

WEEKLY QUIZ

DATE : (3rd Nov- 9th Nov)

- 1) Under the Representation of the People Act, 1951, what is the minimum number of proposers required for an independent candidate to file nomination papers for elections?
- Five proposers
 - One proposer
 - Fifteen proposers
 - Ten proposers
- 2) Which ministry is responsible for implementing the Promotion of Research and Innovation in Pharma & MedTech (PRIP) Scheme?
- Ministry of Health and Family Welfare
 - Ministry of Commerce and Industry
 - Ministry of Chemicals and Fertilizers
 - Ministry of Science and Technology
- 3) Consider the following statements regarding the nomination process under the Representation of the People Act, 1951:
- Section 34 requires candidates to submit a security deposit, which is forfeited if the candidate fails to secure at least one-sixth of the total valid votes.
 - Section 33B mandates the disclosure of criminal cases, assets, liabilities, and education by candidates.
- Which of the statements given above is/are correct?
- I only
 - II only
 - Both I and II
 - Neither I nor II
- 4) Consider the following statements regarding Denmark:
- Denmark is surrounded by the North Sea to the east and the Baltic Sea to the west.
 - The climate of Denmark is moderated by the warm Gulf Stream, resulting in a temperate climate with rainfall throughout the year.
 - Denmark includes the Faroe Islands and Greenland as its territories.
- Which of the statements given above is/are correct?
- I and II only
 - II and III only
 - I and III only
 - I, II and III
- 5) Consider the following statements regarding the Rhesus Macaque:
- It is native to mainland Asia and scientifically known as *Macaca mulatta*.
 - They are omnivorous and share approximately 93% of their genetic sequence with humans.
 - They are exclusively arboreal animals and rarely descend to the ground.
- Which of the statements given above is/are correct?
- I and II only
 - II and III only
 - I, II and III
 - I and III only
- 6) Consider the following statements regarding the Tropical Forests Forever Facility (TFFF):
- TFFF makes annual payments to tropical forest countries that maintain their standing forests.
 - It was launched as an initiative by Brazil on the sidelines of COP-30 in Belem.
 - To be eligible for support, a country must have an annual deforestation rate above 1%.
- Which of the statements given above is/are correct?
- II and III only
 - I, II and III
 - I and II only
 - I and III only
- 7) Consider the following statements regarding volcanic lightning:
- It is caused by the collision and rubbing of particles within the volcanic plume.
 - The primary particles responsible for charge generation are ash near the ground and ice higher up.
 - Volcanic lightning can act as a natural early warning system for eruptions.
- Which of the statements given above is/are correct?
- I, II and III
 - I and III only
 - II and III only
 - I and II only
- 8) Consider the following statements regarding the BRAIN Initiative Cell Atlas Network (BICAN):
- The atlases chart the emergence and maturation of brain cells from embryonic stages to adulthood.
 - The findings of the research may help in addressing autism and schizophrenia.
 - The initiative is a pioneering international research collaboration under the U.S. National Institutes of Health.
 - BICAN aims to create a comprehensive open-access atlas of the human brain.
- Which of the statements given above is/are correct?
- I, II and IV only
 - I, II, III and IV
 - I, III and IV only
 - II, III and IV only

