

WEEKLY QUIZ

DATE : 14th Oct-20th Oct

- 1) Which of the following is not a key component of the IndiaAI Mission?
- IndiaAI Compute Capacity
 - IndiaAI FutureSkills
 - IndiaAI Global AI Governance Body
 - IndiaAI Startup Financing
- 2) Which of the following is not a feature of Saudi Arabia's Musaned platform?
- It enables foreign workers to verify their employment contracts.
 - It allows foreign workers to change employers at will without legal process.
 - It can be linked to health benefits and contract insurance.
 - It tracks financial transactions between employers and workers.
- 3) Which of the following is a primary objective of the IDEAS Scheme?
- To promote India's domestic industrial growth.
 - To offer concessional financial assistance to developing countries for strategic projects.
 - To provide financial aid to Indian states for infrastructure development.
 - To offer grants to non-governmental organizations (NGOs) working in South Asia.
- 4) Consider the following statements regarding the formation and effects of tar balls:
- Tar balls are always found near the site of oil spills and cannot travel long distances.
 - The environmental impact of tar balls is minimal because they quickly degrade once they reach shorelines.
 - The size of tar balls can range from small pebbles to fist-sized clumps, depending on environmental conditions and exposure.
- Which of the above statements is/are correct?
- 1 only
 - 2 only
 - 3 only
 - 1 and 3 only
- 5) Consider the following statements about the "Scam se Bacho" campaign:
- It is led by the Ministry of Home Affairs (MHA) and the Reserve Bank of India (RBI).

2. The campaign primarily targets users in urban areas with access to high-speed internet.
3. The Indian Cyber Crime Coordination Centre (I4C) is involved in the campaign.

Which of the above statements is/are correct?

- a) 3 only
 - b) 1 and 2 only
 - c) 2 and 3 only
 - d) 1, 2, and 3
- 6) Which of the following correctly describes the process of appointing the Chief Justice of India (CJI)?
- a) The CJI is appointed by a collegium of senior judges in the Supreme Court.
 - b) The Law Ministry appoints the CJI after consulting with the senior-most judges.
 - c) The CJI is appointed solely by the President of India based on seniority.
 - d) The President of India appoints the CJI based on the recommendation of the outgoing CJI.
- 7) Which of the following correctly describes the eligibility criteria for Bangladeshi migrants to obtain Indian citizenship under Section 6A of the Citizenship Act, as per the Supreme Court ruling?
- a) Migrants entering India before January 1, 1966, are automatically granted citizenship.

- b) Migrants entering India between January 1, 1966, and March 25, 1971, are immediately granted citizenship.
- c) Migrants entering India between January 1, 1966, and March 25, 1971, are granted citizenship after 10 years of residence.
- d) Migrants entering India after March 25, 1971, are allowed conditional citizenship.

8) Consider the following statements about the Safe & Trusted AI initiative under the IndiaAI Mission:

1. It focuses on developing responsible AI practices through global tools.
2. The initiative ensures the use of AI only in the private sector.
3. Safe & Trusted AI is an initiative under the Ministry of Science and Technology.

How many of the above statements is/are correct?

- a) Only one
 - b) Only two
 - c) All three
 - d) None
- 9) Consider the following statements about Saudi Arabia's Musaned platform and its features:
1. Musaned is a wage protection platform designed for citizens of Saudi Arabia.
 2. The platform's main function is to help foreign workers file legal complaints against their employers.

3. Musaned does not align with Saudi Arabia's Vision 2030 goals.

Which of the above statements are correct?

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

10) Consider the following statements about the principles and conventions related to the appointment of the Chief Justice of India

1. The Chief Justice of India can be appointed for a second term, subject to Presidential discretion.
2. The principle of seniority is a constitutional mandate for appointing the Chief Justice.
3. The principle of seniority has evolved as a convention and is guided by the Memorandum of Procedure (MoP).

How many of the above statements is/are correct?

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

11) Which of the following countries is not a member of the Five Eyes Intelligence Alliance?

- a) United States
- b) Canada
- c) New Zealand
- d) India

12) What does the "C2" cost represent in the context of Minimum Support Prices (MSP)?

- a) Paid-out costs for inputs
- b) Includes unpaid family labor
- c) Comprehensive cost, including rent and capital interest
- d) None of the above

13) Consider the following statements regarding Kaziranga National Park:

1. It is a UNESCO World Heritage Site known for its population of one-horned rhinoceroses.
2. It has been recognized as the second-largest butterfly diversity hub in India.
3. The park is located in both Arunachal Pradesh and Assam.

Which of the above statements is/are correct?

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

14) Consider the following statements about the Drugs Technical Advisory Board (DTAB):

1. It is the highest statutory body for advising on drug-related matters in India.
2. It operates under the Ministry of Chemicals and Fertilizers.
3. The board was established under the Drugs and Cosmetics Act, 1940.
4. It is part of the Central Drugs Standard Control Organization (CDSCO).

Which of the above statements are correct?

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

15) Consider the following statements about the Battle of Walong:

1. It was part of the 1962 Indo-Pak war.
2. Indian forces held off a much larger Chinese army.
3. The battle demonstrated India's only counteroffensive during the Sino-Indian War.
4. Walong is located in Arunachal Pradesh, near the McMahon Line.

