

10 PM Current Affairs Quiz Compilation

29th May to 3rd June, 2023

*THIS IS A MONTHLY DOCUMENT CONTAINING ALL MCQS ASKED IN 10 PM
CURRENT AFFAIRS QUIZ BY FORUMIAS.*

PRELIMS

Q.1) With reference to the species “Axolotl” consider the following statements:

1. These are amphibians that spend their whole lives underwater.
2. They exist in the wild in only one place.
3. They have the ability to regenerate lost body parts.
4. Its IUCN status is Near Threatened.

How many of the statements given above are correct?

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

Answer: C

Explanation –

Statement 1, 2 and 3 are correct. Axolotl are amphibians that spend their whole lives underwater. They exist in the wild in only one place. They have the ability to regenerate lost body parts.

Statement 4 is incorrect. Its IUCN status is Critically Endangered.

Source: [ForumIAS](#)

Q.2) With reference to “SAMARTH” campaign, consider the following statements:

1. It is a campaign to promote Digital Transactions in all Gram Panchayats.
2. Its aim is to empower rural communities by enabling them to participate in the digital economy and access the benefits of digital transactions.

Select the correct statements using the codes given below:

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

Answer: B

Explanation –

Statement 1 is incorrect. SAMARTH campaign is a campaign to Promote Digital Transactions in 50000 Gram Panchayats.

Statement 2 is correct. Its aim is to empower rural communities by enabling them to participate in the digital economy and access the benefits of digital transactions.

Source: [ForumIAS](#)

10 PM Compilation for the Month of May [Fifth Week] 2023

Q.3) Consider the following statements:

1. Cosmic dust particles contribute to the formation of stars and planetary systems by providing material for accretion.
2. 2I/Borisov was the first interstellar comet to be observed and studied by mankind.
3. Cosmic dust particles are same as the dust found on Earth.

Which of the statements given above are correct?

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

Answer: C

Explanation –

Statements 1 and 2 are correct. Cosmic dust particles contribute to the formation of stars and planetary systems by providing material for accretion. 2I/Borisov was the first interstellar comet to be observed and studied by mankind.

Statement 3 is incorrect. Cosmic dust particles are not the same as the dust found in our house but it is more like smoke with small particles varying from collections of just a few molecules to grains of 0.1 mm in size.

Source: [ForumIAS](#)

Q.4) With reference to “Cheetah Project Steering Committee” consider the following statements:

1. The committee is mandated to decide on opening up the cheetah habitat for eco-tourism.
2. The committee will be in force for four years and will convene at least two meetings every month.
3. The committee will suggest regulations and ways to involve the local community in the project activities.

Which of the statements given above are correct?

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

Answer: C

Explanation –

Statement 1 and 3 are correct. Cheetah Project Steering Committee is mandated to decide on opening up the cheetah habitat for eco-tourism. The committee will suggest regulations and ways to involve the local community in the project activities.

Statement 2 is incorrect. The committee will be in force for two years and will convene at least one meeting every month.

Source: [ForumIAS](#)

10 PM Compilation for the Month of May [Fifth Week] 2023

Q.5) Consider the following statements:

Statements I: The decision to recuse rests only on the conscience and discretion of the judge and no party can compel a judge to withdraw from a case.

Statement II: If a party has a reasonable belief that a judge may be biased in a case, the judge should consider recusing themselves to ensure impartiality and fairness in the judicial process.

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

- Both Statement-I and Statement-II are correct and Statement-II is the correct explanation for Statement-I.
- Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-I
- Statement-I is correct but Statement -II is incorrect.
- Statement-I is incorrect but Statement -II is correct.

Answer: B

Explanation –

Statement 1 and 2 are correct. The decision to recuse rests only on the conscience and discretion of the judge and no party can compel a judge to withdraw from a case. In *Ranjit Thakur versus Union of India* (1987), the SC said that if a party has a reasonable belief that a judge may be biased in a case, the judge should consider recusing themselves to ensure impartiality and fairness in the judicial process.

Source: [ForumIAS](#)

Q.6) With reference to the Electric Vehicle Manufacturing, consider the following statements:

- Batteries, which account for about 40% of an EV's total value, are predominantly produced in China.
- Currently, India does not have any domestic electric vehicle car manufacturer.
- Chinese, Korean, and Japanese companies control the processing of materials in the battery supply chain.

Which of the statements given above are correct?

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

Answer: C

Explanation –

Statement 1 and 3 are correct. Batteries, which account for about 40% of an EV's total value, are predominantly produced in China. Chinese, Korean, and Japanese companies control the processing of materials in the battery supply chain.

Statement 2 is incorrect. India has two main homegrown electric car manufacturers: Tata Motors and Mahindra and Mahindra.

Source: [ForumIAS](#)

10 PM Compilation for the Month of May [Fifth Week] 2023

Q.7) Consider the following statements:

1. Free market capitalism is founded on the principle of liberty in the economy, with rights for everyone to use their properties as they will.
2. The G7 countries represent only 15% of the world's citizens.
3. The Global Solutions Summit is an international conference aimed at keeping the Indo-Pacific region free from Chinese influence.

