

## *10 PM Current Affairs Quiz Compilation*

**August, 2023**

## 10 PM Compilation for the Month of August 2023

### PRELIMS

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

1. It is located at the base of Kangchenjunga in the Himalayan region of Sikkim.
2. It is one of the largest glaciers in the Suru River valley.

**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. Parachik Glacier is a mountain glacier in Kargil, Ladakh, India.

**Statement 2** is correct. Parachik Glacier is one of the largest glaciers in the Suru River valley. The Suru River valley is a part of the southern Zaskar Ranges in the western Himalayas.

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

**Q.2) With reference to Urea Gold, consider the following statements:**

1. It is a new variety of Urea fertiliser that is coated with potassium.
2. It is more economical and efficient than neem-coated urea.

**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. Urea Gold is a new variety of Urea fertilizer that is coated with sulphur.

**Statement 2** is correct. Urea Gold is more economical and efficient than neem-coated urea.

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

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

1. Cryptobiosis is a state in which organisms actively engage in metabolic activities to adapt and thrive in harsh environmental conditions.
2. Organisms like nematodes, and brine shrimp, are known for their ability to undergo cryptobiosis.

**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. Cryptobiosis is a biological phenomenon in which certain organisms enter a state of suspended animation or dormancy in response to adverse environmental

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conditions. During cryptobiosis, the organism's metabolic activities come to a virtual standstill, and it can withstand extreme conditions that would typically be fatal.

**Statement 2** is correct. Organisms like nematodes, and brine shrimp, are known for their ability to undergo cryptobiosis.

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

**Q.4) With reference to Mines and Minerals (Development and Regulation Amendment) Bill 2023, consider the following statements:**

1. The bill empowers the central government to exclusively auction mining leases and composite exploration licenses for certain critical high value minerals such as gold, silver, platinum, copper.
2. It reduces the involvement of the private sector in mineral exploration and production.
3. It empowers states to grant composite mineral license without having to get a central nod.

**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 bill empowers the central government to exclusively auction mining leases and composite exploration licenses for certain critical high value minerals such as gold, silver, platinum, copper. It empowers states to grant composite mineral license without having to get a central nod.

Statement 2 is incorrect. The bill seeks larger participation of the private sector in mineral exploration and production.

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

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

1. India's exports of electronic manufacturing have doubled in the past few years.
2. Semicon India 2023 aims to make India a global hub for Semiconductor Design, Manufacturing and Technology Development which will help propel the vision of India Semiconductor Mission.

**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. India's exports of electronic manufacturing have doubled in the past few years and today has over 200 mobile manufacturing units. Semicon India 2023 aims to make India a global hub for Semiconductor Design, Manufacturing and Technology Development which will help propel the vision of India Semiconductor Mission.

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

## 10 PM Compilation for the Month of August 2023

**Q.6) With reference to Rajasthan Secondary Towns Development Sector Project, consider the following statements:**

1. It aims to expand water supply and sanitation systems, while also enhancing urban resilience and promoting heritage conservation in selected towns.
2. It also intends to plant trees on both sides of the road to ensure healthier air throughout the town.

**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. Rajasthan Secondary Towns Development Sector Project aims to expand water supply and sanitation systems, while also enhancing urban resilience and promoting heritage conservation in selected towns.

**Statement 2** is incorrect. There are no such aims.

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

**Q.7) With reference to the Asian Development Bank (ADB) consider the following statements:**

1. It is a regional development bank focused on promoting military development and arms trade among its member countries.
2. It is headquartered at Manila, Philippines.
3. Japan is one of the largest shareholders of ADB.

**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. ADB is a regional development bank established in 1966 to promote economic and social progress in the Asia-Pacific region. Its primary goal is to reduce poverty and foster sustainable development in its member countries.

**Statements 2 and 3** are correct. ADB is headquartered at Manila, Philippines. As of 2022, ADB's five largest shareholders are Japan and the United States (each with 15.6%), the People's Republic of China (6.4%), India (6.3%), and Australia (5.8%).

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

## 10 PM Compilation for the Month of August 2023

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

1. Markarian 421 is a supermassive black hole located in the constellation Ursa Major.
2. IXPE Mission is a joint effort of NASA and the Italian Space Agency.
3. Supermassive black holes are objects made of dark matter and can be found scattered throughout the universe.

### 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. Markarian 421 is a supermassive black hole located in the constellation Ursa Major. IXPE Mission is a joint effort of NASA and the Italian Space Agency.

