

WEEKLY QUIZ

DATE : 21st July- 27th July

- 1) Which of the following best describes the role of mycorrhizal fungi in ecosystems?
- They assist plants in nutrient absorption and play a major role in soil carbon sequestration
 - They serve as primary decomposers of lignin in forest soils
 - They are pathogenic to most crop species, reducing agricultural productivity
 - They directly fix atmospheric nitrogen for plant uptake
- 2) The CROPIC initiative, recently launched to enhance agricultural resilience, is best described as:
- A portal for online fertilizer subsidy disbursement
 - A credit guarantee scheme for small and marginal farmers
 - A mobile app to capture geotagged crop images for analysis under PMFBY
 - A weather forecasting service for rural areas
- 3) The Advanced Unmanned Aerial Vehicle Launched Precision Guided Missile-V3 (ULPGM-V3), recently in the news, is:
- A precision guided missile launched from UAVs, developed by DRDO
 - A short-range anti-submarine missile for naval warfare
 - A ballistic missile jointly developed with Israel
 - An air-to-air missile developed for the Indian Air Force
- 4) Consider the following statements:
- Green hydrogen has a higher energy density than batteries and can be stored and transported in large quantities.
 - Hydrogen-powered trains under the "Hydrogen for Heritage" initiative will run exclusively on newly constructed railway tracks.

Which of the statements given above is/are correct?

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

5) Consider the following statements regarding the Atal Pension Yojana (APY):

- APY is implemented by the Pension Fund Regulatory and Development Authority.
- The scheme is open to all Indian citizens above the age of 40 years.

Which of the statements given above is/are correct?

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

6) Consider the following statements:

- Under President Rule, its duration can be extended for a maximum of three years with parliamentary approval, in periods of six months each.
- President Rule can only be imposed in a state if the Governor recommends it.

Which of the statements given above is/are correct?

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

7) Consider the following statements:

- The Advanced Unmanned Aerial Vehicle Launched Precision Guided Missile-V3 (ULPGM-V3) is equipped with a high-definition dual-channel seeker.
- ULPGM-V3 can be operated only in plain areas during the daytime.
- The missile has day-and-night capability and a two-way data link for post-launch target updates.

Which of the statements given above is/are correct?

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

8) Consider the following statements regarding the E3 countries and snapback sanctions:

- The E3 arrangement includes the United States as a permanent member.
- The E3 countries first met after the US attack on Iraq in 2003 to manage nuclear risks from Iran.
- The E3 grouping is a formal security alliance between the UK, Germany, and France.
- Snapback sanctions under the Joint Comprehensive Plan of Action (JCPOA) can be reimposed if Iran violates its nuclear commitments.

Which of the statements given above is/are correct?

- 1, 3 and 4 only
- 1, 2 and 3 only
- 2 and 4 only
- 2 only

9) Consider the following needs for the Regional Rapid Transit System (RRTS) in India:

- Ensuring equitable regional development by connecting suburban and peri-urban areas to urban hubs.
- Reducing travel time and enhancing labour productivity for commuters between cities and their suburbs.
- Supporting government initiatives like the Smart Cities Mission, Make in India, and Atmanirbhar Bharat.
- Addressing increasing urban congestion as more than 40% of the population is projected to live in urban areas by 2030.

Which of the statements given above is/are correct?

- 4 only
- 1, 2, 3 and 4
- 1 and 4 only
- 3 only

10) Consider the following statements with reference to the regulation of obscene content in India:

- The Supreme Court has held that obscenity does not enjoy protection under the right to freedom of speech and expression.
- Article 19(2) of the Constitution permits reasonable restrictions on free speech in the interest of decency and morality.
- Section 67 and Section 67A of the IT Act, 2000, deal with regulation of unlawful and obscene online content.

Which of the statements given above is/are correct?

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

11) Consider the following statements:

Assertion (A): Coral reefs cover only about 1% of the ocean area but support around 25% of marine life.

Reason (R): Coral reefs survive best in clear, shallow waters with stable salinity and hard substrates.