Which of the statements given above are correct?

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

Answer: A

Explanation –

Statement 1 and 2 are correct. Free market capitalism is founded on the principle of liberty in the economy, with rights for everyone to use their properties as they will. The G7 countries represent only 15% of the world's citizens.

Statement 3 is incorrect. The Global Solutions Summit is an international conference aimed at addressing key policy challenges facing the G20 and G7 and other global governance fora.

Source: [ForumIAS](#)

Q.8) Consider the following statements with respect to the city Darjeeling:

1. It is a town located in Assam.
2. It was once a summer resort for the British Raj elites.
3. Mt. Kanchenjunga one of the world's highest peaks is located in its backdrop.

Which of the statements given above are correct?

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

Answer: B

Explanation –

Statement 1 is incorrect. Darjeeling is a town located in West Bengal, in the Himalayan foothills. It would soon become a non-attainment city.

Statement 2 and 3 are correct. Darjeeling was once a summer resort for the British Raj elites. Mt. Kanchenjunga one of the world's highest peaks is located in its backdrop.

Source: [ForumIAS](#)

10 PM Compilation for the Month of May [Fifth Week] 2023

Q.9) With reference to “Mohenjodaro’s Dancing Girl” consider the following statements:

1. It was discovered by the archaeologist Ernest McKay.
2. Its finding indicates the presence of high art in Harappan society.
3. The bottom part of the girl is covered while the top has been left uncovered.

Which of the statements given above are correct?

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

Answer: A

Explanation –

Statement 1 and 2 are correct. Mohenjodaro’s Dancing Girl was discovered by the archaeologist Ernest McKay. Its finding indicates the presence of high art in Harappan society.

Statement 3 is incorrect. The Mohenjodaro’s dancing girl is just 10.5 cm in height, is dark and completely in nude with the exception of multiple bangles and a necklace.

Source: [ForumIAS](#)

Q.10) Consider the following statements:

1. Participatory Guarantee System (PGS) is implemented by APEDA, under the Ministry of Commerce & Industries.
2. Under, National Programme on Organic Production (NPOP) the certification for organic product is carried out by local groups consisting of producers and consumers and is based on trust.

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

Answer: D

Explanation –

Statement 1 and 2 are incorrect. PGS is implemented by the Ministry of Agriculture and Farmers Welfare. The PGS ensures that organic product production adheres to quality standards. NPOP is implemented by APEDA, under the Ministry of Commerce & Industries. It involves accreditation of Certification Bodies and sets standards for organic production. Its Standards have been recognized by the EU, Switzerland, and the US.

Source: [ForumIAS](#)

PRELIMS

Q.1) Thandikudi pass is located in –

- a) Andhra Pradesh
- b) Maharashtra
- c) Tamil Nadu
- d) Odisha

Answer: C

Explanation – Thandikudi pass is located in Tamil Nadu. Excavations in this area had yielded silver coins of the Roman Empire.

Source: [ForumIAS](#)

Q.2) Yavana, in the ancient literature, refers to –

- a) A cultivator
- b) An agent
- c) Revenue officer
- d) Greek speakers

Answer: D

Explanation – Yavana in Sanskrit and Yona in Pali refers to people from Greek or Greek speakers. Later these words were also applied to Romans, Arabs and western in general.

Source: [ForumIAS](#)

Q.3) Consider the following statements with reference to the Pandya dynasty:

1. Romans, during the Pandya, introduced the people to wine made from grapes.
2. Roman traders practiced a form of corporate social responsibility initiative at the time of Pandya.
3. The Roman traders used to take advantage of the polar easterlies blowing in the Arabian Sea to reach the ports in Kerala.

How many of the above statements are correct?

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

Answer: B

Explanation –

Statements 1 and 2 are correct. Romans, during the Pandyas, introduced the people to wine made from grapes. Roman traders practiced a form of corporate social responsibility initiative at the time of Pandyas as traders constructed tanks and temples during their journey so as to create an atmosphere of goodwill among the local population.

Statement 3 is incorrect. The Roman traders used to take advantage of the monsoonal winds blowing in the Arabian Sea to reach the ports in Kerala.

Source: [ForumIAS](#)

10 PM Compilation for the Month of May [Fifth Week] 2023

Q.4) With reference to the United Nations Peacekeeping Forces, consider the following statements:

1. They are often referred to as Red Helmets.
2. They provide security, political, and peacebuilding support to countries under conflicts.
3. Every peacekeeping mission is authorized by the UN Economic and Social Council.

Which of the statements given above is/are correct?

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

Answer: B

Explanation –

Statement 1 and 3 are incorrect. United Nations Peacekeeping Forces are often referred to as Blue Berets or Blue Helmets because of their light blue berets or helmets. Every peacekeeping mission is authorized by the UN Security Council.

Statement 2 is correct. It provides security, political, and peacebuilding support to countries under conflicts.

Source: [ForumIAS](#)

Q.5) With reference to the “Joint Malnutrition Estimate” consider the following statements:

1. As per the estimate, India continues to show a rise in stunting.
2. As per the estimate, the prevalence of obesity has marginally increased in a decade in India.