- 9) Consider the following statements regarding the issue of stray dogs in India:
- The Animal Birth Control (ABC) Rules, 2023, mandate permanent relocation of all stray dogs to designated shelters.
 - Dog bites account for less than 10% of the mortality and morbidity associated with rabies in India.
 - As per Article 243(W) of the Constitution, municipalities are responsible for controlling the stray dog population.
- Which of the statements given above is/are correct?
- II and III only
 - III only
 - I, II and III
 - I only
- 10) Consider the following statements regarding the use of deep technologies in agriculture:
- Generative AI and CRISPR are identified as key deep-tech frontiers for agricultural innovation.
 - Intello Labs' Fruitsort uses computer vision and machine learning to analyze fresh produce for defects.
 - The Pradhan Mantri Fasal Bima Yojana (PMFBY) deploys remote sensing, drones, and a mobile app for crop insurance.
- Which of the statements given above is/are correct?
- II and III only
 - I, II and III
 - I only
 - I and III only
- 11) Which of the following is a fundamental and mandatory safeguard under Article 22(1) of the Constitution?
- The right to be informed of the grounds of arrest for all offences
 - The right to speedy trial only under special laws
 - The right to appeal against arrest under any statute
 - The right to compensation for wrongful arrest in all cases
- 12) Which of the following ministries implements the Pradhan Mantri Kaushal Vikas Yojana (PMKVY), currently in its fourth phase?
- Ministry of Rural Development
 - Ministry of Skill Development and Entrepreneurship
 - Ministry of Education
 - Ministry of Labour and Employment
- 13) Consider the following statements regarding vultures in India:
- The Red-headed Vulture depends on dense, undisturbed forests and its population is extremely low and fragmented.
 - All vulture species in India are classified as Critically Endangered under the IUCN Red List.
 - Conservation measures for Indian vultures include banning veterinary drugs like diclofenac.
- Which of the statements given above is/are correct?
- III only
 - II and III only
 - I and III only
 - I only
- 14) Consider the following statements regarding the geographical features and location of Peru:
- The capital city of Peru is Lima.
 - Peru shares its southern border with Chile.
 - Mount Huascarán is the highest peak in Peru.
 - Peru borders the Atlantic Ocean to the west.
- Which of the statements given above is/are correct?
- I, II and III only
 - I, III and IV only
 - I and IV only
 - II, III and IV only
- 15) Consider the following statements regarding the Arbitration and Conciliation Act, 1996:
- The Act is based on the United Nations Commission on International Trade Law (UNCITRAL) Model Law adopted in 1985.
 - The Act seeks to consolidate and amend the law relating to domestic arbitration and the enforcement of foreign arbitral awards.
- Which of the statements given above is/are correct?
- I only
 - II only
 - Both I and II
 - Neither I nor II
- 16) Consider the following statements regarding Global Positioning System (GPS) Spoofing:
- Global Positioning System spoofing can disrupt sectors such as aviation, logistics, telecommunications, energy, and defense.
 - Global Positioning System spoofing is a cyberattack that transmits false GPS signals to mislead navigation systems.
 - It exploits the strong signals of Global Positioning System satellites by blocking them with physical barriers.
- Which of the statements given above is/are correct?
- II and III only
 - I and II only
 - I, II and III
 - II only
- 17) Consider the following statements regarding the resolution of conflicts between the Insolvency and Bankruptcy Code (IBC) and the Prevention of Money Laundering Act (PMLA):
- The National Company Law Tribunal (NCLT) is the only authority empowered to unfreeze assets attached under PMLA in insolvency cases.
 - Insolvency professionals can now approach special PMLA courts to seek unfreezing of assets attached by the Enforcement Directorate.
 - Both IBC and PMLA contain non-obstante clauses that confer an overriding effect over conflicting statutes.
- Which of the statements given above is/are correct?
- II only
 - I and III only
 - I, II and III
 - II and III only
- 18) Consider the following statements regarding the Abraham Accords:
- The primary objective of the Accords is to normalize relations and establish formal diplomatic, trade, and security ties between Israel and certain Middle Eastern states.
 - The Abraham Accords were initially signed in 2020 between Israel and several moderate Arab states, including the UAE, Bahrain, and Morocco.
 - The Accords are named after the biblical Abraham, who is considered a common ancestor by both Jews and Arabs.

Which of the statements given above is/are correct?

- A. I and III only
- B. I and II only
- C. I, II and III
- D. II only

19) Consider the following statements regarding the Universal Basic Income (UBI):

Assertion (A): An important objective of UBI is to give recipients the assurance of a minimum income, alleviating anxiety about poverty or loss of livelihood.

Reason (R): UBI ensures zero exclusion error by providing coverage to all citizens.

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 explains Statement-I
- B. Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I
- C. Statement-I is correct, but Statement-II is incorrect
- D. Statement-I is incorrect, but Statement-II is correct

20) Consider the following statements regarding the appointment, conditions of service, and removal of the Comptroller and Auditor General (CAG) of India:

Assertion (A): The CAG of India can be removed by the President in the same manner and on the same grounds as a judge of the Supreme Court.