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

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

12) Consider the following pairs:

Art form	Region of Origin
Pattachitra	Jharkhand
Sohrai	Odisha
Patua	West Bengal

How many of the above pairs are correctly matched?

- Only one
- Only two
- Only three
- None

13) Patua, recently mentioned in the context of Indian art, is best described as:

- A metal craft technique
- A folk painting stitched onto cloth scrolls
- A wood carving tradition
- A mural art practiced in temples

- 14) Which of the following statements best describes the Indian Regional Navigation Satellite System (IRNSS), also known as NavIC?
- It is a global navigation system providing worldwide coverage
 - It is a maritime communication satellite system for Indian Ocean countries
 - It is a weather monitoring satellite network operated jointly with European Space Agency
 - It is India's independent regional navigation satellite system providing precise position data in India and up to 1500 km beyond its borders
- 15) Which ministry is responsible for implementing the Pradhan Mantri Virasat Ka Samvardhan (PM VIKAS) scheme?
- Ministry of Skill Development and Entrepreneurship
 - Ministry of Minority Affairs
 - Ministry of Rural Development
 - Ministry of Social Justice and Empowerment
- 16) Which of the following conditions is optimal for coral reef formation?
- Water temperature below 15°C
 - High levels of sedimentation in water
 - Depth less than 50 meters for sufficient sunlight penetration
 - Rapidly fluctuating salinity levels
- 17) Consider the following statements regarding the Comprehensive Economic and Trade Agreement (CETA):
- CETA eliminates tariffs on 99% of Indian tariff lines and reduces tariffs on 90% of UK tariff lines.
 - CETA restricts Indian MSMEs from participating in UK government procurement.

Which of the above is/are correct?

- 2 only
- 1 and 2 only
- None
- 1 only

18) Consider the following statements regarding the Pradhan Mantri Virasat Ka Samvardhan (PM VIKAS) scheme:

- Among the six notified minorities targeted by the scheme, Parsis (Zoroastrians) are not included.
- The scheme converges five erstwhile schemes and focuses on the upliftment of six notified minority communities.

Which of the above is/are correct?

- 1 and 2 only
- 2 only
- 1 only
- None

19) Consider the following statements regarding the Maritime Development Fund (MDF):

- India has recently opened 100% Foreign Direct Investment (FDI) in the shipping sector as a part of maritime sector support initiatives.
- The Maritime Development Fund is proposed as a dedicated blended finance vehicle to attract long-term investment into shipyards, coastal infrastructure, and inland waterways.

Which of the above is/are correct?

- 1 only
- 2 only
- None
- 1 and 2 only

20) With reference to the objectives and features of Double Taxation Avoidance Agreements (DTAA), which of the following statements is/are correct?

- DTAA benefits Non-Resident Indians, Persons of Indian Origin, and Overseas Citizens of India by reducing excessive international tax burdens.
- DTAA is an international agreement aimed at preventing the same income from being taxed in more than one country.

Which of the above is/are correct?

- 1 only
- 2 only
- 1 and 2 only
- None

21) Consider the following statements:

Assertion (A): The National Policy on Biofuels (2018), as amended in 2022, advanced the target for 20% ethanol blending in petrol to 2025–26.

Reason (R): The policy permitted the use of surplus food grains and other non-food crops for ethanol production, ensuring fair prices for farmers during surplus phases.

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

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

22) Consider the following statements:

Assertion (A): GST is considered progressive in India as higher-income groups pay a larger share, reducing post-tax inequality.

Reason (R): Multiple GST slabs and exemptions on essential goods and services help make the GST system fairer. Increasing the tax rate on items in the 5–12% slab may decrease the tax burden on lower consumption classes.

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

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

23) Rajendra Chola I is historically associated with which of the following achievements?

- Defeat of the Pallava Empire at Kanchipuram
- Naval expeditions against the Srivijaya Empire
- Founding the city of Thanjavur
- Construction of the Sun Temple at Konark

24) Consider the following statements:

- There is a specific antiviral drug available for the treatment of chikungunya.
- Chikungunya is a mosquito-borne viral disease caused by the chikungunya virus.