**Statement 3** is incorrect. Supermassive black holes are extremely large and incredibly dense regions in the centers of most galaxies, including our Milky Way galaxy. They are extremely massive and compact regions in space with a tremendous gravitational pull.

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

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

1. The Indian-Myanmar boundary goes through Mizoram, Manipur, Nagaland, and Arunachal Pradesh.
2. The Free Movement Regime (FMR) is a unilaterally imposed arrangement by India on Myanmar, which allows only Indian tribes living along the border to travel up to 16 km inside Myanmar without a visa.
3. The border between India and Myanmar was demarcated by the British without seeking the opinion of the people living in the region.

### 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 border between India and Myanmar runs between Mizoram, Manipur, Nagaland, and Arunachal Pradesh. The border between India and Myanmar was demarcated by the British in 1826, without seeking the opinion of the people living in the region.

**Statement 2** is incorrect. The Free Movement Regime (FMR) is a mutually agreed arrangement between India and Myanmar that allows tribes living along the border on either side to travel up to 16 km inside the other country without a visa.

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

## 10 PM Compilation for the Month of August 2023

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

1. France has the second-largest maritime domain in the world.
2. The Fourteenth Finance Commission increased the share of States in the divisible pool of central taxes from 32% to 42%.

Select the correct answer from 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. France has the second-largest maritime domain in the world. The Fourteenth Finance Commission increased the share of States in the divisible pool of central taxes from 32% to 42%.

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

## 10 PM Compilation for the Month of August 2023

### PRELIMS

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**Q.1) With reference to Cocos (Keeling) Islands, consider the following statements:**

1. The island is located in the South Pacific Ocean.
2. It is part of Costa Rica's territory.
3. The islands are divided into two groups.

**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. The Keeling Islands, also known as the Cocos (Keeling) Islands, are a group of 27 coral atolls and islands in the Indian Ocean. It is an external territory of Australia, administered by the Australian government.

**Statement 3** is correct. The islands are divided into two groups: the North Keeling Islands and the South Keeling Islands.

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

**Q.2) With reference to Nasha Mukta Bharat Abhiyan (NMBA) consider the following statements:**

1. The aim is to raise awareness about ill effects of substance abuse among youth, women, and children, with a special focus on educational institutes and communities, fostering community involvement and ownership of the Abhiyaan.
2. Ministry of Social Justice & Empowerment is the nodal ministry for implementing the 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. NMBA aims to raise awareness about ill effects of substance abuse among youth, women, and children, with a special focus on educational institutes and communities, fostering community involvement and ownership of the Abhiyaan. Ministry of Social Justice & Empowerment is the nodal ministry for implementing the scheme.

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

## 10 PM Compilation for the Month of August 2023

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

1. It is a program launched by the Government of India to promote the use of plastic waste in rural areas for biogas production and energy generation.
2. It is an integral part of Swachh Bharat Mission (Gramin) Phase II under Solid Waste Management.
3. The scheme will improve savings of rural households.

**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 –**

**Statements 1** is incorrect. GOBARdhan Initiative is a program launched by the Government of India to promote the sustainable management of cattle dung and agricultural waste in rural areas. It aims to convert waste to wealth (biogas) with the aim of promoting a circular economy.

**Statements 2 and 3** are correct. GOBARdhan Initiative is an integral part of Swachh Bharat Mission (Gramin) Phase II under Solid Waste Management. The initiative promote household income and savings as the use of biogas fuel will cut down the LPG cost.

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

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

1. A superconductor is a material that exhibits extremely high electrical resistance and loses energy when cooled below a certain critical temperature.
2. Superconductivity can only typically be achieved at very cold temperatures.
3. Superconductors at room temperature can cut the cost of electricity grids.

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

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

**Answer: B**

**Explanation –**

**Statement 1** is incorrect. A superconductor is a material that exhibits zero electrical resistance and the expulsion of magnetic fields when it is cooled below a certain critical temperature. In other words, it allows electric current to flow through it without any loss of energy due to resistance, and it also repels magnetic fields. An electric current in a superconductor can persist indefinitely.

**Statements 2 and 3** are correct. Superconductivity can only typically be achieved at very cold temperatures. The temperature of a superconductor known as the critical temperature, is typically below 10 Kelvin (-263 degrees Celsius). Room temperature is 20-22°C. Hence, superconductors at room temperature can cut the cost of electricity grids, computer chips, etc.

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

## 10 PM Compilation for the Month of August 2023

**Q.5) With reference to Worldcoin Project, consider the following statements:**

1. The project is proposed by the countries in Global South with the aim to develop a common digital currency which can be used for cross border transaction amongst the member countries.
2. It also aims to establish a digital network that enables universal participation, allowing everyone to have a share and participate in the digital 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. Worldcoin is an iris biometric cryptocurrency project developed by Tools for Humanity.

