

## *10 PM Current Affairs Quiz Compilation*

**24<sup>th</sup> to 29<sup>th</sup> July, 2023**

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

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

### PRELIMS

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#### Q.1) With reference to the Indian Polity, consider the following statements:

1. A member of the panel of vice chairpersons of the Rajya Sabha presides over the House when the office of the Chairman or the Deputy Chairman is vacant.
2. The Panel of Vice Chairperson of the Rajya Sabha is appointed by the Prime Minister of India and usually serves as advisors on matters of national importance.

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: D**

**Explanation –**

**Statements 1 and 2** are incorrect. A member of the panel of vice chairpersons of the Rajya Sabha presides over the House in the absence of the Chairman or the Deputy Chairman. When there is a vacancy, the Chairman's duties are to be performed by such member of the House as the president may appoint for the purpose. Elections are held, as soon as possible, to fill the vacant posts. Under the Rules of Rajya Sabha, the Chairman nominates from amongst the members a panel of vice-chairpersons.

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

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

1. E-cigarettes contain only water vapor and natural flavors, making them a safe and healthy alternative to traditional cigarettes.
2. The Electronic Cigarettes Act, 2019 prohibits the production, manufacture, import, export, transport, sale, distribution and advertisement of e-cigarettes 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. E-cigarettes do not contain just water vapor and natural flavors; they typically contain nicotine and other chemicals that can have health risks.

**Statement 2** is correct. The Electronic Cigarettes Act, 2019 prohibits the production, manufacture, import, export, transport, sale, distribution and advertisement of e-cigarettes in India.

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

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

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

1. Clean Energy Ministerial (CEM) is an organisation that promotes nuclear power as the primary source of clean and sustainable energy, while ignoring the development of other renewable energy technologies.
2. e-FAST India employs Radio Frequency Identification (RFID) technology for making toll payments directly from the prepaid or savings account linked to it.

**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: D**

**Explanation –**

**Statements 1 and 2** are incorrect. CEM is a high-level global forum to promote policies and programs for the development of clean energy technology. It also aims to share experience & best practices encouraging the transition to a global clean energy economy. e-FAST stands for Electric Freight Accelerator for Sustainable Transport – India. It is India's first electric freight platform. It aims to galvanize the transition towards cleaner and greener freight transportation.

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

### Q.4) Consider the following statements with reference to National Education Policy (NEP) 2020:

1. It envisages the use of mother tongue or regional or Indian languages as the medium of instruction until at least Grade 5, and preferably till Grade 8 and beyond.
2. It also highlights the significant cognitive advantages of multilingualism for young learners, particularly when they were exposed to several languages from the foundational stage.

**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 –**

**Statements 1 and 2** are correct. NEP 2020 envisages the use of mother tongue or regional or Indian languages as the medium of instruction until at least Grade 5, and preferably till Grade 8 and beyond. It also highlights the significant cognitive advantages of multilingualism for young learners, particularly when they were exposed to several languages from the foundational stage.

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

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

**Q.5) With reference to the India-Sri Lanka Economic Partnership Vision document, consider the following statements:**

1. It aims to strengthen bilateral and economic partnership between India and Sri Lanka.
2. Combating terrorism is one of the pillars of the document.
3. Both countries have decided to designate Indian Rupee as currency for trade settlements between the two 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 –**

**Statements 1 and 3** are correct. The document aims to strengthen bilateral and economic partnership between India and Sri Lanka. Both countries have decided to designate Indian Rupee as currency for trade settlements between the two countries.

**Statement 2** is incorrect. The document is based on five pillars: maritime connectivity; air connectivity; energy and power connectivity; trade, economic and financial connectivity and people-to-people connectivity.

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

**Q.6) Which of the following statements is correct regarding “Biofortification”?**

- a) It is a process that involves increasing the nutritional value of food crops by enriching them with essential vitamins, minerals, and other nutrients.
- b) It refers to the field of science and technology that combines biology and medicine to study and address various health-related issues.
- c) It is a natural phenomenon in which living organisms produce light through a chemical reaction within their bodies.
- d) It involves the use of computational tools and techniques to store, manage, analyze, and visualize vast amounts of biological information.

**Answer: A**

**Explanation –** Biofortification is a process that involves increasing the nutritional value of food crops by enriching them with essential vitamins, minerals, and other nutrients.

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

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

**Q.7) With reference to Rules of Procedure and Conduct of Business in Rajya Sabha, consider the following statements:**

1. Rule 267 gives a Rajya Sabha MP special power to suspend the pre-decided agenda of the House, with the approval of the Chairman.
2. Rule 267 is not the only way for MPs to question the government and seek a response.
3. Rule 176 allows for a Short-duration discussion not exceeding two-and-a-half hours on a matter of urgent public importance.
4. As per Rule 176, a formal motion or voting can be held under a short-duration discussion.

**How many of the above statements are correct?**

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

**Answer: C**

**Explanation –**

**Statements 1, 2 and 3** are correct. Rule 267 gives a Rajya Sabha MP special power to suspend the pre-decided agenda of the House, with the approval of the Chairman. Rule 267 is not the only way for MPs to question the government and seek a response. They can ask questions related to any issue during the Question Hour, during Zero Hour etc. Rule 176 allows for a Short-duration discussion not exceeding two-and-a-half hours on a matter of urgent public importance. **Statement 4** is incorrect. As per Rule 176, the matter can be taken up immediately, within a few hours or even the next day. The rule, however, is clear that no formal motion or voting shall be held under a short-duration discussion.

