

## *10 PM Current Affairs Quiz Compilation*

**22<sup>nd</sup> to 27<sup>th</sup> May, 2023**

**PRELIMS**

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**Q.1) With reference to “Green Deposits” consider the following statements:**

1. A green deposit is a fixed-term deposit for investors looking to invest their surplus cash reserves in environmentally friendly projects.
2. It is a non-interest-bearing deposit.
3. Proceeds from green deposits cannot be used for non-environment friendly projects.

**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. A green deposit is a fixed-term deposit for investors looking to invest their surplus cash reserves in environmentally friendly projects. Proceeds from green deposits cannot be used for non-environment friendly projects.

**Statement 2** is incorrect. Green deposits provide the interest to the investors in return.

**Source:** [ForumIAS](#)

**Q.2) Consider the following statements:**

1. It is an annual festival celebrated in the Dakshina Kannada district of Karnataka.
2. The festival involves the traditional buffalo race.
3. The festival is generally held from November to March.

**Which of the following festival is described above?**

- a) Kambala Festival
- b) Hampi Festival
- c) Karaga Festival
- d) Gowri Festival

**Answer: A**

**Explanation –** Kambala is an annual festival celebrated in the Dakshina Kannada district of Karnataka. The festival involves the traditional buffalo race generally held from November to March.

**Source:** [ForumIAS](#)

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

**Q.3) With reference to Lumpy Skin Disease (LSD) consider the following statements:**

1. It is a zoonotic disease.
2. LSD affects the lymph nodes of the infected animal causing the nodes to enlarge and appear like lumps on the skin.
3. The Lumpy Skin Disease Virus shares antigenic similarities with the sheep pox virus.

**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. LSD is not a zoonotic virus, meaning the disease cannot spread to humans.

**Statement 2 and 3** are correct. LSD affects the lymph nodes of the infected animal causing the nodes to enlarge and appear like lumps on the skin. The Lumpy Skin Disease Virus shares antigenic similarities with the sheep pox virus.

**Source:** [ForumIAS](#)

**Q.4) Consider the following statements:**

1. Greenwashing refers to companies purposely keeping quiet about their sustainability goals, even if they are well-intentioned, for fear of being labeled green washers.
2. Global Financial Innovation Network (GFIN) seeks to provide a more efficient way for innovative firms to interact with regulators, helping them navigate between countries as they look to scale new ideas.

**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. Greenwashing is the process of conveying a false impression or misleading information about how a company's products are environmentally sound.

**Statement 2** is correct. GFIN seeks to provide a more efficient way for innovative firms to interact with regulators, helping them navigate between countries as they look to scale new ideas.

**Source:** [ForumIAS](#)

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

**Q.5) Consider the following statements with respect to “Jallikattu”:**

1. It is a traditional sport that is popular in the Andhra Pradesh.
2. It is celebrated during the Pongal festival.
3. It is a sport in which men compete with one another to maintain control of the humps of agitated bulls that are released in an open arena.

**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: C**

**Explanation –**

**Statement 1** is incorrect. Jallikattu is a traditional sport that is popular in the Tamil Nadu.

**Statement 2 and 3** are correct. Jallikattu is celebrated during the Pongal festival. It is a sport in which men compete with one another to maintain control of the humps of agitated bulls that are released in an open arena.

**Source:** [ForumIAS](#)

**Q.6) With reference to Group of Seven (G7) countries consider the following statements:**

1. It is a formal grouping of seven developing economies of the world.
2. The European Union is not part of the rotating annual presidency of the G7.
3. The G7 is a forum designed for frank and open discussion between leaders, ministers and policy-makers.

**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. The G7 is an informal grouping of seven of the world’s advanced economies.

**Statement 2 and 3** are correct. The European Union (EU) is a non-enumerated member of the G7 and is not a part of the rotating annual presidency. The G7 is a forum designed for frank and open discussion between leaders, ministers and policy-makers.

**Source:** [ForumIAS](#)

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

**Q.7) With reference to Logistics Performance Index, 2023 consider the following statements:**

1. The index is published by the International Monetary Fund (IMF).
2. The rank of India has dropped in the index.
3. The ability to track consignments is one of the components used by the Logistics Performance Index.

**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: D**

**Explanation –**

**Statement 1 and 2** are incorrect. Logistics Performance Index is released by the World Bank. India has been ranked 38 out of 139 countries, climbing six places from the previous index.

**Statement 3** is correct. The ability to track consignments is one of the components used in the Logistics Performance Index.

**Source:** [ForumIAS](#)

**Q.8) Consider the following statements:**

1. Maldives has the best customs efficiency in the world.
2. World Bank's Ease of Doing Business was based on the idea that less regulation is always better.

**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. Singapore has the best customs efficiency in the world.

**Statement 2** is correct. World Bank's Ease of Doing Business was based on the idea that less regulation is always better. This index has been discontinued by the World Bank.

**Source:** [ForumIAS](#)

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

### Q.9) Consider the following statements:

1. Freedom of speech is the bulwark of democracy and is regarded as the first in the hierarchy of liberties.
2. The Constitution ensures every citizen the right to equality with the right against discrimination on any ground including sex and sexual orientation.

**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: C**

**Explanation –**

**Statement 1 and 2** are correct. Freedom of speech is the bulwark of democracy and is regarded as the first in the hierarchy of liberties. The Constitution ensures every citizen the right to equality with the right against discrimination on any ground including sex and sexual orientation.