Select the correct statements using the codes given below:

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

Answer: B

Explanation –

Statement 1 is incorrect. As per the estimate, India continues to show a reduction in stunting.

Statement 2 is correct. As per the estimate, the prevalence of obesity has marginally increased in a decade in India.

Source: [ForumIAS](#)

10 PM Compilation for the Month of May [Fifth Week] 2023

Q.6) With reference to the disease Dengue, consider the following statements:

1. It is a viral infection caused by the dengue virus.
2. Climate change has been one of the factors towards rise in the dengue.
3. The cases of dengue in rural areas have dropped.

Which of the statements given above are correct?

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

Answer: A

Explanation –

Statement 1 and 2 are correct. Dengue is a viral infection caused by the dengue virus. Climate change has been one of the factors towards rise in the dengue.

Statement 3 is incorrect. Rural areas contributed approximately 32% of the total cases in 2015-16 and have increased to 41%-45% now.

Source: [ForumIAS](#)

Q.7) “Arretine Ware Pottery” is associated with which of the following?

- a) The Indus valley Civilization
- b) Mauryan Empire
- c) Roman Empire
- d) Ottoman Empire

Answer: C

Explanation – Arretine Ware Pottery is associated with the Roman Empire. It was a type of bright-red, polished pottery originally made at Arretium (modern Arezzo) in Tuscany from the 1st century BC to the 3rd century AD. Romans brought this pottery for Indian kings. The quality of the pottery was high, considering its mass production.

Source: [ForumIAS](#)

Q.8) Foucault pendulum was seen sometimes in the news with reference to which of the following?

- a) Illustrate the earth’s rotation
- b) Protection from Earthquakes
- c) Checking time precisely
- d) Increasing electromagnetic radiation

Answer: A

Explanation – Foucault pendulum is a deceptively simple device used to illustrate the earth’s rotation. The new Parliament building’s one of the key features includes a Foucault pendulum suspended from its ‘Constitutional Gallery’ area. It was designed and installed by the National Council of Science Museums (NCSM), Kolkata.

Source: [ForumIAS](#)

10 PM Compilation for the Month of May [Fifth Week] 2023

Q.9) With reference to the Electric Vehicle Manufacturing, consider the following statements:

1. Batteries, which account for about 40% of an EV's total value, are predominantly produced in China.
2. Currently, India does not have any domestic electric vehicle car manufacturer.
3. Chinese, Korean, and Japanese companies control the processing of materials in the battery supply chain.

Which of the statements given above are correct?

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

Answer: C

Explanation –

Statement 1 and 3 are correct. Batteries, which account for about 40% of an EV's total value, are predominantly produced in China. Chinese, Korean, and Japanese companies control the processing of materials in the battery supply chain.

Statement 2 is incorrect. India has two main homegrown electric car manufacturers: Tata Motors and Mahindra and Mahindra.

Source: [ForumIAS](#)

Q.10) Consider the following statements:

1. Free market capitalism is founded on the principle of liberty in the economy, with rights for everyone to use their properties as they will.
2. The G7 countries represent only 15% of the world's citizens.
3. The Global Solutions Summit is an international conference aimed at keeping the Indo-Pacific region free from Chinese influence.

Which of the statements given above are correct?

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

Answer: A

Explanation –

Statement 1 and 2 are correct. Free market capitalism is founded on the principle of liberty in the economy, with rights for everyone to use their properties as they will. The G7 countries represent only 15% of the world's citizens.

Statement 3 is incorrect. The Global Solutions Summit is an international conference aimed at addressing key policy challenges facing the G20 and G7 and other global governance fora.

Source: [ForumIAS](#)

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PRELIMS

Q.1) With reference to Glacial Lake Outburst Flood (GLOF) consider the following statements:

1. GLOF is formed due to the advancing of glaciers.
2. GLOFs are generally rapid events.
3. GLOFs result in large downstream river discharges.

Which of the statements given above are correct?

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

Answer: B

Explanation –

Statement 1 is incorrect. GLOF is formed due to the retreating glacier. Glacier retreats (shrinks) whenever the melting exceeds accumulation. Most of the world's glaciers have been retreating since about 1850.

Statements 2 and 3 are correct. GLOFs are generally rapid events. GLOFs result in large downstream river discharges.

Source: [ForumIAS](#)

Q.2) Consider the following statements;

1. The responsibility of prison management and administration lie with the central government.
2. Model Prisons Act 2023 intends to bring about attitudinal change towards prisoners and initiate vocational training and skill development for prisoners for their reintegration into society.

Select the correct answer form the code given below:

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

Answer: B

Explanation –

Statement 1 is incorrect. The responsibility of prison management and administration lie with the state government.

Statement 2 is correct. Model Prisons Act 2023 intends to bring about attitudinal change towards prisoners and initiate vocational training and skill development for prisoners for their reintegration into society.