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

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

1. Bacteriophages are a type of bacteria commonly found in the human gut, where they aid in digestion and provide essential nutrients to the host.
2. Bacteriophages are harmless to human cells as they do not recognize them as their bacterial prey.
3. Phage therapy is the therapeutic use of bacteriophages for the treatment of 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: B**

**Explanation –**

**Statement 1** is incorrect. A bacteriophage or phage is a virus that infects bacteria. They are highly abundant in nature and play a crucial role in regulating bacterial populations in various ecosystems.

**Statements 2 and 3** are correct. Bacteriophages are harmless to human cells as they do not recognize them as their bacterial prey. Phage therapy is the therapeutic use of bacteriophages for the treatment of bacterial infections.

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

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

**Q.9) Which the following was the objective of “The Lokur Committee”?**

- a) To examine student election in universities.
- b) To consider methodological and computational aspects of estimation of proportion and number of poor in India.
- c) To look into criteria for defining Schedule Tribes.
- d) To review the Operation of the Cash Credit System.

**Answer: C**

**Explanation –** The Lokur Committee was set up in 1965 to look into criteria for defining Schedule Tribes.

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

**Q.10) With reference to the Chandrayaan-3 Mission, consider the following statements:**

- 1. Chandrayaan-3 incorporates additional navigational and guidance instruments to continuously monitor the speed of the lander and making any required corrections.
- 2. The landing area of Chandrayaan-3 has been expanded.
- 3. A success-based design model was adopted by ISRO for Chandrayaan-3.

**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. Chandrayaan-3 incorporates additional navigational and guidance instruments to continuously monitor the speed of the lander and making any required corrections. The landing area has been expanded. Instead of trying to reach a specific 500m x 500m patch for landing as targeted by Chandrayaan-2, the current mission has been given instructions to land safely anywhere in a 4km x 2.4km area.

**Statement 3** is incorrect. ISRO adopted a “failure-based design” for Chandrayaan-3 instead of a “success-based design” used in Chandrayaan-2. It means that ISRO’s focus during the Chandrayaan-3 mission was on identifying potential failure points and implementing safeguards to ensure a successful landing.

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

**PRELIMS**

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**Q.1) Consider the following statements with reference to Ludwigia Peruviana:**

1. These are plant species native to South America.
2. It is a species of cactus known for its large spines and ability to thrive in arid conditions.
3. In India, it was introduced as an ornamental plant for its tiny yellow flowers.

**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. Ludwigia peruviana is native to South America, particularly found in countries like Brazil, Peru, and Argentina. In India, it was introduced as an ornamental plant for its tiny yellow flowers. However, it has become the invasive species in India. It is among the 22 priority invasive plants in Tamil Nadu.

**Statement 2** is incorrect. Ludwigia peruviana typically grows in wetlands, marshes, and along the edges of ponds and slow-moving streams. It is an aquatic/semi-aquatic plant.

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

**Q.2) With reference to “Tele MANAS Initiative” consider the following statements:**

1. It is an initiative that focuses on offering affordable credit to MSMEs, particularly those involved in manufacturing activities.
2. It has been launched by the Ministry of Finance.

**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: D**

**Explanation –**

**Statements 1 and 2** are incorrect. Tele Mental Health Assistance and Networking Across States (Tele-MANAS) initiative was launched by the Ministry of Health & Family Welfare during October 2022. It aims to provide free tele-mental health services all over the country round the clock, particularly catering to people in remote or under-served areas.

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

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

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

1. Tuberculosis is caused by a virus and can be transmitted through direct contact with an infected person's skin.
2. Bedaquiline is a medication used to treat active tuberculosis.

**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. Tuberculosis is an infectious disease caused by the bacterium *Mycobacterium tuberculosis*. It is primarily spread through the air when an infected person coughs, sneezes, or speaks, releasing tiny droplets containing the bacteria into the air.

**Statement 2** is correct. Bedaquiline is a medication used to treat active tuberculosis.

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

### Q.4) With reference to “INS Kirpan” consider the following statements:

1. It is a Saryu-class indigenously-built Patrol Vessel.
2. It has been an integral part of the Navy’s Eastern Fleet.
3. Recently, the India Navy has handed it over to Vietnam People’s Navy (VPN).

**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. INS Kirpan is a Khukri class indigenously-built missile corvette. It was commissioned in 1991.

**Statements 2 and 3** are correct. INS Kirpan has been an integral part of the Navy’s Eastern Fleet and has participated in several operations. Recently, the Indian Navy has decommissioned INS Kirpan and handed it over to Vietnam People’s Navy (VPN).

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

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

1. A loan write-off is when a borrower voluntarily decides to cancel or forgive the outstanding debt owed to the banks.
2. After the loan is written off, the borrower is relieved of their legal obligation to repay the amount.
3. A loan that has been written off is no longer considered an asset by banks.