**Source:** [ForumIAS](#)

### Q.10) Consider the following statements:

1. Tiger translocation is needed when certain regions experience a significant decline in their tiger populations due to reasons like poaching, habitat loss, and human-animal conflict.
2. Tiger translocation can create imbalance in the ecosystem.

**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: A**

**Explanation –**

**Statement 1** is correct. Tiger translocation is needed when certain regions experience a significant decline in their tiger populations due to reasons like poaching, habitat loss, and human-animal conflict.

**Statement 2** is incorrect. Tiger translocation can maintain balance in the ecosystem because tiger relocation is only done from the places which has high tiger population to the places which has lower population. This can help in maintaining the balance in the ecosystem as they are the apex predators.

**Source:** [ForumIAS](#)



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

### PRELIMS

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**Q.1) The President of India has Promulgated the Government of National Capital Territory of Delhi (Amendment) Ordinance, 2023. With reference to this ordinance consider the following statements:**

1. The Ordinance creates a new statutory authority called the National Capital Civil Service Authority (NCCSA).
2. NCCSA will be headed by the Lieutenant Governor of Delhi.
3. The NCCSA will make recommendations to LG regarding transfer posting, vigilance and other incidental matters.

**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 Ordinance creates a new statutory authority the National Capital Civil Service Authority (NCCSA). The NCCSA will make recommendations to the LG regarding transfer posting, vigilance and other incidental matters.

**Statement 2** is incorrect. The NCCSA will be headed by the elected Chief Minister of Delhi in addition to the Chief Secretary and the Principal Secretary of the Home Department.

**Source:** [ForumIAS](#)

**Q.2) With reference to the Sendai Framework for Disaster Risk Reduction, consider the following statements:**

1. It recognizes that the State has the primary role to reduce disaster risk but that responsibility should be shared with other stakeholders including local government, the private sector and other stakeholders.
2. It is the successor to the Hyogo Framework for Action (HFA).

**Select the correct statement using the codes given below:**

- 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. Sendai Framework for Disaster Risk Reduction recognizes that the State has the primary role to reduce disaster risk but that responsibility should be shared with other stakeholders including local government, the private sector and other stakeholders. It is the successor to the Hyogo Framework for Action (HFA) 2005-2015.

**Source:** [ForumIAS](#)

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

### Q.3) Consider the following statements:

1. Arsenic is a natural component of the earth's crust and is widely distributed throughout the environment.
2. Arsenic is less toxic in its inorganic form.
3. People are exposed to high levels of inorganic arsenic through drinking contaminated water.

**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. Arsenic is a natural component of the earth's crust and is widely distributed throughout the environment. People are exposed to elevated levels of inorganic arsenic through drinking contaminated water.

**Statement 2** is incorrect. Arsenic is highly toxic in its inorganic form.

**Source:** [ForumIAS](#)

### Q.4) In which of the following judgment, the Supreme Court held the Right to Privacy as a fundamental right?

- a) Navtej Singh Johar & Other vs Union of India
- b) K.S. Puttaswamy vs Union of India
- c) Cardinal Mar George Alencherry vs State of Kerala
- d) Madhyamam Broadcasting Ltd. vs Union of India

**Answer: B**

**Explanation –** The SC in K.S. Puttaswamy vs Union of India held the Right to Privacy as a fundamental right.

**Source:** [ForumIAS](#)

### Q.5) With reference to Voluntary Local Review (VLR) consider the following statements:

1. Bangalore has become the first city in India to released its Voluntary Local Review (VLR).
2. A VLR can only be initiated by a local government.
3. VLR highlights areas that a city need improvement, like provisioning of adequate shelter.

**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: D**

**Explanation –**

**Statement 1 and 2** are incorrect. Bhopal has become the first city in India to released its Voluntary Local Review (VLR). A VLR does not necessarily have to be initiated by a local government. It can be carried out by any city-level stakeholder within the framework of Agenda 2030.



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**Statement 3** is correct. VLR highlights areas that need improvement, like provisioning of adequate shelter, air pollution, city planning capacity, and even distribution of open spaces.

**Source:** [ForumIAS](#)

**Q.6) With reference to Navigation with Indian Constellation (NavIC) satellite, consider the following statements:**

1. It is a constellation of seven satellites that work with a 24\*7 network of ground stations while orbiting above Earth in a geostationary orbit.
2. NavIC system operates in the L1 band while GPS operates in the L5 band.
3. NavIC offers Standard Position Service (SPS) as well as Restricted Service (RS).

**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. NavIC is a constellation of seven satellites that work with a 24\*7 network of ground stations while orbiting above Earth in a geostationary orbit. NavIC offers two services: Standard Position Service (SPS) for civilian users and Restricted Service (RS) for strategic users, including the military.

**Statement 2** is incorrect. The NavIC system operates in the L5 band, which is a protected frequency specifically assigned to the Indian system whereas GPS operates in the L1 band.

**Source:** [India Today](#)

**Q.7) With reference to ‘El Nino’ consider the following statements:**

1. El Nino is a weather phenomenon that occurs when ocean temperatures in the central and eastern Pacific Oceans falls below normal.
2. During El Nino, the trade winds that blow from east to west weaken, allowing the warm surface waters to move eastward and accumulate in the central and eastern Pacific.