Which of the above statements are correct?

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

25) Consider the following statements:

- Singapore holds the top position in the Henley Passport Index.
- The Henley Passport Index ranks passports solely based on the GDP of the respective countries.

Which of the above statements are correct?

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

26) Consider the following statements:

- The NCMC is a statutory body under the Disaster Management Act (Amendment) Act, 2025.
- The National Crisis Management Committee (NCMC) is headed by the Cabinet Secretary.
- The NCMC coordinates and monitors national disaster response efforts.

Which of the above statements are correct?

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

27) Consider the following statements regarding the International Court of Justice (ICJ) and climate action:

- The ICJ's headquarters is located in Geneva, Switzerland.
- According to the ICJ, states are obliged to limit emissions to meet the Paris Agreement target of 1.5°C above pre-industrial levels.
- The ICJ was established as the main judicial body of the UN in 1945.
- The ICJ can issue advisory opinions only when requested by authorized UN organs or states.

Which of the above statements are correct?

- 2 and 3 only
- 4 only
- 1 and 4 only
- 2 and 4 only

28) With reference to the Skills Accelerator initiative, which of the following statements is/are correct?

- The initiative is a public-private collaboration platform for cross-sector innovation.
- It aims to enable agile career transitions and promote scalable training.
- It aligns education with industry needs in sectors such as AI, robotics, advanced manufacturing, and clean energy.

Which of the above statements are correct?

- 1 only
- 3 only

- c. 1, 2 and 3
- d. 1 and 3 only

29) Consider the following statements about Power Market Coupling:

1. The Day-Ahead Market (DAM) is a financial trading platform for buying and selling electricity for the next month.
2. Market coupling aggregates orders from all power exchanges to determine a uniform market-clearing price.
3. Market coupling helps achieve price convergence between different electricity markets.

Which of the above statements are correct?

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

30) With reference to the objectives of the "AI for India 2.0" Programme, which of the following statements are correct?

1. It aims to make tech skills accessible and inclusive for India's youth.
2. The programme is limited to urban students proficient in English.
3. It empowers the youth by enabling tech learning in multiple vernacular languages.

Which of the above statements are correct?

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

31) Consider the following statements:

Assertion (A): Arctic Amplification causes the Arctic region to warm more quickly than the rest of the Earth.

Reason (R): Reduced albedo in the Arctic accelerates warming, resulting in additional ice and snow loss through a feedback loop.

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

32) The Locarno Agreement, recently mentioned in the context of India's intellectual property reforms, is:

- a. An international agreement under the World Intellectual Property Organization for classification of industrial designs
- b. A bilateral treaty between India and Switzerland for patent protection
- c. A protocol for digitalization of trademarks in the European Union
- d. A regional trade agreement for copyright protection in Southeast Asia

33) The Kalasa-Banduri Project, which is at the center of a recent interstate dispute, involves:

- a. Construction of a dam on the Malaprabha River in Maharashtra
- b. Diverting water from the Narmada River to Gujarat's Saurashtra region
- c. Building barrages across Kalasa and Banduri tributaries of the Mhadei to divert water to the Malaprabha River
- d. Interlinking of Godavari and Krishna rivers to supply water to Telangana

34) Which of the following is NOT a correct statement regarding UNESCO?

- a. Its headquarters is located in Geneva
- b. It promotes collaboration among nations through education, science, and culture
- c. It publishes the Global Education Monitoring Report
- d. It is a specialized agency of the United Nations

35) Chola Gangam Lake, also known as Ponneri Lake, was constructed by which ruler?

- a. Kulottunga Chola I
- b. Vikrama Chola
- c. Rajaraja Chola I
- d. Rajendra Chola I

36) Consider the following statements regarding the Financial Inclusion Index (FI-Index):

1. The parameters of the Financial Inclusion Index are Access, Usage, and Quality.
2. The Financial Inclusion Index is constructed with a base year of 2021.

Which of the statements given above is/are correct?