**Statement 2** is correct. It aims to establish a digital network that enables universal participation, allowing everyone to have a share and participate in the digital economy.

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

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

1. It highlights the importance of lifelong learning as a powerful catalyst that enhances lives, boosts employability, and cultivates a culture of ongoing progress.
2. It focuses on encouraging functional literacy, vocational expertise, and essential life skills, such as financial literacy, legal literacy, digital literacy, and empowering citizens to participate in nation-building efforts.
3. The initiative operates through compulsory participation of the eligible individuals.

**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. ULLAS stands for Understanding Lifelong Learning for All in Society. It aims to revolutionize education and literacy across India by fostering a learning ecosystem that reaches every individual, bridging the gaps in basic literacy and critical life skills. The initiative operates through volunteerism. It encourages volunteers to participate as DUTY or Kartavya Bodh towards nation-building.

**Statement 2** is correct. The initiative also focuses on encouraging functional literacy, vocational expertise, and essential life skills, such as financial literacy, legal literacy, digital literacy, and empowering citizens to participate in nation-building efforts.

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

## 10 PM Compilation for the Month of August 2023

**Q.7) With reference to Pedicularis Revealiana, consider the following statements:**

1. It is commonly known as a perennial herb.
2. This plant thrives in remote forests, which remain snow-covered for most of the year.
3. This plant not only relies entirely on external sources for its nutrients but also demonstrates the remarkable ability to draw nutrients from the air.

**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: A**

**Explanation –**

**Statements 1 and 2** are correct. Pedicularis Revealiana is a plant belonging to the Pedicularis species group. It is commonly known as a perennial herb. This plant thrives in remote forests, which remain snow-covered for most of the year.

**Statement 3** is incorrect. This plant not only produces its own food but also demonstrates the remarkable ability to draw nutrients from the roots of neighboring trees and plants.

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

**Q.8) With reference to Stapled Visas, consider the following statements:**

1. Stapled visas are issued as digital documents that travelers need to carry separately from their passports.
2. Stapled visas are commonly used for diplomatic or official visas, as well as for visas issued by certain countries with particular travel restrictions or bilateral agreements.
3. The Chinese government issues stapled visas to Indian citizens from Arunachal Pradesh.

**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 stapled visa is simply an unstamped piece of paper that is attached by a pin or staples to a page of the passport and can be torn off or detached at will. This is different from a regular visa that is affixed to the passport by the issuing authority and stamped.

**Statements 2 and 3** are correct. Stapled visas are commonly used for diplomatic or official visas, as well as for visas issued by certain countries with particular travel restrictions or bilateral agreements. The Chinese government began issuing 'stapled visas' to Indian citizens from Arunachal Pradesh in 2009.

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

## 10 PM Compilation for the Month of August 2023

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

1. The debt-to-GDP ratio of the states is projected to increase on average.
2. Higher indebted states show a higher GDP growth.
3. UPI's growth has outpaced other methods like NEFT, IMPS, and debit card payments.

#### 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 debt-to-GDP ratio of the states is projected to increase on average. UPI's growth has outpaced other methods like NEFT, IMPS, and debit card payments.

**Statement 2** is incorrect. Higher indebted states show a slower GDP growth.

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

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

1. The Statistical System of India has been shaped by the constitutional division of subjects into the Union list, State list, and Concurrent list.
2. The National Statistical Office (NSO) is the nodal agency for planning and facilitating the integrated development of the national statistical system.
3. The National Statistical Commission (NSC) was created on the recommendation of C. Babu Rajiv Committee.

#### 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 Statistical System of India has been shaped by the constitutional division of subjects into the Union list, State list, and Concurrent list. The collection of statistics relating to any subject is generally the responsibility of the department concerned. NSO is the nodal agency for planning and facilitating the integrated development of the national statistical system.

**Statement 3** is incorrect. NSC was created on the recommendation of the Rangarajan Commission.

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

## 10 PM Compilation for the Month of August 2023

### PRELIMS

#### Q.1) With reference to Deep Technology, consider the following statements:

1. It refers to simple and easily accessible innovations that require minimal expertise and little research and development.
2. These technologies are often based on common knowledge and can be easily implemented without substantial investments or specialized skills.

Select the correct answer from 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. Deep technology refers to advanced and cutting-edge innovations that are based on scientific discoveries and engineering principles. These technologies often involve substantial research and development efforts, complex scientific understanding, and specialized expertise. Examples of deep technology include artificial intelligence (AI), quantum computing, biotechnology, etc.