**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. El Nino is a weather phenomenon that occurs when ocean temperatures in the central and eastern Pacific Oceans rise above normal.

**Statement 2** is correct. During El Nino, the trade winds that blow from east to west weaken, allowing the warm surface waters to move eastward and accumulate in the central and eastern Pacific.

**Source:** [India Today](#)

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

### Q.8) Consider the following statements with respect to 'Narco Test':

1. Narco Test is known as the Truth Serum test.
2. It is same as the polygraph test.
3. A person confession or result under the narco test can be used as evidences in the courts.

**Which of the statements given above is/are correct?**

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

**Answer: A**

**Explanation –**

**Statement 1** is correct. Narco Test is known as the Truth Serum test.

**Statement 2 and 3** are incorrect. Narco Test is different from the polygraph test. As per a Supreme Court ruling, results of such tests cannot be considered “confessions”. As per the Indian Evidence Act of 1871, results of such tests are not admissible as evidence in Indian courts. However, information or material uncovered as a result of such a test can be admitted as evidence.

**Source:** [DNA](#)

### Q.9) Consider the following statements:

1. As per the Wildlife Protection Act (WLPA), there are four Protected Areas (PAs) categories with varying governance structures.
2. Critical Wildlife Habitats (CWH) are areas within national parks and sanctuaries that have been established through scientific and objective criteria that needs to be kept inviolate for the purpose of wildlife conservation.

**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. There five Protect Areas under the Wildlife Protection Act (WLPA) – National Parks (NP), Wildlife Sanctuaries (WLS), Conservation Reserves, Community Reserves, and Tiger Reserves (TR).

**Statement 2** is correct. CWH are areas within national parks and sanctuaries that have been established through scientific and objective criteria that needs to be kept inviolate for the purpose of wildlife conservation.

**Source:** [ORF](#)

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

### Q.10) Consider the following statements:

1. India has brought 22 percent of its terrestrial area and 5 percent of its marine and coastal areas under the Protected Area Network.
2. Galathea Bay Sanctuary is present in Kerala.
3. Other Effective Area-Based Conservation Measures (OECMs) are geographically defined area other than a protected area, which is governed and managed in ways that achieve positive and sustained long-term outcomes for the in-situ conservation of biodiversity.

### 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. India has reported that it has effectively brought 22 percent of its terrestrial area and 5 percent of its marine and coastal areas under the Protected Area Network. OECMs are geographically defined area other than a protected area, which is governed and managed in ways that achieve positive and sustained long-term outcomes for the in-situ conservation of biodiversity.

**Statement 2** is incorrect. Galathea Bay Sanctuary is present in the Andaman and Nicobar Islands and form a part of the Important Marine Protected Areas of India.

**Source:** [ORF](#)

PRELIMS

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**Q.1) With reference to “Ganga Prahari Initiative” consider the following statements:**

1. The aim of the initiative is to establish a motivated cadre of “Ganga Prahari” to support the local level institutions and monitor the quality of the natural resources of the river by mobilizing local communities at the grassroots level.
2. Ganga Prahari are motivated and trained volunteers from among the local communities working for biodiversity conservation and cleanliness of the Ganga River.
3. Ganga Prahari have been selected by a screening test conducted at the places nearby the river Ganga and also based on their prior experience in conserving the natural environment.

**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 –**

**Statements 1 and 2** are correct. The aim of the initiative is to establish a motivated cadre of “Ganga Prahari” to support the local level institutions and monitor the quality of the natural resources of the river by mobilizing local communities at the grassroots level. Ganga Prahari are motivated and trained volunteers from among the local communities working for biodiversity conservation and cleanliness of the Ganga River.

**Statement 3** is incorrect. Ganga Prahari have been identified through a series of site level consultative meetings and workshops held in villages located on the bank of the Ganga River and its select tributaries. The primary criterion for identification is their passion and zeal to serve the river and to maintain its integrity in terms of cleanliness and biodiversity value

**Source:** [ForumIAS](#)

**Q.2) With reference to the International Pathogen Surveillance Network (IPSN) consider the following statements:**

1. It facilitates the development of regional surveillance networks and, ultimately, a global early warning system to protect against pandemics.
2. It is hosted by the WHO Hub for Pandemic and Epidemic Intelligence.

**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. IPSN is a global network to help protect people from infectious disease threats through the power of pathogen genomics. Its goal is to detect and respond to disease threats before they become epidemics and pandemics and to optimize routine disease surveillance.

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**Statement 2** is incorrect. IPSN is hosted by the WHO Hub for Pandemic and Epidemic Intelligence.

**Source:** [ForumIAS](#)

**Q.3) Consider the following statements:**

1. There are random temperature fluctuations that lead to refractive index fluctuations when the sunlight passes through the Earth's atmosphere.
2. The Earth's atmosphere is a homogenous medium through which the Sun light passes.

**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: A**

**Explanation -**

**Statement 1** is correct. There are random temperature fluctuations that lead to refractive index fluctuations when the sunlight passes through the Earth's atmosphere.