**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 -**



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

**Statement 1 and 2** are incorrect. A loan write-off, also known as debt write-off, is a financial term used when a lender or creditor (bank) decides to cancel or forgive the outstanding debt owed by a borrower. However, a loan write-off does not mean that the borrower is absolved of their legal responsibility to repay the debt. After the write-off, banks are supposed to continue their efforts to recover the loan using various options.

**Statement 3** is correct. Writing off a loan essentially means it will no longer be counted as an asset. By writing off loans, a bank can reduce the level of non-performing assets (NPAs) on its books. An additional benefit is that the amount so written off reduces the bank's tax liability.

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

**Q.6) With reference to Manual for Disaster Management Plan (DMP) consider the following statements:**

1. It has been developed by the Department of Drinking Water and Sanitation.
2. The plan aims to develop disaster resilience building in Tier-I cities along with considering their geographical and environmental challenges.

**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. DMP has been developed by the Department of Drinking Water and Sanitation.

**Statement 2** is incorrect. The plan aims to ensure safety, uninterrupted supply and minimum loss of Water, Sanitation and Hygiene (WASH) assets and services caused due to the disasters, involving stakeholders at national, state, district and village level.

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

**Q.7) With reference to STAR-C Initiative, consider the following statements:**

1. It is being led by the Indian Space Research Organization (ISRO) and the European Space Agency with funding from the Government of the United States.
2. It aims to enhance quality infrastructure for the uptake of solar energy product and service markets, particularly in least developed countries and small island developing states.

**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. STAR-C Initiative is being led by the International Solar Alliance (ISA) and the United Nations Industrial Development Organization (UNIDO) with funding from the Government of France.

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

**Statement 2** is correct. It aims to create a strong network of institutional capacities within ISA Member States to enhance quality infrastructure (QI) for the uptake of solar energy product and service markets, particularly in least developed countries (LDCs) and small island developing states (SIDS).

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

**Q.8) With reference to the India Climate Energy Dashboard (ICED) consider the following statements:**

1. It is a one-stop platform for near real-time data on the energy sector, climate and related economic datasets based on government published sources.
2. It will facilitate insights and enhance understanding about the energy and climate sectors while identifying the key challenges.

**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 –**

**Statements 1 and 2** are correct. ICED is a one-stop platform for near real-time data on the energy sector, climate and related economic datasets based on government published sources. It will facilitate insights and enhance understanding about the energy and climate sectors while identifying the key challenges.

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

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

1. Zero FIRs are submitted when the police station closest to the victim is closed and they are unable to lodge a regular FIR.
2. The provision of Zero FIR came up after the recommendation in the report of the Justice Verma Committee.

**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. When a police station receives a complaint regarding an alleged offence that has been committed in the jurisdiction of another police station, it registers an FIR and then transfers it to the relevant police station for further investigation. This is called a Zero FIR.

**Statement 2** is correct. The provision of Zero FIR came up after the recommendation in the report of the Justice Verma Committee.

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

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

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

1. The National Clean Air Programme (NCAP) aims to achieve a 40-percent reduction in pollutant concentration, complying with the National Ambient Air Quality Standards (NAAQS) for PM 10 concentrations by 2026.
2. PM 2.5 and PM 10 are two different types of fuel additives that improve the performance and efficiency of vehicles.

### 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. NCAP aims to achieve a 40-percent reduction in pollutant concentration, complying with the National Ambient Air Quality Standards (NAAQS) for PM 10 concentrations by 2026.

**Statement 2** is incorrect. PM 2.5 and PM 10 are fine particulate matter composed of tiny droplets of liquid, dry solid fragments, and solid cores with liquid coatings that can lead to harmful health effects when inhaled.

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

**PRELIMS**

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

1. The Cannabis Research Project focuses on investigating the improper use of cannabis in India and developing strategies to regulate and control its usage effectively.
2. Narcotic Drugs and Psychotropic Substances Act, 1985 is the central law that deals with cannabis in India.
3. The NDPS (Narcotic Drugs and Psychotropic Substances) Act prohibits the sale, production, and use of cannabis in all its forms.

**How many of the above statements are correct?**

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

**Answer: A**

**Explanation –**

**Statements 1 and 3** are incorrect. Cannabis Research Project aims to produce export quality drugs meant for different kinds of neuropathies, diabetic pains etc. The NDPS Act prohibits the sale and production of cannabis resin and flowers, but the use of leaves and seeds of the cannabis plant is permitted, with the states having the power to regulate and form the state rules for it.

**Statement 2** is correct. Narcotic Drugs and Psychotropic Substances Act, 1985 is the central law that deals with cannabis in India.

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

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

1. National Mission on Sustainable Agriculture (NMSA) is implemented by the Ministry of Agriculture and Farmers Welfare.
2. Direct Seeded Rice system reduces methane emissions as it does not involve raising nurseries, puddling and transplanting.
3. Methane emissions are increased due to the diversion of paddy to alternate crops like pulses, oilseeds, maize, cotton, and agroforestry.

**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. NMSA is implemented by the Ministry of Agriculture and Farmers Welfare. Direct Seeded Rice system reduces methane emissions as it does not involve raising nurseries, puddling and transplanting.

**Statement 3** is incorrect. Methane emissions are avoided due to diversion of paddy to alternate crops like pulses, oilseeds, maize, cotton and agro forestry.