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

#### Q.2) With reference to cell-free DNA (cfDNA) consider the following statements:

1. cfDNA refers to small fragments of DNA that are found in the bloodstream or other bodily fluids, such as urine or saliva.
2. cfDNA can also be found within the nucleus of cells.
3. cfDNA can help in the early detection, diagnosis and treatment of cancers.

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. cfDNA refers to small fragments of DNA that are found in the bloodstream or other bodily fluids, such as urine or saliva. cfDNA can help in the early detection, diagnosis and treatment of cancers.

**Statement 2** is incorrect. Cell-free DNA, as the name suggests, is not contained within cells; instead, it is freely circulating in bodily fluids like blood, urine, and saliva.

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

## 10 PM Compilation for the Month of August 2023

### Q.3) With reference to Trans Lunar Injection (TLI) consider the following statements:

1. It is a maneuver that involves slowing down a spacecraft's velocity to keep it in a stable orbit around the Earth.
2. The TLI is performed when the spacecraft is at a specific point in its orbit known as the 'perigee' or the closest point to Earth.

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. TLI is a critical maneuver in space travel that involves propelling a spacecraft out of Earth's orbit and setting it on a trajectory towards the Moon. This maneuver is a significant step in lunar missions and is used to transfer spacecraft from the Earth's vicinity to the Moon.

**Statement 2** is correct. The TLI is performed when the spacecraft is at a specific point in its orbit known as the 'perigee' or the closest point to Earth.

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

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

1. Akira, a type of ransomware, is found to target both Windows and Linux devices.
2. Ransomware is a type of software designed to protect computer systems from security threats and keep data secure.

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. Akira, a type of ransomware, is found to target both Windows and Linux devices.

**Statement 2** is incorrect. Ransomware is a category of malware that gains access to systems and makes them unusable to its legitimate users, either by encrypting different files on targeted systems or locking the system's screen unless a ransom is paid.

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

## 10 PM Compilation for the Month of August 2023

**Q.5) With reference to Bharat Skills platform, consider the following statements:**

1. The platform has been launched by Directorate General of Training (DGT)
2. It is an online platform designed to identify and enroll qualified individuals to receive training in the latest digital technologies and acquire relevant skills.

**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. Bharat Skills platform has been launched by Directorate General of Training (DGT) in the Ministry of Skill Development and Entrepreneurship (MSDE).

**Statement 2** is incorrect. It is a Central Digital Repository of updated curriculum, course content, digitally blended content, question banks and learning videos of all courses under the Craftsmen Training Scheme (CTS) and Crafts Instructor Training Scheme (CITS).

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

**Q.6) Consider the following statements:**

1. Urban flooding refers to the inundation of land or property within developed areas, particularly in densely populated locations such as cities, due to heavy rainfall that surpasses the drainage systems' capacity.
2. Under the Atal Mission for Rejuvenation and Urban Transformation (AMRUT) 2.0 Scheme, all buildings having a plot size of 100 sq.m. or, more shall mandatorily include the complete proposal of rainwater harvesting.

**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. Urban flooding refers to the inundation of land or property within developed areas, particularly in densely populated locations such as cities, due to heavy rainfall that surpasses the drainage systems' capacity.

**Statement 2** is incorrect. Under the Atal Mission for Rejuvenation and Urban Transformation (AMRUT) 2.0 Scheme, provisions have been made for harvesting the rainwater through storm water drains into the water body (which is not receiving sewage/effluent) & creation/strengthening of storm water drains around the water body.

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

## 10 PM Compilation for the Month of August 2023

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

1. Hydrogen is considered one of the cleanest sources of energy that can be easily obtained from indigestible biomass or bio-derived alcohols.
2. Hydrogen can be employed as a direct fuel for transportation, powering vehicles such as cars, buses, and trucks, offering an alternative to traditional gasoline and diesel.
3. Methanol has the potential to be a suitable option for obtaining hydrogen because of its high gravimetric hydrogen content of 12.6%.

### 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. Hydrogen is considered one of the cleanest sources of energy that can be easily obtained from indigestible biomass or bio-derived alcohols. Hydrogen can be employed as a direct fuel for transportation, powering vehicles such as cars, buses, and trucks, offering an alternative to traditional gasoline and diesel. Methanol has the potential to be a suitable option for obtaining hydrogen because its high gravimetric hydrogen content of 12.6%.