**Statement 2** is incorrect. The Earth's atmosphere is not a homogenous medium through which the Sun light passes.

**Source:** [ForumIAS](#)

**Q.4) The Reserve Bank of India (RBI) has decided to withdraw ₹2,000 notes from circulation. In this context, consider the following statements:**

1. The withdrawal will create huge disruption in the economic activities.
2. It will decrease banks' deposit base and liquidity in the money markets.
3. No requisition form and identity proof are required to exchange Rs 2,000 notes.

**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: D**

**Explanation -**

**Statements 1 and 2** are incorrect. This withdrawal will not create any big disruption as the increased adoption of digital transactions and the availability of 100- and 500-rupee denominations will help minimize disruptions. This decision could boost banks' deposit base and liquidity in the money markets by anywhere between ₹40,000 crore to ₹1.1 lakh crore, even if just about a third of 2000 rupees notes are flushed out by the exercise.

Statement 3 is correct. State Bank of India (SBI) has clarified that no requisition form and identity proof are required to exchange Rs 2,000 notes. This means any member of the public can exchange Rs 2,000 notes across the counter in any branch without any identity proof or slip.

**Source:** [ForumIAS](#)



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

### Q.5) Consider the following statements:

1. The U.K. has been the leading country in the world to have reduced salt consumption in the population.
2. A high-salt diet over a period of time can silently damage many of our organs and body functions.
3. India does not have a national policy to reduce sodium (salt) intake.

### 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 –

**Statement 1, 2 and 3** are correct. The U.K. has been the leading country in the world to have reduced salt consumption in the population. A high-salt diet over a period of time can silently damage many of our organs and body functions. India does not have a national policy but it does have voluntary measures to reduce sodium (salt). Sodium labelling is also not mandatory in India so far.

**Source:** [ForumIAS](#)

### Q.6) With reference to the “FAME Scheme” consider the following statements:

1. The aim of the scheme is to provide subsidized solar panel for installation at homes.
2. The scheme is a part of the National Electric Mobility Mission Plan.
3. This scheme also aims to establish a solar charging infrastructure.

### Which of the statements given above is/are correct?

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

**Answer: B**

### Explanation –

**Statement 1 and 3** are incorrect. The main objectives of the scheme are a) encourage faster adoption of Electric and hybrid vehicle by way of offering upfront Incentive on purchase of Electric vehicles and b) establish necessary charging Infrastructure for electric vehicles.

**Statement 2** is correct. The scheme is a part of the National Electric Mobility Mission Plan.

**Source:** [ForumIAS](#)



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

**Q.7) With reference to Liberalised Remittance Scheme (LRS) consider the following statements:**

1. It is a scheme that enables Indian residents to remit funds abroad for certain specified purposes.
2. The scheme also aims to promote and encourage non-residents to invest in India and promote outward remittances from India.
3. In order to avail the benefit of the LRS, the individual need not be an Indian resident.

**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. LRS is a scheme that enables Indian residents to remit funds abroad for certain specified purposes. The scheme also aims to promote and encourage non-residents to invest in India and promote outward remittances from India.

**Statement 3** is incorrect. In order to avail the benefit of the LRS, the individual must be an Indian resident as defined under the Foreign Exchange Management Act (FEMA).

**Source:** [ForumIAS](#)

**Q.8) Which of the following statements describe the term “Biomanufacturing”?**

- a) It is a synthetic substance that can be introduced to a living body as a medicinal device or replace bodily function or an organ.
- b) It is a peril to the human health system or environment emerging from any biological activity, with microorganisms.
- c) It is the generation of natural products through enzymatic reactions, as in cellular metabolism.
- d) It involves the use of living systems, especially microorganisms and cell cultures, to generate molecules and materials on a commercial scale.

**Answer: D**

**Explanation –** Biomanufacturing involves the use of living systems, especially microorganisms and cell cultures, to generate molecules and materials on a commercial scale.

**Source:** [ForumIAS](#)

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

### Q.9) Consider the following statements:

1. A loan loss provision is a cash reserve that banks set aside to cover losses incurred from defaulted loans.
2. Under Expected Credit Loss (ECL)-based loan loss provisioning framework, banks are mandated to forecast anticipated credit losses through forward-looking estimations, rather than waiting for credit losses to materialize before making corresponding provisions for those losses.
3. Excessive loan loss provision will significantly increase net interest income and increase overall operating profit.

### 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. A loan loss provision is a cash reserve that banks set aside to cover losses incurred from defaulted loans. Under Expected Credit Loss (ECL)-based loan loss provisioning framework, banks are mandated to forecast anticipated credit losses through forward-looking estimations, rather than waiting for credit losses to materialize before making corresponding provisions for those losses.

**Statement 3** is incorrect. Excessive loan loss provision will significantly reduce net interest income and reduce overall operating profit.

**Source:** [ForumIAS](#)

### Q.10) Consider the following statements:

1. Forest Development Corporations (FDCs) were established by states with the aim to raise industrial plantations of teak, eucalyptus, bamboo etc., to enhance the production of forest produce, to restore the productivity of degraded forest areas, etc.
2. Monoculture practice harms biodiversity in the long run while miscellaneous forests provide maximum food availability for wildlife in fruits, leaves and grass, and shrubby canopy throughout the year.

### 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: C**

### Explanation –

**Statement 1 and 2** are correct. FDCs were established by states with the aim to raise industrial plantations of teak, eucalyptus, bamboo etc., to enhance the production of forest produce, to restore the productivity of degraded forest areas, etc. Monoculture practice harms biodiversity in the long run while miscellaneous forests provide maximum food availability for wildlife in fruits, leaves and grass, and shrubby canopy throughout the year.