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

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

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

1. Khanij Bidesh India Ltd. (KABIL) was set up with an objective to identify, explore, acquire, develop, mine, process, procure and sell strategic minerals outside India.
2. The goal of the Minerals Security Partnership (MSP) is to ensure that critical minerals are being "produced, processed, and recycled in a manner that undermines the ability of unfriendly countries to realize their full economic development.

### 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. KABIL was set up in 2019 with an objective to identify, explore, acquire, develop, mine, process, procure and sell strategic minerals outside India. The Company is focusing on two prime critical and strategic minerals i.e., Lithium and Cobalt in the present context of Indian economy and linking it with creation of supply chain ecosystem in the country.

**Statement 2** is incorrect. The main purpose of the MSP is to ensure that important minerals are being "extracted, treated, and reused in a way that helps member countries fully benefit from their geological resources and achieve economic development. It is a Us-led initiative that aims to secure supply chains of critical minerals, reducing dependency on China for critical minerals.

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

### Q.4) With reference to Rajasthan Platform Based Gig Workers (Registration and Welfare) Bill 2023 consider the following statements:

1. The bill applies to aggregators and primary employers.
2. The bill provides gig workers access to general and specific social security schemes and opportunity to be heard for any grievances at appropriate grievance redressal mechanism.
3. The bill proposes a Welfare Board to ensure registration of gig workers and aggregators operating in the state and establish a social security and welfare fund for gig workers.

### 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. The Bill applies to “aggregators” (digital intermediaries connecting buyers and sellers) and “primary employers” (individual or organizations engaging platform-based workers). The bill provides gig workers access to general and specific social security schemes and opportunity to be heard for any grievances and appropriate grievance redressal mechanism. The bill proposes a Welfare Board to ensure registration of gig workers and aggregators operating in the state and establish a social security and welfare fund for gig workers.

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

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

**Q.5) With reference to Controlled Human Infection Studies (CHIs) consider the following statements:**

1. CHIs involve deliberately infecting unhealthy individuals with various pathogens to study their effects and prevent the diseases further.
2. CHIS have made important contributions to the treatment and prevention of many infectious diseases of global health importance.
3. CHIS model can help provide unique insights into disease pathogenesis and can accelerate the development of novel medical interventions.

**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. In CHIS, healthy volunteers are intentionally exposed to pathogens in a controlled environment in order to promote understanding of the pathogenesis, transmission, prevention and treatment of infectious diseases in humans.

**Statements 2 and 3** are correct. CHIS have a long history and have made important contributions to the treatment and prevention of many infectious diseases of global health importance. CHIS model can help provide unique insights into disease pathogenesis and can accelerate the development of novel medical interventions.

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

**Q.6) With reference to Polar Satellite Launch Vehicle (PSLV) consider the following statements:**

1. It is a human-carrying spacecraft designed for crewed missions to explore the Moon and other planets in the solar system.
2. It is a four-stage rocket that uses both solid and liquid propulsion systems.
3. It has been instrumental in India's space program, facilitating various space applications, research, and developmental activities.

**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. PSLV) is an expendable launch vehicle developed and operated by the ISRO. It is specifically designed to launch satellites into polar and geostationary orbits.

**Statements 2 and 3** are correct. PSLV is a four-stage rocket that uses both solid and liquid propulsion systems. It has been instrumental in India's space program, facilitating various space applications, research, and developmental activities.

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

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

**Q.7) Which of the following is the objective of “Meri Maati, Mera Desh campaign”?**

- It has been launched by the governing party with the intention of convincing voters for the upcoming general Lok Sabha elections.
- Its primary objective is to boost the Make in India initiative in agriculture by cultivating high-quality indigenous crops and reducing the dependence on imports.
- Its aim is to initiate various activities that acknowledge and honor the efforts of the martyrs during the Indian Independence struggle.
- Its goal is to encourage sustainable agricultural practices that preserve the soil's health.

**Answer: C**

**Explanation –** The Meri Maati Mera Desh campaign is envisaged as a culminating event of the ‘Azadi Ka Amrit Mahotsav’ celebration of 75 years of Indian Independence. Its aim is to initiate various activities that acknowledge and honor the efforts of the martyrs during the Indian Independence struggle. It also aims to promote afforestation and a garden will be built after collecting soil from across the country.

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

**Q.8) With reference to Marine Heat Waves (MHW), consider the following statements:**

- It occurs when the surface temperature of a particular region of the sea rises to 3 or 4 degrees Celsius above the average temperature for at least five days.
- Higher ocean temperatures, associated with MHWs, can make storms like hurricanes and tropical cyclones stronger.
- MHWs have little influence on the development of marine invasive alien species.

**Which of the statement 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. MHW occurs when the surface temperature of a particular region of the sea rises to 3 or 4 degrees Celsius above the average temperature for at least five days. Higher ocean temperatures, associated with MHWs, can make storms like hurricanes and tropical cyclones stronger.

**Statement 3** is incorrect. MHWs also fuel the growth of invasive alien species, which can be destructive to marine food webs.

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

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

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

1. The Ethanol Blending Petrol (EBP) programme aims to blend petrol with diesel to create a more sustainable and eco-friendly fuel alternative.
2. In India, the percentage of ethanol blended into fuel has reached 10%.