Which of the above statements are correct?

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

16) Consider the following statements about neutrinos:

1. Neutrinos are produced in high-energy processes like nuclear reactions in stars.
2. Neutrinos interact frequently with matter, making them easy to detect.
3. The Jiangmen Underground Neutrino Observatory (JUNO) is being built in the United States to study neutrinos.
4. Neutrinos carry an electric charge.

Which of the above statements is correct?

- a) 1 only

b) 2 only

c) 3 only

d) 4 only

17) Which of the following is NOT a significant function of the Drugs Technical Advisory Board (DTAB)?

- a) Advising on technical matters related to drugs.
- b) Recommending new drug prices.
- c) Providing guidelines for drug approval processes.
- d) Assisting in the enforcement of the Drugs and Cosmetics Act.

18) Which of the following crops is NOT considered a Rabi crop?

- a) Wheat
- b) Gram
- c) Cotton
- d) Mustard

19) Which of the following statements about the Five Eyes Intelligence Alliance is correct?

- a) It is primarily focused on gathering intelligence related to space exploration.
- b) India is one of the founding members of the alliance.
- c) The alliance originally started as a partnership between the US and Canada.
- d) The alliance's origins trace back to codebreaking collaborations during World War II.

20) Which of the following categories of migrants are sent to Albania for asylum processing under the Italy-Albania pact?

- a) Women and children
- b) Men from “safe” countries
- c) Vulnerable individuals showing signs of torture
- d) Refugees from conflict zones like Syria and Yemen

21) Consider the following statements about Stratovolcanoes:

1. Stratovolcanoes are tall, steep, cone-shaped volcanoes.
2. They are primarily made of layers of lava and ash.
3. Stratovolcanoes typically have calm and non-explosive eruptions.

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

22) Which type of radiation is used in radiographic techniques to estimate age?

- a) Gamma rays
- b) Infrared radiation
- c) X-rays
- d) Ultraviolet radiation

23) Consider the following statements regarding Third-Party Litigation Funding (TPLF):

1. It allows lawyers to fund their clients' cases.
2. The Supreme Court of India has allowed TPLF with certain restrictions.

3. TPLF is regulated by the Representation of the People Act, 1951.

Which of the above statements are correct?

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

24) Consider the following statements about BEML (Bharat Earth Movers Limited):

1. BEML was founded with the assistance of the Soviet Union.
2. It is currently fully owned by the Indian government.
3. BEML is involved in manufacturing equipment for mining and railways.

Which of the above statements are correct?

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

25) Consider the following statements about India Mobile Congress (IMC) 2024:

1. It is co-hosted by the Ministry of Electronics and Information Technology.
2. The theme is “The Future is Now.”
3. It focuses on 6G, AI, and quantum technology.
4. It is Asia’s premier digital technology exhibition.

Which of the above statements are correct?

- a) 2 and 3 only

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

26) Consider the following statements about the Haber-Bosch Process:

1. The process combines nitrogen and hydrogen under high pressure to produce ammonia.
2. The reaction uses platinum-based catalysts.
3. It is crucial for large-scale fertilizer production.

How many of the above statements is/are incorrect?

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

27) Consider the following statements about Ossification Testing:

1. Ossification tests determine age by assessing bone development.
2. They are used to estimate age with a margin of error of up to two years.
3. This method is not influenced by external factors like climate or diet.

Which of the above statements are correct?

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

28) Consider the following statements regarding Anusandhan National Research Foundation (ANRF):

1. It was operationalized in 2024 under the Ministry of Education.
2. Its main aim is to bridge the gap between academic research and industrial applications.
3. ANRF aims to position India as a leader in Science and Technology.
4. It is chaired by the President of India.

Which of the above statements are correct?

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

29) The Mission for Advancement in High-Impact Areas – Electric Vehicle (MAHA-EV) Mission focuses on all the following except:

- a) Developing electric aviation technologies.
- b) EV batteries and cells.
- c) Power electronics, machines, and drives (PEMD).
- d) EV charging infrastructure.

30) Consider the following statements about Samarthak Vessel:

1. It is the first multi-purpose vessel built for the Indian Navy by L&T Shipyard.
2. It has capabilities such as towing ships, launching targets, and operating autonomous vehicles.

3. It is a part of India's 'Make in India' initiative for promoting indigenous shipbuilding.

4. It is primarily designed for offensive naval operations.

Which of the above statements are correct?

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

31) Consider the following statements regarding the Nile River:

1. The Nile River forms a delta as it flows into the Mediterranean Sea.
2. The Blue Nile and White Nile are two principal streams of the river.
3. The Nile Basin includes parts of Kenya, Ethiopia, and Egypt.

How many of the above statements is/are incorrect?

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

32) Consider the following statements regarding e-Migrate Portal v2.0:

1. It promotes safe and legal migration for Indian workers abroad.
2. The platform integrates with Digilocker for seamless document submission.
3. It was launched by the Ministry of Labor and Employment.

Which of the above statements is/are correct?