**Source:** [ForumIAS](#)

**PRELIMS**

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**Q.1) Consider the following statements:**

1. Genome sequencing is the process of determining the entirety, or nearly the entirety, of the DNA sequence of an organism's genome at a single time.
2. Reference genome represents all human diversity.

**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. Genome sequencing is the process of determining the entirety, or nearly the entirety, of the DNA sequence of an organism's genome at a single time.

**Statement 2** is incorrect. Reference genome was not representative of all human beings as it was built using mostly the genome of a single individual of mixed African and European ancestry.

**Source:** [ForumIAS](#)

**Q.2) Consider the following statements:**

1. Radiometric dating is a technique which is used to date materials such as rocks or carbon, in which trace radioactive impurities were selectively incorporated when they were formed.
2. Carbon-14 is an isotope of the element carbon that is stable and highly radioactive.

**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: A**

**Explanation –**

**Statement 1** is correct. Radiometric dating is a technique which is used to date materials such as rocks or carbon, in which trace radioactive impurities were selectively incorporated when they were formed.

**Statement 2** is incorrect. Carbon-14 – Radiocarbon (Carbon 14) is an isotope of the element carbon that is unstable and weakly radioactive.

**Source:** [ForumIAS](#)

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

### Q.3) Consider the following statements with respect to “Methane”:

1. Methane is responsible for around 30% of the rise in global temperatures since the Industrial Revolution.
2. Coal bed methane is the methane produced during the coal formation process, which gets trapped on the surface of the coal in tiny pores and fractures.
3. In India, there are no effective policies targeting methane emissions from rice cultivation and biomass burning.

#### 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 –

**Statement 1, 2 and 3** are correct. Methane is responsible for around 30% of the rise in global temperatures since the Industrial Revolution. Coal bed methane is the methane produced during the coal formation process, which gets trapped on the surface of the coal in tiny pores and fractures. In India, there are no effective policies targeting methane emissions from rice cultivation and biomass burning.

**Source:** [ForumIAS](#)

### Q.4) With reference to “Pangenome Map” consider the following statements:

1. The pangenome map is a graph unlike the earlier reference genome which was a linear sequence.
2. Short-read technologies have been employed to create complete and contiguous chromosome maps in the pangenome project.
3. The present pangenome map does not contain Indian genome sequences.

#### Which of the following statements given above is/are correct?

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

**Answer: D**

#### Explanation –

**Statement 1 and 3** are correct. The pangenome map is a graph unlike the earlier reference genome which was a linear sequence. The present pangenome map does not contain Indian genome sequences.

**Statement 2** is incorrect. Longer-read technologies have been employed to create complete and contiguous chromosome maps in the pangenome project.

**Source:** [ForumIAS](#)

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

**Q.5) Consider the following statements with respect to “PARAKH”:**

1. It has been set up as an organization under the University Grants Commission (UGC).
2. It has been launched as part of the implementation of the National Education Policy (NEP)-2020.
3. Its mandate is to act as a common platform for interaction of all concerned stakeholders in order to develop a holistic approach that ensures a fair assessment system which promotes equity in performance and equivalence in the assessment of students.

**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. PARAKH stands for Performance Assessment, Review, and Analysis of Knowledge for Holistic Development. It has been set up as an organization under NCERT.

**Statement 2 and 3** are correct. PARAKH has been launched as part of the implementation of the National Education Policy (NEP)-2020. Its mandate is to act as a common platform for interaction of all concerned stakeholders in order to develop a holistic approach that ensures a fair assessment system which promotes equity in performance and equivalence in the assessment of students.

**Source:** [ForumIAS](#)

**Q.6) With reference to Electronic Cigarettes Act 2019, consider the following statements:**

1. The act defines electronic cigarettes (e-cigarettes) as electronic devices that heat a substance, which may contain nicotine and other chemicals, to create vapour for inhalation.
2. The Act prohibits the production, manufacture, import, export, transport, sale, distribution and advertisement of e-cigarettes in India.
3. The Act permits individual to use any place for the storage of the stock of e-cigarettes.

**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. The act defines electronic cigarettes (e-cigarettes) as electronic devices that heat a substance, which may contain nicotine and other chemicals, to create vapour for inhalation. The Act prohibits the production, manufacture, import, export, transport, sale, distribution and advertisement of e-cigarettes in India.

**Statement 3** is incorrect. Under the act, no person is allowed to use any place for the storage of any stock of e-cigarettes.

**Source:** [ForumIAS](#)



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

### Q.7) Consider the following statements:

1. Calcium-41 is a rare long-lived radioisotope of calcium.
2. Calcium-41 is produced through cosmic ray interactions in the soil and is found in the Earth's crust.

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: C**

**Explanation-**

**Statement 1 and 2** are correct. Calcium-41 is a rare long-lived radioisotope of calcium. Calcium-41 is produced through cosmic ray interactions in the soil and is found in the Earth's crust.

**Source:** [ForumIAS](#)

### Q.8) Consider the following statements:

1. Decoupling from a nation refers to move businesses away from areas that are considered risky in terms of the returns they could generate.
2. De-risking means having resilient, effective supply chains and ensuring a nation is not subjected to the coercion of any other country.