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 primary objective of the EBP programme is to blend ethanol with petrol, creating a more sustainable and eco-friendly fuel alternative. Ethanol, a biofuel derived from plant-based sources like sugarcane, corn, or other biomass, is mixed with traditional petrol in varying ratios.

**Statement 2** is correct. In India, the percentage of ethanol blended into fuel has reached 10%. The government has now aimed to reach 20% ethanol blending by 2025.

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

### Q.10) With reference to OneWeb, consider the following statements:

1. OneWeb Network Access Associates Limited is a communications company that aims to build broadband satellite Internet services.
2. It enables high-speed, low latency connectivity for governments, businesses and communities everywhere around the world.
3. India's Bharti Enterprises is a major investor in OneWeb group.

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. OneWeb Network Access Associates Limited is a communications company that aims to build broadband satellite Internet services. It enables high-speed, low latency connectivity for governments, businesses and communities everywhere around the world. India's Bharti Enterprises is a major investor in OneWeb group.

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



PRELIMS

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**Q.1) With reference to different Social Security measures for elderly population, consider the following statements:**

1. National Programme for Health Care of the Elderly (NPHCE) was launched by the Ministry of Health and Family Welfare with a view to provide dedicated healthcare services to senior citizens at various level of State Health Care delivery system.
2. Under Integrated Programme for Senior Citizens (IPSrC), assisted living devices are distributed free of cost, in camp mode, to senior citizens belonging to the families living below the poverty line or having Rs. 15000/- as monthly income and suffering from age related disabilities.

**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. NPHCE was launched by the Ministry of Health and Family Welfare with a view to provide dedicated healthcare services to senior citizens at various level of State Health Care delivery system.

**Statement 2** is incorrect. Under IPSrC, grant-in-Aid is given to Implementing Agencies for running and maintenance of Senior Citizens Homes where basic amenities like shelter, food, medical care, entertainment opportunities etc are provided free of cost to indigent senior citizens.

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

**Q.2) With reference to Biological Diversity (Amendment) Bill 2021, consider the following statements:**

1. The Bill requires registered AYUSH medical practitioners and people accessing codified traditional knowledge to seek prior intimation from State biodiversity Boards to access biological resources for certain purposes.
2. The Bill removes research and bio-survey activities from the purview of benefit sharing requirements.
3. The bill decriminalizes a range of offences under the Act and substitutes them with monetary penalties.

**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 Bill allows certain groups, including registered AYUSH medical practitioners and those accessing traditional knowledge, to access biological resources without informing State biodiversity Boards beforehand for specific purposes.

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**Statements 2 and 3** are correct. The Bill removes research and bio-survey activities from the purview of benefit sharing requirements. The bill decriminalizes a range of offences under the Act and substitutes them with monetary penalties.

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

**Q.3) With reference to the Criminal Procedure (Identification) Bill 2022, consider the following statements:**

1. As per the Bill, resistance or refusal to give details will be considered an offense under the Indian Penal Code, 1860.
2. The Bill empowers National Crime Records Bureau (NCRB) to collect the details about the persons covered under the Bill from State governments, Union Territory (UT) administrations, or other law enforcement agencies.

**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 –**

**Statements 1 and 2** are correct. As per the Bill, resistance or refusal to give details will be considered an offense under the Indian Penal Code, 1860. The Bill empowers NCRB) to collect the details about the persons covered under the Bill from State governments, UT administrations, or other law enforcement agencies.

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

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

1. Radio Frequency Interference (RFI) is a process that improves the clarity and strength of wireless communication signals, making them more reliable and efficient.
2. STARFIRE algorithm can estimate the RFI emitted by FM radio stations, WiFi networks, mobile towers, radar, satellites, and communication devices.
3. PRATUSH is a space mission that aims to study the first stars and galaxies in the Universe using signals from the 21-cm hydrogen line.

**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. RFI refers to the disruption or degradation of wireless communication signals caused by external sources of electromagnetic radiation. These sources can emit electromagnetic waves on frequencies that overlap with those used for radio, television, satellite communication, wireless networks, and other wireless devices.

**Statements 2 and 3** are correct. STARFIRE algorithm can estimate the RFI emitted by FM radio stations, WiFi networks, mobile towers, radar, satellites, and communication devices. PRATUSH

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is a space mission that aims to study the first stars and galaxies in the Universe using signals from the 21-cm hydrogen line. It also helps address the issue of RFI on land.

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

**Q.5) With reference to Self-Employment Scheme for Rehabilitation of Manual Scavengers (SRMS) consider the following statements:**

1. Its aim is to uplift and empower manual scavengers by providing them with opportunities to engage in alternative self-employment ventures.
2. The scheme has been replaced by National Action Plan for Mechanized Sanitation Ecosystem (NAMASTE) scheme.

**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 –**

**Statements 1 and 2** are correct. SRMS aim is to uplift and empower manual scavengers by providing them with opportunities to engage in alternative self-employment ventures. The scheme has been replaced by National Action Plan for Mechanized Sanitation Ecosystem (NAMASTE) scheme.

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

**Q.6) Consider the following statements with reference to Stem cell transplant:**

1. Stem cell transplant is a medical procedure used to extract and transplant cancerous cells into a patient's body to stimulate the growth of healthy tissues and organs.
2. In a stem cell transplant, the patient receives high doses of chemotherapy or radiation to destroy the diseased bone marrow.
3. The success of a stem cell transplant depends on factors such as the patient's overall health and the type of disease being treated.