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

33) The Mechazilla structure by SpaceX is specifically designed for:

- a) Launching rockets into space.
- b) Catching the Super Heavy booster mid-air during its descent.
- c) Refueling the Starship during space missions.
- d) Conducting space research in microgravity environments.

34) Consider the following statements about the Mission for Advancement in High-Impact Areas – Electric Vehicle (MAHA-EV) Mission:

1. It focuses solely on EV Batteries and Charging Infrastructure.
2. It supports domestic innovation to reduce import dependency for EV components.
3. The mission aligns with the vision of achieving a Viksit Bharat by 2047.

Which of the above statements is/are correct?

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

35) Consider the following statements regarding the Prime Minister Early Career Research Grant (PMECRG):

1. It provides flexible budgets to support early-career researchers.
2. The initiative focuses on multidisciplinary research to encourage global collaborations.
3. It positions India as a leader in the global scientific community by fostering innovation.

How many of the above statements is/are correct?

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

36) Consider the following statements regarding the World Telecommunication Standardization Assembly (WTSA):

1. WTSA is held every four years to set global telecommunication standards.
2. The 2024 edition will be held in Tokyo, Japan.
3. It focuses on emerging technologies like 6G and AI.

Which of the above statements is/are correct?

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

37) Consider the following statements about the International Telecommunication Union (ITU):

1. It was founded as the International Telegraph Union.
2. ITU is now a specialized agency of the United Nations.
3. It sets global telecommunication and ICT standards.

Which of the above statements is/are correct?

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

38) Which of the following is a primary reason for the declining production of water chestnut in Wular Lake?

- a) Overfishing
- b) Declining demand for water chestnut flour
- c) Excessive farming of water chestnuts
- d) Dry weather and increasing marshland

39) Roopkund Lake is primarily fed by which of the following?

- a) Monsoon rains
- b) Underground springs
- c) Melting snow and glaciers
- d) Nearby rivers

40) How is the Inter-Parliamentary Union (IPU) primarily funded?

- a) Member contributions from public funds
- b) Donations from private organizations
- c) Grants from the United Nations
- d) Revenue generated from international trade

41) Consider the following statements regarding Tele MANAS:

1. Tele MANAS provides 24/7 toll-free helpline services for mental health support.
2. The initiative is divided into two tiers, with Tier 1 providing initial counselling and Tier 2 offering specialist consultations.
3. Tele MANAS is a temporary program with limited outreach in rural areas only.

How many of the above statements is/are correct?

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

42) What is the primary purpose of the THAAD missile defense system?

- a) To launch offensive attacks on enemy positions
- b) To engage in naval defense operations
- c) To provide air-to-air missile support for fighter jets
- d) To intercept and destroy short- to medium-range ballistic missiles during their final flight phase

43) What is the primary reason for the current shrinking of Roopkund Lake?

- a) Climate change, shifting precipitation patterns, and increased silting

b) Over-extraction of water by local communities

c) Over-extraction of water by local communities

d) Deforestation around the lake

44) What is a key limitation of the X-band radar?

a) It cannot detect rain droplets

b) It only works during daytime

c) It has a shorter range due to higher attenuation of the signal

d) It is ineffective for detecting soil movements

45) Consider the following statements regarding the Inter-Parliamentary Union (IPU) Assembly:

1. The IPU Assembly is the main body of the IPU that discusses global issues and makes recommendations.

2. The IPU Assembly is responsible for overseeing the budget and administration of the IPU.

3. The IPU Assembly brings together parliamentarians from member states to address international problems.

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

46) Consider the following statements regarding water chestnut (Goer) in Kashmir:

1. Water chestnut is harvested primarily during autumn in Wular Lake.
2. The edible part of the water chestnut is typically peeled, dried, and ground into flour.
3. Water chestnuts are high in potassium and carbohydrates but low in sodium and fat.

How many of the above statements is/are incorrect?

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

47) Consider the following statements regarding the features of THAAD missile:

1. THAAD uses a radar system to detect incoming missiles.
2. THAAD covers a smaller area compared to the Patriot missile defense system.
3. THAAD uses kinetic energy rather than explosive warheads to destroy targets.

Which of the above statements are correct?

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

48) Consider the following statements regarding auroras and solar activity:

1. Auroras primarily occur near Earth's poles due to the trapping of charged particles by Earth's magnetic field.
2. Auroras can be visible at mid-latitudes during periods of strong solar activity, such as geomagnetic storms.
3. Solar flares and coronal mass ejections (CMEs) reduce the likelihood of auroras being visible.

How many of the above statements is/are correct?

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

49) Which of the following is NOT a function of Central Drugs Standard Control Organisation (CDSCO)?

- a) Approval of new drugs for the Indian market
- b) Oversight of clinical trials in India
- c) Regulation of the export of Indian drugs
- d) Monitoring the quality of imported drugs

50) What is one of the primary roles of UNIFIL in Lebanon as per its mandate?

- a) Oversee the election process in Lebanon
- b) Assist in the construction of civilian infrastructure
- c) Confirm the withdrawal of Israeli forces from southern Lebanon
- d) Oversee economic reforms in Lebanon