Reason (R): The salary and service conditions of the CAG are determined by Parliament.

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 explains Statement-I
- B. Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I
- C. Statement-I is correct, but Statement-II is incorrect
- D. Statement-I is incorrect, but Statement-II is correct

21) Quantum Key Distribution (QKD), recently demonstrated over 500 km in India, is primarily used for:

- A. Enhancing internet speed using quantum signals
- B. Secure distribution of encryption keys for data communication
- C. Powering satellites through quantum energy
- D. Increasing data storage capacity in computers

22) Consider the following statements regarding CAR T-cell therapy:

- I. CAR T-cell therapy is universally effective for all types of cancer.
- II. CAR T-cell therapy modifies white blood cells to become potent cancer fighters.
- III. NexCAR19 targets B-cell blood cancers and was developed with support from the Department of Biotechnology (DBT) and the Biotechnology Industry Research Assistance Council (BIRAC).

Which of the statements given above is/are correct?

- A. I and III only
- B. II and III only
- C. I and II only
- D. I, II and III

23) Consider the following statements regarding Gogabeel Lake:

- I. It is formed by the confluence of the Ganga and Yamuna rivers.
- II. Gogabeel Lake is the first community reserve of Bihar.

III. It is located in Katihar district, Bihar.

IV. It serves as a habitat for both resident and migratory birds.

Which of the statements given above is/are correct?

- A. II and IV only
- B. II, III and IV only
- C. I, III and IV only
- D. I, II and III only

24) Consider the following statements concerning the Convention on the Protection and Use of Transboundary Watercourses and International Lakes (commonly called the UN Water Convention):

- I. The convention requires parties to increase the share of untied fiscal transfers in national budgets.
- II. The convention was adopted in Helsinki in 1992 and entered into force in 1996.
- III. The convention is legally binding and mandates cooperation through agreements and joint bodies among riparian states.
- IV. Bangladesh is the first South Asian country to join the convention.

Which of the statements given above is/are correct?

- A. I, II and III only
- B. IV only
- C. II, III and IV only
- D. I only

25) Consider the following statements regarding the Enforcement Directorate (ED):

- I. The Enforcement Directorate operates under the administrative control of the Ministry of Home Affairs.
- II. The Fugitive Economic Offenders Act, 2018 is among the key laws enforced by the Enforcement Directorate.
- III. The Enforcement Directorate (ED) is responsible for enforcing anti-money laundering laws in India, primarily under the Prevention of Money Laundering Act, 2002 (PMLA).

Which of the statements given above is/are correct?

- A. I and II only
- B. II and III only
- C. I, II and III
- D. I and III

26) Consider the following statements regarding Tidal Disruption Events (TDEs):

- I. TDEs are caused by the collision of two neutron stars.
- II. TDEs provide insights into how black holes alter their nearby environments.
- III. TDEs occur when a star approaches a supermassive black hole and is violently disrupted, resulting in outflows of radiation.

Which of the statements given above is/are correct?

- A. I and III only
- B. II and III only
- C. I and II only
- D. I, II and III

27) Consider the following statements with respect to the World Summit for Social Development:

- I. The summit was convened by the United Nations Security Council.
- II. The first World Summit for Social Development was held in Copenhagen, Denmark.
- III. The Doha Declaration calls for treating poverty eradication, decent work, and social inclusion as interconnected priorities.

Which of the statements given above is/are correct?

- A. II and III only
- B. I and II only
- C. III only
- D. I, II and III

28) Consider the following statements regarding the Baliyatra festival:

- I. The festival is celebrated in coastal Odisha on the day of Kartika Purnima.
- II. The festival is solely associated with the worship of Lord Jagannath.
- III. It commemorates Odisha's maritime tradition and past association with Bali and other South East Asian countries.

Which of the statements given above is/are correct?