Source: [ForumIAS](#)

10 PM Compilation for the Month of May [Fifth Week] 2023

Q.3) With reference to Open Network for Digital Commerce (ONDC) consider the following statements:

1. It is a non-profit company whose network will enable the display of products and services from all participating e-commerce platforms in search results across all apps on the network.
2. ONDC works on full-stack model.
3. It aims to democratize digital commerce.

Which of the statements given above are correct?

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

Answer: C

Explanation –

Statements 1 and 3 are correct. ONDC is a non-profit company whose network will enable the display of products and services from all participating e-commerce platforms in search results across all apps on the network. It aims to democratize digital commerce.

Statement 2 is incorrect. A full stack model means a platform like Amazon. However, ONDC follows a market place model.

Source: [ForumIAS](https://forumias.com)

Q.4) With reference to the Micro, Small and Medium Enterprises (MSMEs) consider the following statements:

1. Medium Enterprises makes up for over 99% of the total estimated number of MSMEs.
2. PM SVANidhi scheme functions with the goal of bringing informal micro enterprises under the formal ambit to help them avail benefits under India's priority sector lending rules.

Select the correct answer from the code given below:

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

Answer: D

Explanation –

Statement 1 and 2 are incorrect. Micro Enterprises makes up for over 99% of the total estimated number of MSMEs. PM SVANidhi (Prime Minister Street Vendor's Atmanirbhar Nidhi) that provides credit to small entrepreneurs such as hawkers and street vendors.

Source: [ForumIAS](https://forumias.com)

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Q.5) Consider the following statements:

1. The first population census in India was conducted by Lord Ripon in the British government.
2. Language diversity and cultural variations pose challenges in conducting population census.

Select the correct statements using the codes given below:

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

Answer: B

Explanation –

Statement 1 is incorrect. The first population census in India was conducted in 1872 by Lord Mayo in the British government.

Statement 2 is correct. Language diversity and cultural variations pose challenges in conducting population census.

Source: [ForumIAS](#)

Q.6) With reference to All India Survey on Higher Education (AISHE) consider the following statements:

1. The survey covers all the Institutions in the country engaged in imparting of higher education.
2. The survey defines higher education as the education which is obtained after completing ten years of schooling and is of duration of at least nine months.

Select the correct answer from the code given below:

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

Answer: A

Explanation –

Statement 1 is correct. AISHE covers all the Institutions in the country engaged in imparting of higher education.

Statement 2 is incorrect. The survey defines higher education as the education which is obtained after completing 12 years of schooling & is of duration of at least nine months. Or after completing 10 years of schooling & is of duration of at least 3 years.

Source: [ForumIAS](#)

10 PM Compilation for the Month of May [Fifth Week] 2023

Q.7) With reference to “Powassan virus disease” consider the following statements:

1. It is a rare but serious illness caused by the Powassan virus.
2. It is spread to humans by the bite of an infected deer tick, groundhog tick or squirrel tick.
3. Not all ticks carry these viruses.

How many of the above statements are correct?

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

Answer: C

Explanation –

Statement 1, 2 and 3 are correct. Powassan virus disease is a rare but serious illness caused by the Powassan virus. It is spread to humans by the bite of an infected deer tick, groundhog tick or squirrel tick. Not all ticks carry these viruses and not all people bitten by a tick will get sick. A tick needs to be attached to a person for a certain length of time before it can cause disease.

Source: [ForumIAS](https://forumias.com)

Q.8) Consider the following statements:

1. Quantum mechanics/physics is the study of how atomic particles exist and interact with each other.
2. Quantum physics describes many aspects of nature at macroscopic scale.
3. In Quantum physics, objects have characteristics of both particles and waves.

How many of the above statements are correct?

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

Answer: B

Explanation –

Statement 1 and 3 are correct. Quantum mechanics/physics is the study of how atomic particles exist and interact with each other. In Quantum physics, objects have characteristics of both particles and waves.

Statement 2 is incorrect. Quantum physics describes many aspects of nature at microscopic level.

Source: [ForumIAS](https://forumias.com)

10 PM Compilation for the Month of May [Fifth Week] 2023

Q.9) Consider the following statements with respect to the city Darjeeling:

1. It is a town located in Assam.
2. It was once a summer resort for the British Raj elites.
3. Mt. Kanchenjunga one of the world's highest peaks is located in its backdrop.

Which of the statements given above are correct?

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

Answer: B

Explanation –

Statement 1 is incorrect. Darjeeling is a town located in West Bengal, in the Himalayan foothills. It would soon become a non-attainment city.

Statement 2 and 3 are correct. Darjeeling was once a summer resort for the British Raj elites. Mt. Kanchenjunga one of the world's highest peaks is located in its backdrop.

Source: [ForumIAS](#)

Q.10) With reference to “Mohenjodaro’s Dancing Girl” consider the following statements:

1. It was discovered by the archaeologist Ernest McKay.
2. Its finding indicates the presence of high art in Harappan society.
3. The bottom part of the girl has been covered by a black covering while the top has been left uncovered.

Which of the statements given above are correct?

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

Answer: A

Explanation –

Statement 1 and 2 are correct. Mohenjodaro’s Dancing Girl was discovered by the archaeologist Ernest McKay. Its finding indicates the presence of high art in Harappan society.