**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. Stem cell transplantation (SCT), sometimes referred to as bone marrow transplant (BMT) is a procedure in which a patient receives healthy stem cells to replace damaged stem cells.

**Statements 2 and 3** are correct. In a stem cell transplant, the patient receives high doses of chemotherapy or radiation to destroy the diseased bone marrow. The success of a stem cell transplant depends on factors such as the patient's overall health and the type of disease being treated.

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

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

1. Full-reserve banking is the banking system under which banks that take demand deposits from the public are required to hold a proportion of their deposit liabilities in liquid assets as a reserve, and are at liberty to lend the remainder to borrowers.
2. Under full-reserve banking, banks act as custodians to depositors' money and may charge a fee from depositors for the service of safekeeping that they offer to the depositors.

**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. Full-reserve banking also known as 100% reserve banking refers to a system of banking where banks are not allowed to lend out money that they receive from customers in the form of demand deposits.

**Statement 2** is correct. Under full-reserve banking, banks act as custodians to depositors' money and may charge a fee from depositors for the service of safekeeping that they offer to the depositors.

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

### Q.8) With reference to Hygroelectricity, consider the following statements:

1. It is a type of electricity that forms on dry surfaces and can be transferred from dust particles to water droplets.
2. It is a type of non-renewable energy.
3. The energy can only be generated at night.

**How many of the above statements are correct?**

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

**Answer: D**

**Explanation –**

**Statements 1, 2 and 3** are incorrect. Hygroelectricity is a technology that can harvest electricity from humid air. It is a renewable form of energy. Statement 3 is incorrect as there is no such requirement.

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

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**Q.9) With reference to the Enforcement Directorate (ED), consider the following statements:**

1. Under the Fugitive Economic Offenders Act, 2018 (FEOA), ED has been entrusted with the responsibility of investigating suspected violations of foreign exchange laws and regulations.
2. ED's powers increased significantly after the enactment of PMLA, 2002 because the act re-empowered ED with the powers of criminal prosecution.
3. ED authorities are not police officers and an inquiry under the Section 50 of the PMLA is not a strict investigation for initiating prosecution.

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

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

**Answer: D**

**Explanation –**

**Statement 1** is incorrect. Under the Fugitive Economic Offenders Act, 2018 (FEOA), ED is mandated to seize the properties of fugitive economic offenders who have fled from India to evade arrest.

**Statements 2 and 3** are correct. ED's powers increased significantly after the enactment of PMLA, 2002 because the act re-empowered ED with the powers of criminal prosecution. The Supreme Court held in Vijay Madanlal Choudhary v. Union of India (2022) that ED authorities are not police officers and an inquiry under the Section 50 of the PMLA is not 'investigation' in strict sense of the term for initiating prosecution.

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

**Q.10) Consider the following statements with reference to sustainable agriculture:**

1. Sustainable agriculture is an approach to farming that hinders the technological advancements in the agricultural sector.
2. It emphasizes the conservation and regeneration of essential natural resources like soil, water, and air to benefit future generations.

**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. Sustainable agriculture refers to the practice of cultivating crops and raising livestock in a manner that meets current food production needs while ensuring the long-term viability of agricultural systems, taking into account environmental stewardship, social equity, and economic viability. Sustainable agriculture can also be done by using advanced technology.

**Statement 2** is correct. Sustainable agriculture emphasizes the conservation and regeneration of essential natural resources like soil, water, and air to benefit future generations.

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

**PRELIMS**

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**Q.1) With reference to Silvopasture, consider the following statements:**

1. The extensive root systems of trees within silvopasture plots play a significant role in nutrient cycling.
2. It is a type of marine ecosystem that combines underwater vegetation with aquatic animals for sustainable seafood production.
3. In silvopasture systems, soil infiltration rates are higher compared to open pastures, resulting in an improved capacity for water storage.

**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. The extensive root systems of trees within silvopasture plots play a significant role in nutrient cycling. In silvopasture systems, soil infiltration rates are higher compared to open pastures, resulting in an improved capacity for water storage.

**Statement 2** is incorrect. Silvopasture is a land management practice that combines forestry (silviculture) with livestock grazing. It involves integrating trees, forage plants, and grazing animals in the same area to create a sustainable and productive agroforestry system.

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

**Q.2) With reference to the Forest Conservation (Amendment) Bill 2023, consider the following statements:**

1. As per the Bill, the state government requires prior approval of the central government to assign any forest land to a private entity.
2. The Bill extends this to all entities, and allows the assignment to be made on terms and conditions specified by the central government.

**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 –**

**Statements 1 and 2** are correct. As per the Bill, the state government requires prior approval of the central government to assign any forest land to a private entity. The Bill extends this to all entities, and allows the assignment to be made on terms and conditions specified by the central government.

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

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

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

1. Nanoflakes are a type of nanomaterial that consists of thin, two-dimensional flakes with nanoscale dimensions.
2. Hematene is created by subjecting hematite to high temperatures and pressures, causing it to transform into a three-dimensional micromaterial.

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. Nanoflakes are a type of nanomaterial that consists of thin, two-dimensional flakes with nanoscale dimensions.