- A. II and III only
- B. I, II and III
- C. I and III only
- D. II only

29) Consider the following statements regarding Project Suncatcher, an initiative by Google to explore advanced space-based computing technologies:

- I. The project plans to use satellites equipped with Google's custom-built Tensor Processing Unit (TPU) chips.
- II. Project Suncatcher aims to explore AI computing in space using solar-powered satellites in low-Earth orbit.

Which of the statements given above is/are correct?

- A. I only
- B. II only
- C. Both I and II
- D. Neither I nor II

30) Consider the following statements regarding the application of Quantum Key Distribution (QKD) in modern communication security:

Assertion (A): Quantum Key Distribution (QKD) is suitable for securing critical infrastructure such as defence and financial services.

Reason (R): QKD can detect and mitigate eavesdropping attacks by leveraging the principles of quantum mechanics.

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 explains Statement-I
- B. Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I
- C. Statement-I is correct, but Statement-II is incorrect
- D. Statement-I is incorrect, but Statement-II is correct

31) Which constitutional amendment granted Indian citizens the fundamental right to form cooperative societies and inserted Article 43B into the Directive Principles of State Policy?

- A. 73rd Amendment Act, 1992
- B. 97th Amendment Act, 2011
- C. 42nd Amendment Act, 1976
- D. 86th Amendment Act, 2002

32) The Commission of Railway Safety, which deals with the safety of rail travel and train operations in India, functions under which ministry?

- A. Ministry of Home Affairs
- B. Ministry of Railways
- C. Ministry of Civil Aviation
- D. Ministry of Transport

33) The VAIBHAV Fellowship, aimed at enabling Indian diaspora scientists to collaborate with Indian institutions, is implemented by:

- A. Ministry of Electronics and IT
- B. Ministry of Education
- C. Ministry of Science and Technology
- D. Ministry of External Affairs

34) The National Company Law Appellate Tribunal (NCLAT) hears appeals against decisions of which of the following bodies?

- A. National Company Law Tribunal
- B. Central Administrative Tribunal
- C. Income Tax Appellate Tribunal
- D. All of the above

35) Consider the following statements regarding initiatives for railway safety in India:

- I. Rashtriya Rail Sanraksha Kosh was introduced for the expansion of railway routes across India.
- II. Electrical/Electronic Interlocking Systems are used to reduce accidents due to human error.
- III. KAVACH is an indigenously developed Automatic Train Protection system developed by the Research Design and Standards Organisation (RDSO).

Which of the statements given above is/are correct?

- A. I and III only
- B. I, II and III
- C. II and III only
- D. I and II only

36) Consider the following statements regarding black hole 'morsels' and quantum gravity:

- I. Quantum gravity seeks to reconcile quantum mechanics and gravity.
- II. Quantum gravity is a field of theoretical physics.
- III. Black hole morsels are larger than typical black holes and are colder than asteroids.

Which of the statements given above is/are correct?

- A. I and II only
- B. III only
- C. I, II and III
- D. II only

37) Consider the following statements regarding Umngot River:

- I. It flows through Dawki, a small town in East Jaintia Hills district, and finally enters Bangladesh.
- II. Umngot River originates in the western part of Shillong Peak.
- III. The river forms a natural boundary between Ri Pnar (Jaintia Hills) and Hima Khyrim (Khasi Hills).

Which of the statements given above is/are correct?

- A. I, II and III
- B. I and III only
- C. I and II only
- D. II only

38) With reference to Advanced Driver Assistance System (ADAS), which of the following statements is/are correct?

- I. ADAS is a suite of technologies designed to help drivers avoid human errors.
- II. Parking assistance and blind spot detection are among the features included in ADAS.
- III. Sensors like Lidar, Radar, and cameras are integrated in ADAS to inform features such as lane departure warning.

Which of the statements given above is/are correct?