Statement 3 is incorrect. The Mohenjodaro’s dancing girl is just 10.5 cm in height, is dark and completely in nude with the exception of multiple bangles and a necklace.

Source: [ForumIAS](#)

PRELIMS

Q.1) With reference to London Inter-Bank Offered Rate (LIBOR) consider the following statements:

1. It is a benchmark interest rate at which major global banks lend to one another in the international interbank market for long-term loans.
2. Rupee is one of the currencies on which LIBOR is based on.
3. The Secured Overnight Financing Rate (SOFR) is a benchmark interest rate for dollar-denominated derivatives and loans that is replacing the London Interbank Offered Rate (LIBOR).

Which of the statements given above is/are correct?

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

Answer: D

Explanation –

Statement 1 and 2 are incorrect. LIBOR is a benchmark interest rate at which major global banks lend to one another in the international interbank market for short-term loans. LIBOR is based on five currencies including the U.S. dollar, the euro, the British pound, the Japanese yen, and the Swiss franc, and serves seven different maturities.

Statement 3 is correct. The Secured Overnight Financing Rate (SOFR) is a benchmark interest rate for dollar-denominated derivatives and loans that is replacing the London Interbank Offered Rate (LIBOR).

Source: [ForumIAS](#)

Q.2) With reference to the World Energy Investment Report 2023, consider the following statements:

1. Investments in clean energy have surpassed investments in fossil fuels.
2. Over 90% of the surge in clean energy investment has been done by the developing economies.

Select the correct answer form the code given below:

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

Answer: A

Explanation –

Statement 1 is correct. As per the World Energy Investment Report 2023, Investments in clean energy have surpassed investments in fossil fuels.

Statement 2 is incorrect. Over 90% of the surge in clean energy investment since 2021 has been concentrated in advanced economies and China.

Source: [ForumIAS](#)

10 PM Compilation for the Month of May [Fifth Week] 2023

Q.3) Consider the following statements:

1. Australia has become the first country in the world to impose a ban on short-haul domestic flights.
2. Air transport, globally, accounts for just about 2% of global carbon dioxide emissions every year, and less than two percent of greenhouse gas emissions.
3. Source country is held responsible for the emissions produced by airlines operating international flights.

Which of the statements given above is/are correct?

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

Answer: B

Explanation –

Statement 1 and 3 are incorrect. France has become the first country in the world to impose a ban on short-haul domestic flights. No nation is responsible for the emissions produced by airlines operating international flights.

Statement 2 is correct. Air transport, globally, accounts for just about 2% of global carbon dioxide emissions every year, and less than two percent of greenhouse gas emissions.

Source: [ForumIAS](#)

Q.4) Which of the following statement is correct regarding “Spear Phishing”?

- a) It uses deceptive email messages especially targeting high-level decision makers within an organization, such as CEOs and CFOs.
- b) It uses a phone call or voicemail to prompt users to expose private information.
- c) It is an advanced form of social engineering in which the attacker creates a fake website and then tricks the DNS server into redirecting their targets to this website.
- d) It is an email or electronic communications scam targeted towards a specific individual, organization or business.

Answer: D

Explanation – Spear Phishing is an email or electronic communications scam targeted towards a specific individual, organization or business.

Source: [ForumIAS](#)

Q.5) Consider the following statements:

1. All judges of the Supreme Court are equal in terms of their judicial powers.
2. In the Bench which includes the Chief Justice of India (CJI), the vote or power given to the CJI is more than that of his companion judges.
3. The U.S. has a system where all the judges collectively exercise power and render decisions.

Which of the statements given above are correct?

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

Answer: C

Explanation –

10 PM Compilation for the Month of May [Fifth Week] 2023

Statements 1 and 3 are correct. All judges of the Supreme Court are equal in terms of their judicial powers. The U.S. has a system where all the judges collectively exercise power and render decisions.

Statement 2 is incorrect. In the Bench which includes the Chief Justice of India (CJI), the vote or power given to the CJI is same as that of his companion judges.

Source: [ForumIAS](#)

Q.6) With reference to Lightweight Payment and Settlement System (LPSS) consider the following statements:

1. The payment system ensures that the processing of transactions continues even at the times of global economic crisis.
2. The LPSS will operate independently of existing payment systems like RTGS, NEFT, and UPI.

Select the correct answer from the code given below:

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

Answer: B

Explanation –

Statement 1 is incorrect. LPSS aims to ensure that the processing of transactions continues without disruption during catastrophic events such as natural calamities and war. This system can be operated from anywhere by a bare minimum of staff.

Statement 2 is correct. The LPSS will operate independently of existing payment systems like RTGS, NEFT, and UPI.

Source: [ForumIAS](#)

Q.7) Consider the following statements:

1. Rare earth permanent magnets are used in electronics.
2. A rare earth permanent magnet has nearly 30 percent of rare earth metals by weight.

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

Answer: C

Explanation –

Statement 1 and 2 are correct. Rare earth permanent magnets have a wide-range applications in electronics, automobiles, the military, etc. These are also used in new technologies like hypersonic weapons and directed energy systems. A rare earth permanent magnet has nearly 30 percent of rare earth metals by weight.