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

37) Consider the following statements regarding the Winter Fog Experiment (WiFEX):

1. The main objective is to improve the now-casting and forecasting of winter fog in North India.
2. WiFEX is led by the Indian Institute of Tropical Meteorology under the Ministry of Earth Sciences.

Which of the statements given above is/are correct?

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

38) Consider the following statements:

1. The opinion given by the Supreme Court under Article 143(1) is binding on the President.
2. Article 143(1) of the Indian Constitution allows the President to refer questions of law or fact to the Supreme Court for an advisory opinion.

Which of the statements given above is/are correct?

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

39) Consider the following statements regarding Intellectual Property (IP) reforms in India:

1. The Locarno Agreement, adopted for Industrial Designs, is administered by the World Intellectual Property Organization.
2. There is an 80% fee reduction in Patents for Startups and MSMEs.
3. The registration process for Trademarks now requires a greater number of forms than before.

Which of the statements given above is/are correct?

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

40) Consider the following statements regarding Biostimulants:

1. Biostimulants are defined as substances that stimulate physiological processes in animals to enhance livestock yield.
2. Biostimulants can improve nutrient availability, stress tolerance, and crop quality in plants.
3. Biostimulants are regulated under the Fertiliser (Inorganic, Organic, or Mixed) (Control) Order, 1985.

Which of the statements given above is/are correct?

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

41) Consider the following statements:

1. India's coal sector sustainability initiatives include afforestation of mined-out areas and treated mine water utilization for community supply.
2. Blast-free mining technology adopted in India's coal sector eliminates the need for surface miners and continuous miners.

Which one of the following is/are correct?

- a. 1 only
- b. 2 only
- c. 1 and 2 only
- d. None

42) Consider the following statements:

Assertion (A): The Unified Payments Interface (UPI) is operational in multiple countries, including Singapore and France.

Reason (R): UPI's worldwide expansion is primarily due to its technological scalability, interoperability, and integration capabilities.

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

43) Consider the following statements:

1. The removal of Supreme Court judges is governed by Articles 124(4) and 124(5) of the Constitution.
2. The word "impeachment" is explicitly mentioned for the removal of judges in the Constitution.

Which of the above is/are correct?

- a. 1 only
- b. 2 only
- c. None
- d. 1 and 2 only

- 44) Under the Constitution of India, which Article empowers the Election Commission to supervise all aspects of elections, including the preparation of electoral rolls?
- Article 80
 - Article 324
 - Article 326
 - Article 338

- 45) Consider the following statements:

Assertion (A): In vitro biotransformation (ivBT) refers to the process where the chemical alteration of a substance is carried out outside the body using isolated cells or enzymes.

Reason (R): Biotransformation exclusively utilizes whole living organisms to alter substances.

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

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

- 46) Consider the following statements:

Assertion (A): The Kamchatka Peninsula is often referred to as a land of fire and ice.

Reason (R): The Kuril Archipelago extends from the Kamchatka Peninsula to the eastern coast of China.

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

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

- 47) Consider the following statements regarding the Brahmaputra River dam project:

- The Brahmaputra River originates from the Chemayungdung Glacier located on the northern side of the Himalayas in Tibet.
- Both China and India are signatories to the United Nations Convention on the Law of the Non-Navigational Uses of International Watercourses, 1997.

Which of the following options are correct?

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

- 48) Consider the following statements:

- Bitra Island is the smallest inhabited island in Lakshadweep with a land area of 0.105 sq km.
- Bitra Island is located near the Agatti Island in the Arabian Sea.

Which of the above statements are correct?

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

- 49) Which of the following ministry is responsible for implementing the National Sample Survey (NSS) in India?

- Ministry of Home Affairs
- Ministry of Statistics and Programme Implementation
- Ministry of Science and Technology
- Ministry of Rural Development

- 50) Which of the following is a key advantage of the AdFalcivax vaccine over existing malaria vaccines?

- It is effective against all five *Plasmodium* species that infect humans
- It is the first vaccine to use synthetic nanoparticles as adjuvants
- It offers dual-stage protection against *Plasmodium falciparum*
- It is administered orally and requires no refrigeration