Select the correct statement 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. Decoupling refers to the deliberate dismantling – and eventual re-creation elsewhere – of some of the sprawling cross-border supply chains that have defined globalization. In other words, decoupling is complete movement of a nation from the dependency of other nation in doing businesses.

**Statement 2** is correct. De-risking means having resilient, effective supply chains and ensuring a nation is not subjected to the coercion of any other country.

**Source:** [ForumIAS](#)



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

### Q.9) Consider the following statements:

1. Generative Artificial Intelligence (AI) with a substantial creative capacity will impact the employment levels in software and business-processing services.
2. AI provides a tool for less proficient workers to narrow the gap with more able ones.
3. Artificial intelligence (AI) can mitigate the effects of hacking, fake news, and fake voices.

**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. Generative Artificial Intelligence (AI) with a substantial creative capacity will impact the employment levels in software and business-processing services because the services they sell can easily be done by AI-based programmes. AI also provides a tool for less proficient workers to narrow the gap with more able ones.

**Statement 3** is incorrect. AI can deepen the impact of fake news, fake voices and hacking.

**Source:** [ForumIAS](#)

### Q.10) Consider the following statements:

1. Rural tourism allows visitors to experience and appreciate the rich, diverse cultural heritage that rural areas offer.
2. Rural tourism can generate income and employment for local communities.
3. Linking textile with tourism initiative aims to promote traditional industries and handicrafts in each district of India, thereby creating employment opportunities and preserving traditional crafts.

**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. Rural tourism allows visitors to experience and appreciate the rich, diverse cultural heritage that rural areas offer. Rural tourism can generate income and employment for local communities.

**Statement 3** is incorrect. Under Linking textile with tourism initiative, eight craft villages have been identified nationwide to encourage tourism and crafts in a single location, further contributing to the local economy.

**Source:** [ForumIAS](#)

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

### PRELIMS

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#### Q.1) With reference to ‘Ordinance’ consider the following statements:

1. Constitution gives the President of India powers to promulgate ordinances when Parliament is in session.
2. An Ordinance has the same force and effect as an Act of Parliament.
3. An Ordinance shall not be considered void if it makes a law that Parliament is not competent to enact under the Constitution.

#### Which of the statements given above is/are correct?

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

**Answer: C**

#### Explanation –

**Statement 1 and 3** are incorrect. Article 123 of the Constitution gives the President of India powers to promulgate ordinances when Parliament is not in session and an immediate action is required. If an Ordinance makes a law that Parliament is not competent to enact under the Constitution, it shall be considered void.

**Statement 2** is correct. An Ordinance has the same force and effect as an Act of Parliament.

**Source:** [ForumIAS](#)

#### Q.2) With reference to “Sepsis” consider the following statements:

1. Sepsis occurs when the body has an extreme reaction to an infection.
2. In severe type of sepsis, there’s a significant drop in blood pressure that can lead to respiratory or heart failure.
3. Sepsis is most often caused by bacterial infections.

#### 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. Sepsis occurs when the body has an extreme reaction to an infection. Sepsis is most often caused by bacterial infections but almost any infection can cause sepsis if left untreated.

**Statement 2** is incorrect. There are three stages of sepsis – sepsis, severe sepsis and septic shock. In septic shock, there’s a significant drop in blood pressure that can lead to respiratory or heart failure, stroke, dysfunction of other organs, and possibly death.

**Source:** [ForumIAS](#)

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

**Q.3) With reference to Carbon Border Adjustment Mechanism (CBAM) consider the following statements:**

1. It has been described as a tool to put a fair price on the carbon emitted during the production of carbon-intensive goods that are entering the EU and to encourage cleaner industrial production in non-EU countries.
2. CABM would apply to all products imported to EU from the developing nations.
3. With the implementation of CABM, India, Brazil and South Africa would be most affected among the developing countries.

**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. CBAM has been described as a landmark tool to put a fair price on the carbon emitted during the production of carbon-intensive goods that are entering the EU and to encourage cleaner industrial production in non-EU countries. With the implementation of CABM, India, Brazil and South Africa would be most affected among the developing countries.

**Statement 2** is incorrect. CBAM would initially apply to imports of certain goods and selected precursors, whose production is carbon-intensive and are at risk of 'leakage' such as the cement, iron and steel, aluminium, fertilizers, electricity and hydrogen sectors.

**Source:** [ForumIAS](#)

**Q.4) Consider the following statements:**

1. Rail connectivity is one of the key components of the bilateral development partnership between India and Bangladesh.
2. Currently, three pairs of passenger trains operate between India-Bangladesh.

**Select the correct statements using the codes given bellow:**

- 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. Rail connectivity is one of the key components of the bilateral development partnership between India and Bangladesh. Currently, three pairs of passenger trains operate between India-Bangladesh.

**Source:** [ForumIAS](#)

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

**Q.5) With reference to Forum for India–Pacific Islands Cooperation (FIPIC) 2023 Summit, consider the following statements:**

1. Gough Island is one of the member countries of FIPIC.
2. The first FIPIC summit was held in 2014 at Suva, Fiji.
3. In 2023 summit, the Indian government has announced to establish of a super-speciality cardiology hospital in Fiji.