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

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

1. Falling space junk poses a significant threat to life and property on Earth.
2. There are currently no international regulations governing space debris, including debris falling back to Earth, as most of the debris falls in the High Seas, which remains unregulated.

### 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. Falling space junk poses a significant threat to life and property on Earth.

**Statement 2** is incorrect. There are international regulations governing space debris which include junk falling back on the earth such as Convention on International Liability for Damage Caused by Space Objects. The Convention deals mainly with damage caused by space objects to other space assets, but it also applies to damage caused by falling objects on earth.

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

## 10 PM Compilation for the Month of August 2023

**Q.9) With reference to Conjunctivitis, consider the following statements:**

1. It is often referred to as pink eye.
2. It is a disorder that affects the retina, the light-sensitive layer at the back of the eye.
3. Chemical conjunctivitis can be caused by irritants like air pollution, chlorine in swimming pools, and exposure to noxious chemicals.

**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. Conjunctivitis is often referred to as pink eye. Chemical conjunctivitis can be caused by irritants like air pollution, chlorine in swimming pools, and exposure to noxious chemicals.

**Statement 2** is incorrect. Conjunctivitis is an inflammation of the conjunctiva, the thin, transparent layer that covers the white part of the eye and lines the inner surface of the eyelids.

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

**Q.10) With reference to Farmer Producer Company (FPC) consider the following statements:**

1. FPC is a government-controlled entity that takes ownership of farmlands and resources to optimize agricultural production and profits.
2. An FPC can be formed when 10 or more farmers in a region band together.
3. FPCs registered under the Indian Companies Act, 2013, have democratic governance, each producer or member has equal voting rights irrespective of the number of shares held.

**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. FPC is a type of agricultural cooperative formed and owned by farmers to collectively enhance their income and improve their livelihoods. It is a hybrid between cooperative societies and private limited companies.

**Statements 2 and 3** are correct. An FPC can be formed when 10 or more farmers in a region band together. FPCs registered under the Indian Companies Act, 2013, have democratic governance, each producer or member has equal voting rights irrespective of the number of shares held.

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

## 10 PM Compilation for the Month of August 2023

### PRELIMS

**Q.1) "MPOWER measures" was seen in the news recently, is used in the context of-**

- Eradicating poverty
- Addressing malnutrition
- Reducing demand for tobacco
- Enhancing skill learning

**Answer: C**

**Explanation** – MPOWER are a set of six cost-effective and high impact measures that help countries reduce demand for tobacco.

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

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

- The Rohini Commission was formed to sub-categorise Other Backward Classes (OBCs) caste groups and recommend a quota, proportionate to their numbers, needs and backwardness, among them.
- OBCs currently get 17% reservation in central government jobs and admission to educational institutions.

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

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

**Answer: A**

**Explanation –**

**Statement 1** is correct. The Rohini Commission was formed to sub-categorise Other Backward Classes (OBCs) caste groups and recommend a quota, proportionate to their numbers, needs and backwardness, among them.

**Statement 2** is incorrect. OBCs currently get 27% reservation in central government jobs and admission to educational institutions.

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

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

**GI tagged products -----States**

- Nathdwara Pichhwai Painting-----Rajasthan
- Jaderi namakatti ----- Kerala
- Mushqbudji rice -----Uttar Pradesh
- Rajouri Chikri Wood Craft -----Jammu & Kashmir

**How many of the above pairs are correctly matched?**

- Only one
- Only two
- Only three
- All four

**Answer: B**

**Explanation –** 1 and 4 are correctly matched. Jaderi namakatti are clay sticks that are white in colour belongs to Tamil Nadu and Mushqbudji rice is of J&K.

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

## 10 PM Compilation for the Month of August 2023

**Q.4) With reference to the Government of National Capital Territory of Delhi (Amendment) Bill 2023, consider the following statements:**

1. The Bill establishes the National Capital Civil Services Authority (NCCSA) which consists of the Chief Minister, Chief Secretary of Delhi, Principal Home Secretary of Delhi.
2. The Bill empowers the LG to exercise his sole discretion on several matters including those recommended by the NCCSA and the summoning, prorogation and dissolution of the Delhi Legislative Assembly.
3. It prohibits department secretaries from bringing to the notice of the LG, the Chief Minister, and the Chief Secretary any matter that may bring Delhi Government into controversy with the Central Government.

**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 establishes the National Capital Civil Services Authority (NCCSA) which consists of the Chief Minister, Chief Secretary of Delhi, Principal Home Secretary of Delhi. The Bill empowers the LG to exercise his sole discretion on several matters including those recommended by the NCCSA and the summoning, prorogation and dissolution of the Delhi Legislative Assembly.