**Statement 2** is incorrect. Hematene is created by peeling off, thin layers of hematite to obtain a two-dimensional nanomaterial with nanoscale thickness.

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

### Q.4) With reference to Revamped Distribution Sector Scheme (RDSS) consider the following statements:

1. It aims to reduce the Aggregate Technical & Commercial (AT&C) losses to pan-India levels of 12-15% and Average Cost of Supply (ACS)-Average Revenue Realized (ARR) gap to zero by 2024-25.
2. The scheme has been launched for the duration of five years.
3. India Electrification Corporation (IFC) is the nodal agency for the implementation of the scheme.

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. RDSS aims to reduce the Aggregate Technical & Commercial (AT&C) losses to pan-India levels of 12-15% and Average Cost of Supply (ACS)-Average Revenue Realized (ARR) gap to zero by 2024-25. Government of India has launched the RDSS for the duration of 5 years i.e., from (FY 2021-22 to FY 2025-26).

**Statement 3** is incorrect. Power Finance Corporation (PFC) and Rural Electrification Corporation (REC) have been nominated as the nodal agencies for the implementation of the scheme.

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

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**Q.5) Global Education Monitoring Report, 2023 has been released by –**

- a) United Nations Educational, Scientific and Cultural Organization (UNESCO)
- b) Association for Childhood Education International (ACEI)
- c) Education International
- d) United Nations Children's Fund (UNICEF)

**Answer: A**

**Explanation –** The United Nations Educational, Scientific and Cultural Organization (UNESCO) has released its Global Education Monitoring Report, 2023 titled “Technology in education: a tool on whose terms?”

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

**Q.6) With reference to Fluorochemicals, consider the following statements:**

- 1. Fluorochemicals are used as ingredient in pesticides to protect against pests in agriculture.
- 2. Fluorochemicals can be either organic or inorganic in nature.

**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. Fluorochemicals have many different uses and roles in agriculture. The most common use is to protect crops in the field as an ingredient in pesticides and herbicides. It has nearly taken the place of bromomethane, a pesticide that came under fire for its toxicity to the environment. Fluorochemicals can be either organic or inorganic in nature.

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

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

- 1. India has become the first country to start the T+1 settlement cycle in top listed securities.
- 2. Trade settlement is the process of executing a trade between two parties, where the buyer transfers ownership of the securities, and the seller transfers the funds on the trade execution date.
- 3. Under the T+0 settlement cycle, if investors sell shares, they will get the money in their account instantaneously and the buyers will get the shares in their demat accounts the same day.

**How many of the above statements are correct?**

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

**Answer: A**

**Explanation –**

**Statements 1 and 2** are incorrect. India became the second country to start the T+1 settlement cycle in top listed securities after China. Trade settlement is the process of completing a



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securities transaction between two parties, where the buyer transfers funds and the seller transfers ownership of the securities on the agreed-upon settlement date, which is typically a few days after the trade execution date.

**Statement 3** is correct. Under the T+0 settlement cycle, if investors sell shares, they will get the money in their account instantaneously and the buyers will get the shares in their demat accounts the same day.

Source: [ForumIAS](#)

**Q.8) With reference to the Indian Constitution, consider the following statements:**

1. A no-confidence motion in the Rajya Sabha can be brought according to the rules of the Rajya Sabha.
2. The no-confidence motion has historically been used to demonstrate enduring trust in the government's actions and decisions.
3. Any member of the Lok Sabha who can gather the support of 50 of their colleagues can introduce a resolution of no-confidence against the Council of Ministers.

**How many of the above statements are correct?**

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

**Answer: A**

**Explanation –**

**Statements 1 and 2** are incorrect. A no confidence motion can only be moved in the Lok Sabha. The no-confidence motion has historically been used as a form of protest to keep the government accountable.

**Statement 3** is correct. Any member of the Lok Sabha who can gather the support of 50 of their colleagues can introduce a resolution of no-confidence against the Council of Ministers.

Source: [ForumIAS](#)

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

1. Atmanirbhar Bharat Abhiyan aims to increase the share of MSMEs in exports from 50% to 60% within five years.
2. India's share in the global express delivery services (EDS) market and merchandise trade is currently only 2%.
3. India imports nearly all of its semiconductor requirements.

**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. Atmanirbhar Bharat Abhiyan aims to increase the share of MSMEs in exports from 50% to 60% within five years. India's share in the global express delivery

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services (EDS) market and merchandise trade is currently only 2%. India imports nearly all of its semiconductor requirements.

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

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

1. Both solid and liquid fuels were used in the rocket carrying Chandrayaan-3.
2. Solid Propellant Rocket Engine was used in the Chandrayaan-3 Mission to give thrust to the LVM-3 launch vehicle.

**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. Both solid and liquid fuels were used in the rocket carrying Chandrayaan-3. The first stage utilizes solid fuel, while the second stage employs liquid fuel.

**Statement 2** is incorrect. Chandrayaan-3 has been equipped with CE-2 cryogenic engine.

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

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### PRELIMS

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**Q.1) With reference to the Cinematograph (Amendment) Bill 2023, consider the following statements:**

1. The Bill substitutes the UA category with the other three categories to indicate age-appropriateness.
2. The bill prohibits the unauthorized recording of films and their exhibition.
3. Under the Act, the certificate issued by the Board is valid for 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 –**

**Statements 1 and 2** are correct. The Bill substitutes the UA category with the other three categories to indicate age-appropriateness, e.g., (i) UA 7+, (ii) UA 13+, or (iii) UA 16+. The bill prohibits the unauthorized recording of films and their exhibition.