**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. FIPIC includes 14 island countries – Cook Islands, Fiji, Kiribati, Marshall Islands, Micronesia, Nauru, Niue, Palau, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tuvalu, and Vanuatu – that are located in the Pacific Ocean, to the northeast of Australia.

**Statement 2 and 3** are correct. The first FIPIC summit was held in 2014 at Suva, Fiji. In 2023 summit, the Indian government has announced to establish of a super-speciality cardiology hospital in Fiji.

**Source:** [ForumIAS](#)

**Q.6) With reference to the “Krishna River” consider the following statements:**

1. The Krishna River originates at Talakaveri, located in the Kodagu district in the Indian state of Karnataka.
2. Musi River is its tributary.
3. It is the fourth-largest river in terms of water inflows and river basin area in India.

**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. The Krishna River originates in the Western Ghats near Mahabaleshwar in the state of Maharashtra.

**Statements 2 and 3** are correct. Musi River is one of the tributaries of the river Krishna. Krishna River is also the fourth-largest river in terms of water inflows and river basin area in India.

**Source:** [ForumIAS](#)

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

### Q.7) Consider the following statements:

1. A tort law is needed in India to enhance legal provisions, protect the most vulnerable and ensure justice.
2. Punitive damages are intended to compensate for actual losses, while compensatory damages aim to punish the defendant.
3. India does not have the concept of punitive damages in its laws.

### 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. A tort law is needed in India to enhance legal provisions, protect the most vulnerable and ensure justice. India does not have the concept of punitive damages in its laws.

**Statement 2** is incorrect. Compensatory damages are intended to compensate for actual losses, while punitive damages aim to punish the defendant.

**Source:** [ForumIAS](#)

### Q.8) Consider the following statements:

1. An integrated system of medicine combines different healthcare practices to provide the most effective treatment for the patient.
2. The integrated system of medicine disregards the importance of scientific evidence and relies solely on ancient, traditional practices without any validation.
3. An integrated system of medicine allows for a holistic approach to patient care, considering the complete physical, mental, and emotional well-being of the person, rather than focusing solely on disease treatment.

### 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. An integrated system of medicine combines different healthcare practices to provide the most effective treatment for the patient. An integrated system of medicine allows for a holistic approach to patient care, considering the complete physical, mental, and emotional well-being of the person, rather than focusing solely on disease treatment.

**Statement 2** is incorrect. The integrated system of medicine integrates evidence-based practices from various medical systems, including traditional medicine, complementary therapies, and modern scientific research, to provide comprehensive and effective healthcare solutions.

**Source:** [ForumIAS](#)



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

### Q.9) Consider the following statements:

1. International credit card transactions result in an inflow of foreign exchange to the home country.
2. The imposition of tax on international credit card transactions under the Liberalised Remittance Scheme (LRS) promotes financial transparency.
3. Imposing taxes on international credit card transactions adds an additional financial burden on card users.

### 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. International credit card transactions result in an outflow of foreign exchange from the home country.

**Statement 2 and 3** are correct. The imposition of tax on international credit card transactions under the Liberalised Remittance Scheme (LRS) promotes financial transparency. Imposing taxes on international credit card transactions adds an additional financial burden on card users.

**Source:** [ForumIAS](#)

### Q.10) Consider the following statements with respect to “Digital Personal Data Protection Bill 2022”:

1. The bill envisages a Data Protection Board of India whose members will be appointed and removed based on rules created unilaterally by the Centre.
2. The Data Protection Board will conduct inquiries related to the violation of data privacy and exercise the powers of a civil court without being obligated to have a judicial member.

### 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: C**

### Explanation –

**Statement 1 and 2** are correct. The Digital Personal Data Protection Bill 2022 envisages a Data Protection Board of India whose members will be appointed and removed based on rules created unilaterally by the Centre. The Data Protection Board will conduct inquiries related to the violation of data privacy and exercise the powers of a civil court without being obligated to have a judicial member.

**Source:** [The Print](#)



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

### PRELIMS

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Q.1) With reference to UDAN 5.1 scheme, consider the following statements:

1. Viability Gap Funding (VGF) caps for the operators have been increased substantially for both single and twin-engine helicopters to enhance financial viability for operating the awarded routes.
2. The scheme will now allow routes where both the origin and destination locations are in a priority area.
3. Airfare caps have been reduced by as much as 25% to make flying in helicopters more affordable for passengers.

**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. Under UDAN 5.1 scheme, VGF caps for the operators have been increased substantially for both single and twin-engine helicopters to enhance financial viability for operating the awarded routes. Airfare caps have been reduced by as much as 25% to make flying in helicopters more affordable for passengers.

**Statement 2** is incorrect. The scheme now allows routes where one of the origin or destination locations is in a priority area. Earlier both points had to be in priority areas.

**Source:** [ForumIAS](#)

**Q.2) Which of the following statements is correct regarding the term “Bench Hunting”?**

- a) It contains information like the bench, courtroom number and the position of the matter.
- b) It means a police officer has the authority to make an arrest without a warrant and to start an investigation with or without the permission of a court.
- c) It is an application filed seeking an interim court order to prevent the respondents from performing an action or to prevent an order from being carried out.
- d) It refers to petitioners managing to get their cases heard by a particular judge or bench to ensure a favourable order.

**Answer: D**

**Explanation –** Bench Hunting refers to petitioners managing to get their cases heard by a particular judge or bench to ensure a favourable order.