**Statement 3** is incorrect. It authorizes department secretaries to bring to the notice of the LG, the Chief Minister and the Chief Secretary any matter that may bring Delhi Government into controversy with the Central Government.

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

**Q.5) With reference to the World's Largest Grain Storage Plan in the Cooperative Sector, consider the following statements:**

1. It aims to create various agri infrastructure at Primary Agricultural Credit Societies (PACS) level, including warehouses, custom hiring center, processing units, Fair Price Shops, etc. by leveraging the 'whole-of-Government' approach.
2. The plan will be implemented by the convergence of eight schemes.

**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. The World's Largest Grain Storage Plan in the Cooperative Sector aims to create agri infrastructure at PACS level, including warehouses, custom hiring centers, processing units, Fair Price Shops, etc., using the 'whole-of-Government' approach. The plan will be implemented by the convergence of eight schemes.

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

## 10 PM Compilation for the Month of August 2023

**Q.6) With reference to the Forest (Conservation) Amendment Bill 2023, consider the following statements:**

1. The Bill stipulates that any land, regardless of its notification under the Indian Forest Act 1927 or any other relevant law, can be acknowledged as 'forests' under this Act.
2. The Bill seeks to exempt linear infrastructure projects like roads and highways from seeking forest clearance permissions if they are located within 100 km of the national border.

**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 Bill stipulates that only those lands that were notified as 'forest' under the Indian Forest Act 1927, any other relevant law or were recorded as 'forests' in government records will be acknowledged as 'forests' under this Act as well.

**Statement 2** is correct. The Bill seeks to exempt linear infrastructure projects like roads and highways from seeking forest clearance permissions if they are located within 100 km of the national border.

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

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

1. The Holocene epoch is characterized by a relatively stable and warm climate compared to the preceding ice age periods.
2. Paleoclimatology is the study of present and future climates, focusing on predicting climate changes and their impacts on the environment.

**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 Holocene is the name given to the last 11,700 years of the Earth's history — the time since the end of the last major glacial epoch or "ice age." It is characterized by a relatively stable and warm climate compared to the preceding ice age periods.

**Statement 2** is incorrect. Paleoclimatology is a branch of science that studies past climates and climate changes over geological timescales. It involves the examination of various proxies and indicators preserved in natural records, such as ice cores, tree rings to reconstruct ancient climates.

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

## 10 PM Compilation for the Month of August 2023

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

1. Polypills are a type of over-the-counter supplements that combine various vitamins and minerals to improve overall health and well-being.
2. Polypills are a safe and effective strategy to reduce the risk of heart attacks and strokes.

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. A polypill is a type of medication that combines multiple active pharmaceutical ingredients into a single pill. The concept behind polypills is to simplify medication regimens and improve patient adherence by reducing the number of pills a person needs to take each day.

**Statement 2** is correct. Polypills are a safe and effective strategy to reduce the risk of heart attacks and strokes.

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

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

1. Mass hysteria, also known as collective hysteria, is a phenomenon in which a large group of people experiences similar physical or emotional symptoms, often characterized by fear, anxiety, or other intense emotions.
2. The cause of mass hysteria is psychological rather than physiological.
3. Most of the time, incidents of mass hysteria are noted in schools or closed workspaces, where people suffer episodes of anxiety and illness, which seem to spread rapidly.

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. Mass hysteria, also known as collective hysteria, is a phenomenon in which a large group of people experiences similar physical or emotional symptoms, often characterized by fear, anxiety, or other intense emotions. The cause of mass hysteria is psychological rather than physiological. Most of the time, incidents of mass hysteria are noted in schools or closed workspaces, where people suffer episodes of anxiety and illness, which seem to spread rapidly.

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

## 10 PM Compilation for the Month of August 2023

**Q.10) With reference to the Indian Council for Cultural Relations (ICCR) consider the following statements:**

1. It is a government organization under the Ministry of Culture, Government of India.
2. Its primary objective is to serve as a premier research and resource center for the arts, culture, and cultural expressions of 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: D**

**Explanation –**

**Statements 1 and 2** are incorrect. ICCR is an autonomous organization under the Government of India's Ministry of External Affairs. Its primary objective is to strengthen India's cultural ties with other countries and promote cultural exchange, understanding, and cooperation on a global scale.

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

## 10 PM Compilation for the Month of August 2023

### PRELIMS

**Q.1) With reference to Good Manufacturing Practices (GMP) consider the following statements:**

1. These are a set of guidelines that prioritize speed and cost-cutting measures in the production of pharmaceuticals, often compromising product quality and safety.
2. The primary objective of GMP is to minimize the risks inherent in the production and to guarantee that the final products are safe for consumers and meet their intended use.

