tasks.

Which of the above statements are correct?

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

20) Consider the following statements about Akbar's administrative system:

1. Subhas, Sarkars, and Paraganas formed the administrative hierarchy.
2. Diwan-i-Arz was responsible for military affairs.
3. Fatehpur Sikri was constructed entirely in the Indo-Gothic architectural style.

How many of the above statements is/are correct?

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

21) Consider the following statements about critical minerals:

1. Critical minerals are essential for the production of semiconductors and EVs.
2. The concentration of critical minerals' extraction in a few regions poses supply chain risks.
3. Achieving global Net Zero commitments is heavily reliant on critical minerals.
4. The absence of critical minerals can disrupt the transition to a low-carbon economy.

How many of the above statements is/are correct?

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

22) Consider the following statements about the National Human Rights Commission (NHRC):

1. It was established as an autonomous constitutional body.
2. It reviews only domestic laws related to human rights and has no role in international treaties.
3. The Chairperson must have served as a Chief Justice of India or a Supreme Court judge.

Which of the above statements is correct?

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

23) Cephalopods, like octopuses and squids, are gaining attention for their intelligence, prompting calls for humane treatment regulations akin to those for vertebrates. Which of the following is a unique feature of cephalopods?

- a) Cold-blooded with W-shaped pupils for enhanced vision
- b) Warm-blooded and capable of photosynthesis
- c) External skeleton with a simple nervous system
- d) Warm-blooded with poor visual capabilities

24) Google DeepMind recently unveiled GenCast. What is the primary advantage of GenCast over Numerical Weather Prediction (NWP) models?

- a) Higher computational resource requirements
- b) Deterministic forecasting of long-term weather
- c) Probabilistic forecasting with better prediction of extreme weather events
- d) Lower accuracy in forecasting tropical cyclones

25) Which of the following statements is correct regarding the recent amendment to the Right to Education Act, 2009?

- a) The no-detention policy has been completely abolished for all schools in India.
- b) The policy allows detention in Classes 6 and 7 in specific cases.
- c) States have the discretion to hold back students in Classes 5 and 8 based on academic performance.
- d) Students in all Kendriya Vidyalayas and Jawahar Navodaya Vidyalayas cannot be detained under any circumstances.

26) What is the primary objective of the SpaDeX mission?

- a) Establish communication with deep space missions
- b) Launch a new satellite constellation
- c) Test reusable launch vehicle technology
- d) Demonstrate in-space docking of two spacecraft

27) Which treaty led to the transfer of the Panama Canal's control from the U.S. to Panama?

- a) Hay-Bunau-Varilla Treaty
- b) Treaty of Paris
- c) Torrijos-Carter Treaty
- d) Treaty of Tordesillas

28) Which of the following countries is a major supplier of multiple critical minerals, including cobalt, germanium, and strontium?

- a) Australia
- b) China
- c) South Africa
- d) Russia

29) The Cirus reactor, operational since 1960, was pivotal in India's nuclear program, driving scientific innovation and enabling the 1974 "Smiling Buddha" nuclear test. Which of the following was a significant use of the Cirus reactor?

- a) Development of India's fast breeder reactor program
- b) Production of isotopes for medicine, agriculture, and industry
- c) Development of thorium-based reactors
- d) Production of plutonium for space missions

30) Consider the following statements about India's initiatives for critical minerals:

1. KABIL is a joint venture formed to secure domestic critical mineral reserves.
2. Geological Survey of India (GSI) promotes domestic exploration and research on critical minerals.
3. India is part of the Critical Raw Materials Club, a global initiative.

Which of the above statements are correct?

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

31) What happens if an eavesdropper intercepts a quantum key during transmission?

- a) The communication speed slows down
- b) The quantum state remains unaffected
- c) The quantum state alters, alerting the sender and receiver
- d) The encryption becomes stronger

32) Consider the following statements about the United Nations Internal Justice Council (IJC):

1. It operates under the International Court of Justice (ICJ).
2. It recommends candidates for the UN Dispute Tribunal (UNDT) and the UN Appeals Tribunal (UNAT).

3. It monitors the independence and accountability of internal justice mechanisms.

How many of the above statements is/are correct?

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

33) Which of the following is the primary purpose of the Starlink Satellite System?

- a) To enable satellite-based navigation services globally
- b) To monitor space debris in low Earth orbit
- c) To provide high-speed internet access globally, especially in remote areas
- d) To facilitate interplanetary communication

34) Which of the following is a limitation of traditional radio wave-based speed guns?

- a) Beam divergence leads to measuring multiple objects simultaneously
- b) Inability to measure speed accurately due to Doppler shifts
- c) Excessive dependency on weather conditions
- d) Requirement for physical contact with the object

35) What is the primary cause of the Doppler Effect?