Source: [ForumIAS](#)

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Q.8) The government has recently released a special commemorative Rs 75 coin during the inauguration of the new parliament building. With reference to this coin, consider the following statements:

1. One side of the coin of the will bear the image of old Parliament building while the other side has image of Mahatma Gandhi.
2. Bharat and India will be written in English and Devanagari script on the coin.
3. The coin is a legal tender.

Which of the statements given above is/are correct?

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

Answer: B

Explanation –

Statement 1 and 3 are incorrect. The Rs 75 coin will have the image of the new Parliament building with Sansad Sankul written in the Devanagari script, and on the lower periphery, "Parliament Complex" will be written in English on one side and the other side will have Lion Capital and the phrase Satyamev Jayate will be written. The coin is meant for commemorative purpose therefore, it is not a legal tender.

Statement 2 is correct. The coin will also have Bharat and India will be written in English and Devanagari script.

Source: [DNA](#)

Q.9) With reference to the species “Axolotl” consider the following statements:

1. These are amphibians that spend their whole lives underwater.
2. They exist in the wild in only one place.
3. They have the ability to regenerate lost body parts.
4. Its IUCN status is Near Threatened.

How many of the statements given above are correct?

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

Answer: C

Explanation –

Statement 1, 2 and 3 are correct. Axolotl are amphibians that spend their whole lives underwater. They exist in the wild in only one place. They have the ability to regenerate lost body parts.

Statement 4 is incorrect. Its IUCN status is Critically Endangered.

Source: [ForumIAS](#)

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Q.10) With reference to “SAMARTH” campaign, consider the following statements:

1. It is a campaign to promote Digital Transactions in all Gram Panchayats.
2. Its aim is to empower rural communities by enabling them to participate in the digital economy and access the benefits of digital transactions.

Select the correct statements using the codes given below:

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

Answer: B

Explanation –

Statement 1 is incorrect. SAMARTH campaign is a campaign to Promote Digital Transactions in 50000 Gram Panchayats.

Statement 2 is correct. Its aim is to empower rural communities by enabling them to participate in the digital economy and access the benefits of digital transactions.

Source: [ForumIAS](#)

PRELIMS

Q.1) Consider the following statements:

1. A person having no bank account can send funds through National Electronic Funds Transfer (NEFT).
2. The National Electronic Funds Transfer method does not have a minimum transfer limit ceiling.
3. The Real Time Gross Settlement (RTGS) method is used for low transaction value.

How many of the above statements are correct?

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

Answer: B

Explanation –

Statement 1 and 2 are correct. A person having no bank account can send funds through NEFT. Such a person will have to deposit cash at the nearest NEFT enabled branch of any bank. The transfer can be done to a beneficiary having a bank account with another NEFT enabled bank. The National Electronic Funds Transfer method does not have a minimum transfer limit ceiling.

Statement 3 is incorrect. RTGS method is used for high transaction value. The minimum limit for RTGS transaction is Rs 2 lakhs.

Source: [ORF](#)

Q.2) With reference to “Foucault's pendulum” consider the following statements:

1. The period of rotation of the pendulum depends on the latitude of the pendulum and the length of the pendulum.
2. The pendulum works on the principle of conservation of linear momentum.
3. The longest Foucault pendulum in the world is located in the National Museum of Natural History in Paris.

Which of the statements given above are correct?

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

Answer: C

Explanation –

Statement 1 and 3 are correct. The period of rotation of the Foucault pendulum depends on the latitude of the pendulum and the length of the pendulum. The longest Foucault pendulum in the world is located in the National Museum of Natural History in Paris.

Statement 2 is incorrect. The pendulum works on the principle of conservation of angular momentum.

Source: [India Today](#)

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Q.3) Consider the following statements:

1. Tsunamis are large ocean waves that are usually caused by underwater earthquakes, volcanic eruptions, or landslides.
2. The phenomenon of occurrence of the tidal wave is associated with the tsunamis.

Select the correct answer from the code given below:

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

Answer: A

Explanation –

Statement 1 is correct. Tsunamis are large ocean waves that are usually caused by underwater earthquakes, volcanic eruptions, or landslides.

Statement 2 is incorrect. A tsunami and a tidal wave are two different and unrelated phenomena. A tidal wave is a shallow water wave caused by the gravitational interactions between the Sun, Moon, and Earth. A tsunami is an ocean wave triggered by large earthquakes that occur near or under the ocean.

Source: [India Today](#)

Q.4) With reference to Chytridiomycosis (chytrid), consider the following statements:

1. It is a single-celled fungus that enters a skin cell, multiplies, and then breaks back out onto the surface of the animal.
2. This disease is killing frogs worldwide.
3. Asia leads the world in chytrid research.

Which of the statements given above are correct?

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

Answer: A

Explanation –

Statement 1 and 2 are correct. Chytridiomycosis is a single-celled fungus that enters a skin cell, multiplies, and then breaks back out onto the surface of the animal. This disease is killing frogs worldwide.