**Source:** [ForumIAS](#)

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

**Q.3) With reference to “Narco Test” consider the following statements:**

1. The test is based on the assumption that physiological responses that are triggered when a person is lying are different from what they would be otherwise.
2. The consent of the person is necessary for conducting the narco test.

**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. In a ‘narco’ or narcoanalysis test, a drug called sodium pentothal is injected into the body of the accused, which transports them to a hypnotic or sedated state, in which their imagination is neutralized. In this hypnotic state, the accused is understood as being incapable of lying and is expected to divulge information that is true.

**Statement 2** is correct. The consent of the person is necessary for conducting the narco test.

**Source:** [ForumIAS](#)

**Q.4) Consider the following statements:**

1. The Global Alliance for National Human Rights Institutions (GANHRI) is responsible for reviewing and accrediting National Human Rights Institutions in compliance with the Paris Principles every five years.
2. National Human Rights Commission (NHRC) can represent India at the UN Human Rights Council even if it has not been accredited by the GANHRI.

**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. GANHRI is responsible for reviewing and accrediting National Human Rights Institutions in compliance with the Paris Principles every five years.

**Statement 2** is incorrect. Without the accreditation, NHRC will be unable to represent India at the UN Human Rights Council.

**Source:** [ForumIAS](#)

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

### Q.5) Consider the following statements:

1. Sengol is gold coated silver sceptre features an intricately carved 'nandi' at the top, which is meant to represent the concept of justice.
2. Sengol, during the Chola dynasty, served as a ceremonial spear and was considered a sacred symbol of authority, representing the transfer of power from one ruler to the next.
3. Sengol is preserved in the Kolkata Museum.

### 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. Sengol is gold coated silver sceptre features an intricately carved 'nandi' at the top, which is meant to represent the concept of justice. Sengol, during the Chola dynasty, served as a ceremonial spear and was considered a sacred symbol of authority, representing the transfer of power from one ruler to the next.

**Statement 3** is incorrect. Sengol preserved in a museum in Allahabad since 1947.

**Source:** [ForumIAS](#)

### Q.6) With reference to “Forum Shopping” consider the following statements:

1. It refers to the practice of deliberately choosing a specific court or Judge for a legal case in the hope of getting a favourable outcome.
2. Forum shopping can undermine the authority and legitimacy of courts and judges by creating perceptions of bias or favoritism.
3. Forum shopping can decrease the costs of litigation.

### 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 –

**Statements 1 and 2** are correct. Forum Shopping refers to the practice of deliberately choosing a specific court or Judge for a legal case in the hope of getting a favourable outcome. It can undermine the authority and legitimacy of courts and judges by creating perceptions of bias or favoritism.

**Statement 3** is incorrect. Forum shopping can increase the costs and complexity of litigation by creating conflicts of laws and multiple proceedings.

**Source:** [ForumIAS](#)

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

### Q.7) Consider the following statements:

1. The fastest high-performance computing system in the world is currently present in Germany.
2. The AIRAWAT Proof of Concept (PoC) of 200 AI Petaflops Mixed Precision peak compute capacity is currently funded by the Ministry of Electronics & Information Technology.
3. The deployment of AIRAWAT will empower academia, research labs, the scientific community, industry, and startups to develop indigenous AI-enabled products and solutions, particularly for addressing India-specific challenges.

### 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. The fastest high-performance computing system in the world is currently the Frontier-Cray system at Oakridge National Laboratory, United States.

**Statements 2 and 3** are correct. The AIRAWAT Proof of Concept (PoC) of 200 AI Petaflops Mixed Precision peak compute capacity is currently funded by the Ministry of Electronics & Information Technology. The deployment of AIRAWAT will empower academia, research labs, the scientific community, industry, and startups to develop indigenous AI-enabled products and solutions, particularly for addressing India-specific challenges.

**Source:** [ForumIAS](#)

### Q.8) With reference to the “State of the Global Climate Report 2022” consider the following statements:

1. It provides scientific evidence of the changing climate and its impact on global weather patterns, ecosystems, and human societies.
2. As per the report, the levels of three major greenhouse gases (carbon dioxide, methane and nitrous oxide) have decreased.
3. As per the report, the global mean sea level continued to rise in 2022.

### 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. State of the Global Climate Report provides scientific evidence of the changing climate and its impact on global weather patterns, ecosystems, and human societies. As per the report, the global mean sea level continued to rise in 2022.

**Statement 2** is incorrect. As per the report, the levels of three major greenhouse gases (carbon dioxide, methane and nitrous oxide) have continued to increase in 2022.

**Source:** [ForumIAS](#)

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

**Q.9) With reference to the “Gravitational Waves” consider the following statements’:**

1. Gravitational waves can be detected through their effect on the measurement of space and time.
2. The most common method used to detect gravitational waves is through the use of hydrometers.
3. Gravitational waves were first conceptualised by Albert Einstein as part of his theory of relativity.

**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. Gravitational waves can be detected through their effect on the measurement of space and time. Gravitational waves were first conceptualised by Albert Einstein as part of his theory of relativity.

**Statement 2** is incorrect. The most common method used to detect gravitational waves is through the use of interferometers, which measure the ripples in space and time by measuring the change in length of two perpendicular arms of the interferometers.

**Source:** [India Today](#)