- A. I, II and III
B. II and III only
C. III only
D. I only
- 39)** Consider the following statements regarding quantum gravity and its significance:
I. It helps in understanding the physics within black holes and quantum entanglement.
II. Quantum gravity is limited to explaining the properties of condensed matter only.
III. Quantum gravity attempts to describe gravity following the principles of quantum mechanics.
Which of the statements given above is/are correct?
A. I only
B. I and II only
C. III only
D. I and III only
- 40)** Consider the following statements regarding greenhouse gas emissions in India:
Assertion (A): Per capita greenhouse gas emissions in India have consistently remained above the world average.
Reason (R): The Emission Gap Report 2025 highlights that India's total GHG emissions have increased in absolute terms.
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 explains Statement-I
B. Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I
C. Statement-I is correct, but Statement-II is incorrect
D. Statement-I is incorrect, but Statement-II is correct
- 41)** Comet 3I/ATLAS, recently discovered passing through our solar neighborhood, is best described as:
A. A comet discovered near the orbit of Jupiter by the Hubble Space Telescope
B. The third interstellar object detected passing through the solar system
C. A short-period comet with a closed elliptical orbit
D. The first known comet to originate from the asteroid belt
- 42)** Which of the following technologies is used at the production stage in modern agriculture to enhance crop health and efficiency?
A. Rotary tillers
B. Smart sensors for market preparedness
C. AI grading
D. IoT ripening chambers
- 43)** Consider the following statements regarding the Indian IT industry:
I. The Indian IT industry employs about 1% of the national workforce, with women comprising over one-third of this sector.
II. India's IT industry contributes nearly 7% to the country's GDP, playing a significant role in the national economy.
Which of the statements given above is/are correct?
A. I only
B. II only
C. Both I and II
D. Neither I nor II
- 44)** Consider the following statements regarding the Research, Development, and Innovation (RDI) Scheme:
I. The scheme aims to finance transformative projects with higher Technology Readiness Levels and support the acquisition of critical and strategic technologies.
II. The nodal department for the scheme's implementation is the Ministry of Electronics and Information Technology.
III. The scheme, designed to promote technological self-reliance, operates through a two-tiered funding mechanism involving a Special Purpose Fund within the ANRF and second-level fund managers.
Which of the statements given above is/are correct?
A. I, II and III
B. III only
C. I and III only
D. I and II only
- 45)** Consider the following statements regarding the State Human Rights Commission (SHRC):
I. The SHRC inquires into matters listed in both the State List and the Concurrent List.
II. The recommendations of the SHRC are advisory in nature.
III. The SHRC can issue legally binding directions similar to a High Court.
IV. The Chairperson of the SHRC must be a retired Chief Justice or Judge of a High Court.
Which of the statements given above is/are correct?
A. I and II only
B. I, III and IV only
C. I, II and IV only
D. II, III and IV only
- 46)** Which of the following is a key advantage of a Thorium Molten Salt Reactor (TMSR)?
A. It allows for passive safety mechanisms, such as salt plug melting to stop the reaction
B. It operates at high pressure, reducing the risk of leaks
C. It relies exclusively on water as a coolant
D. It produces a large quantity of long-lived radioactive waste
- 47)** According to the Supreme Court, in-house counsels employed by corporate entities are not entitled to client-attorney privilege under Section 132 of the Bharatiya Sakshya Adhinyam because:
A. They are not recognized as advocates under the Advocates Act, 1961
B. They function as judges in company disputes
C. They do not possess a law degree from an Indian university
D. They are not enrolled in the Bar Council after their LL.B. degree
- 48)** Monoclonal antibodies (mAbs) are:
A. Proteins naturally produced by the liver to transport oxygen
B. Laboratory-produced proteins engineered to bind specific antigens
C. Enzymes used in digestion of complex carbohydrates
D. Hormones secreted by the pituitary gland for growth regulation
- 49)** Consider the following statements:
I. Lawyers and advocates are terms used interchangeably for any person who has completed a law degree and practices law in India.
II. According to the Advocates Act, 1961, only advocates

enrolled under its provisions are entitled to practise law in India.

Which of the above is/are correct?

- A. I only
- B. II only
- C. I and II only
- D. None

50) Consider the following statements regarding Coal India Limited (CIL):

I. CIL supplies about 80% of India's total domestic coal production.

II. CIL was established in November 1975 after nationalisation of coal mines.

Which of the above is/are correct?

- A. I only
- B. II only
- C. I and II only
- D. None



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