**Statement 3** is incorrect. Under the Act, the certificate issued by the Board is valid for 10 years.

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

**Q.2) With reference to Jan Vishwas (Amendment of Provisions) Bill 2023, consider the following statements:**

1. The bill removes all offences under the Post Office Act, 1898.
2. The bill aims to establish an apex body responsible for addressing employment-related matters, including identifying and addressing unfilled job vacancies by notifying the relevant departments.

**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. The bill removes all offences under the Post Office Act, 1898.

**Statement 2** is incorrect. The Jan Vishwas Bill aims to decriminalize around 180 offences by amending 42 laws across sectors including environment, agriculture, media, industry and publication.

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

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**Q.3) With reference to Arth Ganga Initiative, consider the following statements:**

1. Its objective to rejuvenate and clean the Ganga River.
2. Under Arth Ganga, the government is encouraging the practice of Zero Budget Natural Farming along both banks of the river.

**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 Arth Ganga focuses on the sustainable development of the Ganga and its surrounding areas, by focusing on economic activities related to the river.

**Statement 2** is correct. Under Arth Ganga, the government is encouraging the practice of Zero Budget Natural Farming along both banks of the river.

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

**Q.4) With reference to the Self-Reliant India (SRI) Fund, consider the following statements:**

1. It is an additional fund provided to companies availing the Production Linked Incentives (PLI) Scheme.
2. SRI fund is implemented by a special purpose vehicle called NSIC Venture Capital Fund Limited.

**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. Self-Reliant India Fund was set up in 2021. It is a Category-II Alternative Investment Fund registered with SEBI. It aims to provide growth capital to the deserving and eligible units of the MSME sector.

**Statement 2** is correct. SRI fund is implemented by a special purpose vehicle called NSIC Venture Capital Fund Limited.

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

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**Q.5) With reference to the Gulf Stream, consider the following statements:**

1. It is a cold ocean current that flows in the Pacific Ocean, originating in the Gulf of Alaska and moving towards South America.
2. It influences the climate of the east coast of Florida.
3. It affects weather patterns and storm systems, and it has been historically vital for maritime navigation and trade routes.

**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 Gulf Stream is a powerful and warm ocean current that flows in the Atlantic Ocean, originating in the Gulf of Mexico. It extends all the way up the eastern coast of the United States and Canada.

**Statements 2 and 3** are correct. The strong current of warm water influences the climate of the east coast of Florida, keeping temperatures there warmer in the winter and cooler in the summer than the other southeastern states. It affects weather patterns and storm systems, and it has been historically vital for maritime navigation and trade routes.

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

**Q.6) With reference to Resource Efficiency Circular Economy Industry Coalition (RECEIC) consider the following statements:**

1. It was conceived during India's G20 Presidency.
2. The coalition aims to promote company collaboration, build advanced capabilities, learn from global experiences, and accelerate the transition to a circular economy.

**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 –**

**Statements 1 and 2** are correct. RECEIC was conceived during India's G20 Presidency. It aims to promote company collaboration, build advanced capabilities, learn from global experiences, and accelerate the transition to a circular economy.

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

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**Q.7) Consider the following statements with reference to non-committed cells:**

1. These cells do not participate in the later stages of embryo development.
2. These cells show the expression of a gene known as HERVH.

**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. In contrast to the majority of cells in the inner cell mass that contribute to the developing embryo, non-committed cells do not participate in the later stages of embryo development.

**Statement 2** is incorrect. The non-committed cells lack the expression of a gene called HERVH.

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

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

1. AIDE mobile app is a technology-driven yield estimation system, offering methodologies, best practices and integration insights for accurate yield assessments at the Gram Panchayat level.
2. Weather Information Network Data Systems (WINDS) portal enhances risk assessment and decision-making in crop insurance, agriculture advisories, and disaster mitigation, supporting the agricultural sector and rural economy.

**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. AIDE mobile app is a mobile application specifically developed to streamline the enrollment process for farmers in crop insurance schemes like Pradhan Mantri Fasal Bima Yojana (PMFBY) and Restructured Weather-Based Crop Insurance Scheme (RWBCIS).

**Statement 2** is correct. WINDS portal enhances risk assessment and decision-making in crop insurance, agriculture advisories, and disaster mitigation, supporting the agricultural sector and rural economy.

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

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

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

1. Political parties are statutory bodies.
2. The RTI Act was designed for transparency in government functions.
3. Freedom of speech and expression and freedom of trade and commerce through the medium of the internet are constitutionally protected rights under Articles 19(1)(a) and Articles 19(1)(g).

### 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: C

### Explanation –

**Statement 1** is incorrect. Political parties are formed voluntarily and are not statutory bodies. Their public engagement is by choice, not by law.

**Statement 2 and 3** are correct. The RTI Act was designed for transparency in government functions. The SC has held that freedom of speech and expression and freedom of trade and commerce through the medium of the internet are constitutionally protected rights under Articles 19(1)(a) and Articles 19(1)(g).

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