**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. GMP is the aspect of quality assurance that ensures that medicinal products are consistently produced and controlled to the quality standards appropriate to their intended use and as required by the product specification.

**Statement 2** is correct. The primary objective of GMP is to minimize the risks inherent in the production and to guarantee that the final products are safe for consumers and meet their intended use.

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

**Q.2) With reference to Vivad se Vishwas-II Scheme, consider the following statements:**

1. It aims to resolve the government's contractual disputes with private parties, clear the backlog of litigation and improve the ease of doing business.
2. The scheme will apply to all domestic contractual disputes where one of the parties is either the Government of India or an organisation operating under its control.
3. Eligible claims will be processed only through the government e-marketplace.

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

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

**Answer: C**

**Explanation –**

**Statements 1, 2 and 3** are correct. Vivad se Vishwas-II Scheme aims to resolve the government's contractual disputes with private parties, clear the backlog of litigation and improve the ease of doing business. The scheme will apply to all domestic contractual disputes where one of the parties is either the Government of India or an organisation operating under its control. Eligible claims will be processed only through the government e-marketplace.

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

## 10 PM Compilation for the Month of August 2023

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

1. Fund of Funds for Startups (FFS) Scheme facilitates the startups to file applications for patents, designs and trademarks through registered facilitators in appropriate IP offices by paying only the statutory fees.
2. Credit Guarantee Scheme for Startups (CGSS) is aimed at providing credit guarantee up to a specified limit against loans extended by Member Institutions (MIs) to finance DPIIT recognised startups.

**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. FFS Scheme was established with a corpus of Rs. 10,000 crores, to meet the funding needs of startups. DPIIT is the monitoring agency and Small Industries Development Bank of India (SIDBI) is the operating agency for FFS.

**Statement 2** is correct. CGSS is aimed at providing credit guarantee up to a specified limit against loans extended by Member Institutions (MIs) to finance DPIIT recognised startups.

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

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

1. India is a significant market for drugs and also serves as a transit route for drug trafficking to other countries.
2. The Golden Crescent is a term used to describe a region in North America known for its vast reserves of gold and other precious metals.

**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. India is a significant market for drugs and also serves as a transit route for drug trafficking to other countries.

**Statement 2** is incorrect. The Golden Crescent is a term used to refer to a region in South Asia known for its significant role in the cultivation and production of illicit opium and heroin. The region encompasses parts of Afghanistan, Iran, and Pakistan, and it is one of the world's major opium-producing areas.

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

## 10 PM Compilation for the Month of August 2023

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

1. Medical Value Travel (MVT) has seen a decline in India in recent years.
2. A new category of Ayush (AY) visa will be created for foreign nationals seeking treatment under Ayush systems or Indian systems of medicine.

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. MVT has seen significant growth in India in recent years. In the MTA's Medical Tourism Index (MIT) India is ranked 10th out of the 46 global destinations, 12th in 20 wellness tourism markets, and 5th in the wellness tourism market in Asia Pacific.

**Statement 2** is correct. The Ministry of Home Affairs, Government of India has notified the creation of a new category of Ayush (AY) visa for foreign nationals for treatment under Ayush systems/Indian systems of medicine.

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

### Q.6) With reference to Himalayan Griffon Vulture, consider the following statements:

1. The Himalayan Griffon Vulture is a small-sized vulture species commonly found in lowland regions and rainforests across South Asia.
2. It is listed as "Near Threatened" on the International Union for Conservation of Nature (IUCN) Red List.
3. Their role in consuming animal carcasses is of utmost importance in maintaining a clean environment and preventing the spread of diseases.

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 Himalayan Griffon Vulture is a large vulture species that inhabits the Himalayan region and surrounding areas. They inhabit the higher regions of the Himalayas and the Tibetan Plateau.

**Statements 2 and 3** are correct. Himalayan Griffon Vulture is listed as "Near Threatened" on the International Union for Conservation of Nature (IUCN) Red List. Their role in consuming animal carcasses is of utmost importance in maintaining a clean environment and preventing the spread of diseases.

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

## 10 PM Compilation for the Month of August 2023

**Q.7) With reference to eSanjeevani application, consider the following statements:**

1. The application offers a comprehensive solution for medical insurance and its related advantages, making it a convenient platform for users.
2. It is being designed, developed, deployed and maintained by The Centre for Development and Advanced Computing (C-DAC).