Statement 3 is incorrect. Asia is lagging behind the rest of the world in chytrid research.

Source: [ForumIAS](#)

Q.5) Which of the following statements is incorrect regard the Babool tree?

- a) Its seed oil can be an alternative to chemicals for controlling major farm pests.
- b) Its pods have antibacterial properties and are effective against gram-positive bacteria.
- c) Babool helps in the reclamation of degraded areas by fixing nitrogen and acting as a windbreak.
- d) Babool tree mostly occurs in polar climatic region.

Answer: D

Explanation – Babool tree mostly occurs in tropical and subtropical regions.

Source: [ForumIAS](#)

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Q.6) With reference to City Investments to Innovate, Integrate and Sustain 2.0 (CITIIS 2.0), consider the following statements:

1. It aims to support competitively selected projects, promoting circular economy with focus on integrated waste management at the city level, climate-oriented reform actions at the State level, and institutional strengthening and knowledge dissemination at the National level.
2. CITIIS 2.0 will contribute positively to India's Intended Nationally Determined Contributions (INDCs) and Conference of the Parties (COP26) commitments.
3. The program will run for a period of five years.

Which of the statements given above are correct?

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

Answer: A

Explanation –

Statement 1 and 2 are correct. CITIIS 2.0 aims to support competitively selected projects, promoting circular economy with focus on integrated waste management at the city level, climate-oriented reform actions at the State level, and institutional strengthening and knowledge dissemination at the National level. CITIIS 2.0 will contribute positively to India's Intended Nationally Determined Contributions (INDCs) and Conference of the Parties (COP26) commitments.

Statement 3 is incorrect. The program will run for a period of four years, i.e., from 2023 till 2027.

Source: [ForumIAS](https://forumias.com)

Q.7) With reference to National Electricity Plan (NEP) 2022-32, consider the following statements:

1. The average emission factor is expected to increase by the end of 2031-32.
2. The share of non-fossil-based capacity is likely to increase by the end of 2031-32.

Select the correct answer from the code given below:

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

Answer: B

Explanation –

Statement 1 is incorrect. As per the National Electricity Plan (NEP) 2022-32, the average emission factor is expected to reduce by the end of 2031-32.

Statement 2 is correct. As per the National Electricity Plan (NEP) 2022-32, the share of non-fossil-based capacity is likely to increase by 68.4% by the end of 2031-32.

Source: [ForumIAS](https://forumias.com)

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Q.8) With reference to graphene, which of the following statement is incorrect?

- It is impermeable to gases.
- Graphene composites are used in aerospace.
- It is heavier than steel.
- Graphene oxide membranes are used for water purification and desalination.

Answer: C

Explanation – Graphene is 200 times stronger than steel but six times lighter.

Source: [ForumIAS](#)

Q.9) Consider the following statements:

- Cosmic dust particles contribute to the formation of stars and planetary systems by providing material for accretion.
- 2I/Borisov was the first interstellar comet to be observed and studied by mankind.
- Cosmic dust particles are same as the dust found on Earth.

Which of the statements given above are correct?

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

Answer: A

Explanation –

Statements 1 and 2 are correct. Cosmic dust particles contribute to the formation of stars and planetary systems by providing material for accretion. 2I/Borisov was the first interstellar comet to be observed and studied by mankind.

Statement 3 is incorrect. Cosmic dust particles are not the same as the dust found in our house but it is more like smoke with small particles varying from collections of just a few molecules to grains of 0.1 mm in size.

Source: [ForumIAS](#)

Q.10) With reference to “Cheetah Project Steering Committee” consider the following statements:

- The committee is mandated to decide on opening up the cheetah habitat for eco-tourism.
- The committee will be in force for four years and will convene at least two meetings every month.
- The committee will suggest regulations and ways to involve the local community in the project activities.

Which of the statements given above are correct?

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

Answer: C

Explanation –

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Statement 1 and 3 are correct. Cheetah Project Steering Committee is mandated to decide on opening up the cheetah habitat for eco-tourism. The committee will suggest regulations and ways to involve the local community in the project activities.

Statement 2 is incorrect. The committee will be in force for two years and will convene at least one meeting every month.

Source: [ForumIAS](#)



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PRELIMS

Q.1) Which of the following is symbolized by the Nandi Bull present at the top of Sengol?

- a) Peace and prosperity
- b) Justice and strength
- c) Liberty and affection
- d) Mindfulness

Answer: B

Explanation – Nandi Bull at the top of Sengol symbolizes justice and strength.

Source: [ForumIAS](#)

Q.2) Consider the following statements:

- 1. Every member of the Parliament takes an oath under the Fourth Schedule of the Constitution.
- 2. A money bill needs approval only in the Lok Sabha and the Rajya Sabha has a limited, recommendatory role.

Select the correct statements using the codes given below:

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

Answer: B

Explanation –

Statement 1 is incorrect. Every member of the Parliament takes an oath under the Third Schedule of the Constitution.

Statement 2 is correct. A money bill needs approval only in the Lok Sabha and the Rajya Sabha has a limited, recommendatory role.