- a) Changes in wave amplitude due to medium resistance
- b) Reflection of waves from stationary surfaces
- c) Variation in wave intensity due to distance
- d) Relative motion between the source and the observer

36) Consider the following statements:

1. Bio-bitumen is derived from renewable sources like crop stubble and lignin.
2. Bio-bitumen production reduces dependency on fossil fuels and lowers carbon emissions.

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

37) Consider the following statements regarding Conduct of Election Rules:

1. The Conduct of Election Rules, 1961 mandates complete public access to all election-related records.
2. The rules ensure confidentiality of voter identities during elections.

Which of the above statements is/are correct?

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

38) Consider the following statements regarding quantum satellites:

1. They use photons to encode and transmit information.
2. Quantum satellites work exclusively within Earth's atmosphere.
3. Quantum Entanglement ensures that tampering with data is instantly detected.

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

39) Consider the following statements regarding the advantages of quantum satellites:

1. They offer enhanced security by being virtually immune to hacking.
2. Quantum satellites can replace classical cryptographic systems completely.
3. They have strategic applications in defence, banking, and government communication.

Which of the above statements are correct?

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

40) Consider the following statements regarding Characteristics of Bio-Bitumen:

1. Bio-bitumen cannot replace petroleum bitumen in road construction.
2. Bio-bitumen is not suitable for industrial applications like waterproofing.
3. Bio-bitumen does not support sustainability as it relies on synthetic materials.

How many of the above statements is/are correct?

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

41) Consider the following statements about the SMILE Program:

1. It is a policy-based loan program funded by the World Bank.
2. It aims to promote low-emission logistics systems.
3. The Department for Promotion of Industry and Internal Trade (DPIIT) implements it.

Which of the above statements is/are correct?

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

42) What is the primary purpose of undersea fiber-optic cables like India Asia Xpress (IAX) and India Europe Xpress (IEX)?

- a) Transmitting satellite signals
- b) Supporting undersea military communication
- c) Enhancing global data transmission at high speeds
- d) Monitoring oceanographic changes

43) Consider the following statements about the focus areas of the Nexus Report:

1. It solely examines the economic implications of biodiversity loss.
2. The report highlights interdependencies between food, water, and health systems.
3. It proposes a new international agreement on biodiversity conservation.

Which of the statements is/are correct?

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

44) Which of the following migratory birds is commonly found in Bordoibam-Bilmukh Bird Sanctuary?

- a) Spot-billed Pelican
- b) Great Indian Bustard
- c) Sarus Crane
- d) Snow Goose

45) Consider the following statements about the biodiversity and significance of the Caucasus Mountains:

1. They are home to several endemic plant and animal species.
2. The region is unsuitable for tourism due to harsh winters.
3. It is a major center for winter sports activities.
4. The mountains serve as a natural boundary between Europe and Asia.

Which of the statements is/are correct?

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

46) Consider the following statements about the role of Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES):

1. IPBES drafts legally binding agreements for biodiversity management.
2. It bridges the gap between science and policy for biodiversity conservation.
3. IPBES provides funds for developing countries to implement conservation programs.

Which of the statements is/are correct?

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

47) Which of the following is true regarding Protected Area Permit (PAP) in India?

- a) It is required by both Indian and foreign nationals to visit protected areas.
- b) PAP areas are declared exclusively by state governments under the Foreigners (Protected Areas) Order, 1958.
- c) PAP is mandatory for visiting all parts of Jammu & Kashmir.
- d) None of the above.

48) Which of the following countries does NOT share a border with Georgia?

- a) Russia
- b) Armenia
- c) Ukraine
- d) Turkey

49) What makes the Northern Giant Hornet (Murder Hornet) particularly dangerous to honeybee populations?

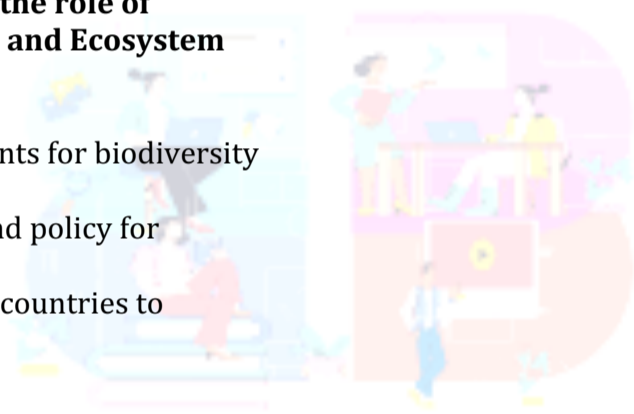
- a) It releases a toxin that kills bees upon contact.
- b) It introduces fungal infections to honeybee colonies.
- c) It lays eggs inside honeybees, leading to hive collapse.
- d) It decapitates honeybees to feed its larvae and destroys entire hives.

50) Consider the following statements regarding Kuwait's location and geography:

1. Statement-I: Kuwait is located at the northern tip of the Arabian Peninsula.
2. Statement-II: Kuwait Bay is a prominent natural harbour in the country.

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



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