Source: [ForumIAS](#)

Q.3) Consider the following statements:

- 1. At present, India's energy efficiency has declined.
- 2. A carbon tax can help in raising revenue for the government.
- 3. Improvements in energy efficiency are critical to reduce emissions.

Which of the statements given above are correct?

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

Answer: B

Explanation –

Statement 1 is incorrect. At present, India's energy efficiency has been improving at 2.3% per annum over the last 10 years.

Statement 2 and 3 are correct. A carbon tax can help in raising revenue for the government. Improvements in energy efficiency are critical to reduce emissions.

Source: [ForumIAS](#)

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Q.4) With reference to Biodiversity, consider the following statements:

1. Biodiversity is everywhere.
2. Biodiversity helps in mitigation of climate change.
3. Biodiversity is a concept that only applies to large-scale ecosystems like rainforests and coral reefs.

How many of the above statements are correct?

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

Answer: B

Explanation –

Statement 1 and 2 are correct. Biodiversity is everywhere. It is inside our bodies, in villages, towns, and cities, and in well-organised ecological communities and ecosystems. Biodiversity helps in mitigation of climate change.

Statement 3 is incorrect. Biodiversity is a fundamental concept that applies to ecosystems of all sizes, from the vast rainforests to small urban gardens.

Source: [ForumIAS](#)

Q.5) Consider the following statements with reference to the Vande Bharat Trains:

1. These are self-propelled train that doesn't require an engine.
2. The Vande Bharat trains are manufactured in Germany.
3. The train has GPS-based passenger information system.

Which of the statements given above are correct?

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

Answer: C

Explanation –

Statement 1 and 3 are correct. Vande Bharat Trains are self-propelled train that doesn't require an engine. The train has GPS-based passenger information system.

Statement 2 is incorrect. Vande Bharat Trains are manufactured in India.

Source: [ForumIAS](#)

Q.6) Consider the following statements:

1. Formation water is caused by the distillation and filtration process of heavy manufacturing industries.
2. Formation water poses significant threat for the marine environment.

Select the correct answer from the code given below:

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

Answer: B

Explanation –

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Statement 1 is incorrect. Formation water is disposed in huge volumes during crude oil excavation and processing. It consists of oily components, brine solutions, and solvents that are used during various phases in the oil industry.

Statement 2 is correct. Formation water is usually drained off and reaches the rivers and streams, ultimately deteriorating the water quality and threatening the existing aquatic life.

Source: [ForumIAS](#)

Q.7) Consider the following statements:

1. Evergreening of loans is a standard and legitimate practice in the banking industry, aimed at providing borrowers with flexible repayment options and assisting them in managing their financial obligations effectively.
2. Evergreening of loans can help banks to attract businesses and investments.

Select the correct answer form the code given below:

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

Answer: B

Explanation –

Statement 1 is incorrect. Evergreening of loan refers to giving a fresh loan to a borrower to pay up an old loan. It is a practice that is done to save the previous loan from defaulting, so that it does not appear as a non-performing asset (NPA) on a bank's books.

Statement 2 is correct. Evergreening of loans are done by banks to attract businesses and investments.

Source: [ForumIAS](#)

Q.8) With reference to Electronics Repair Services Outsourcing (ERSO) initiative, consider the following statements:

1. The pilot project of the initiative is being held in Bengaluru and will be run for three months.
2. The Ministry of Commerce and Industry is the Nodal Ministry for implementing the initiative.
3. The aim of the initiative is to validate certain transformational policy and process changes to make India the Repair Capital of the World.

Which of the statements given above are correct?

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

Answer: C

Explanation –

Statement 1 and 3 are correct. The pilot project of ERSO initiative is being held in Bengaluru and will be run for three months. The aim of the initiative is to validate certain transformational policy and process changes to make India the Repair Capital of the World.

Statement 2 is incorrect. Ministry of Electronics & IT is the Nodal Ministry for implementing the initiative.

Source: [ForumIAS](#)

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Q.9) Consider the following statements:

1. The total number of populations of BRICS nation is less than that of ASEAN countries.
2. The combined population density of ASEAN countries is more than of the BRICS countries.

Select the correct answer from the code given below:

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

Answer: B

Explanation –

Statement 1 is incorrect. The total number of populations of BRICS nation (3.2 billion) is more than that of ASEAN countries (680.1 million).

Statement 2 is correct. The combined population density of ASEAN countries (154 per km sq.) is more than of the BRICS countries (83 per km sq.).

Source: [ForumIAS](#)

Q.10) Consider the following statements:

1. India has the lowest per capita emissions among major economies.
2. Under the Kyoto Protocol, carbon markets have worked at the international level.
3. A carbon market allows investors and corporations to trade both carbon credits and carbon offsets simultaneously.

Which of the statements given above are correct?

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

Answer: D

Explanation –

Statements 1, 2 and 3 are correct. India, despite having 17% of the global population, has the lowest per capita emissions among major economies, accounting only 5% of the global total emissions. Under the Kyoto Protocol, carbon markets have worked at the international level. A carbon market allows investors and corporations to trade both carbon credits and carbon offsets simultaneously.

Source: [ForumIAS](#)