**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. eSanjeevani application is a telemedicine app that provides both doctor-to-doctor and doctor-to-patient telecommunication.

**Statement 2** is correct. The app is being designed, developed, deployed and maintained by The Centre for Development and Advanced Computing (C-DAC).

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

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

1. Time-of-Day (ToD) tariff is a pricing mechanism that encourages consumers to use electricity during peak hours by offering lower rates during those times.
2. ToD tariffs are commonly used in smart grid systems or advanced metering infrastructure, where consumers have smart meters that can record electricity usage in real-time.
3. ToD pricing makes billing more complicated.

**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. Under a ToD tariff, electricity rates are typically higher during peak demand periods when electricity consumption is at its highest, and lower during off-peak periods when demand is lower.

**Statement 2 and 3** are correct. ToD tariffs are commonly used in smart grid systems or advanced metering infrastructure, where consumers have smart meters that can record electricity usage in real-time. ToD pricing makes billing more complicated.

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

## 10 PM Compilation for the Month of August 2023

**Q.9) With reference to "Har Ghar Nal se Jal Scheme" consider the following statements:**

1. It aims to provide financial assistance for constructing more wells and hand pumps in rural areas, ensuring adequate water supply to every household.
2. It is a component of the Government's Jal Jeevan Mission.
3. It was launched by the Ministry of Jal Shakti.

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

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

**Answer: B**

**Explanation –**

**Statement 1** is incorrect. The scheme aims to provide tap water supply to every rural household and public institutions in villages like schools, anganwadi centres, tribal residential schools, health centres, Gram Panchayat building by 2024.

**Statement 2 and 3** are correct. It is a component of the Government's Jal Jeevan Mission and was launched by the Ministry of Jal Shakti in 2018.

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

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

1. Deep tech startups mostly originate from Tier I cities in India.
2. HB4 is a novel wheat variety developed to withstand drought conditions.

**Select the correct answer from 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. Deep tech startups mostly originate from Tier 2 and 3 cities in India.

**Statement 2** is correct. HB4 is a novel wheat variety developed to withstand drought conditions.

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

## 10 PM Compilation for the Month of August 2023

### PRELIMS

**Q.1) With reference to the Harmonised System of Nomenclature (HSN) code, consider the following statements:**

1. The HSN code is a system used to classify and categorize services offered by businesses in various industries.
2. Each HSN code represents a specific product or commodity.
3. In India, the HSN code is also used for the Goods and Services Tax (GST) system to classify goods for taxation purposes.

**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. HSN code is an internationally recognized system used to classify and categorize traded goods. It was developed by the World Customs Organization (WCO) to create a unified system for the classification of products in international trade.

**Statements 2 and 3** are correct. Each HSN code represents a specific product or commodity. In India, the HSN code is also used for the Goods and Services Tax (GST) system to classify goods for taxation purposes.

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

**Q.2) With reference to the Digital Personal Data Protection Bill 2023, consider the following statements:**

1. It proposes to set up a data protection board that will adjudicate on matters related to violations of the provisions including data breaches.
2. It strictly enforces data localisation requirements and prohibits cross-border data flow to any country or territory, irrespective of government notifications.
3. The Bill strikes off Section 43A of the Information Technology Act, 2000 that requires companies which mishandle user data to compensate 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: C**

**Explanation –**

**Statements 1 and 3** are correct. The bill proposes to set up a data protection board that will adjudicate on matters related to violations of the provisions including data breaches. The Bill strikes off Section 43A of the Information Technology Act, 2000 that requires companies which mishandle user data to compensate users.

**Statement 2** is incorrect. The Bill permits relaxed data localisation requirements and permits cross-border data flow to certain countries and territories as may be notified by the central government.

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

## 10 PM Compilation for the Month of August 2023

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

1. Study in India (SII) portal is a one-stop platform that will simplify international students' academic journey in India.
2. Study in India Programme aims to increase the number of international students in India and promote India as the preferred study destination, providing affordable and quality education as per global standards.

**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. SII portal is a one-stop platform that will simplify international students' academic journey in India. Study in India Programme aims to increase the number of international students in India and promote India as the preferred study destination, providing affordable and quality education as per global standards.

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

### Q.4) With reference to NIDHI Program, consider the following statements:

1. It aims to provide food and nutritional security by ensuring access to subsidized food grains to eligible households through the Public Distribution System (PDS).
2. It also encourages parents to save for the education and marriage expenses of their girl child.

**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. NIDHI Program aims to promote S&T based entrepreneurship and startup ecosystem across the country and to nurture start-ups through scouting, supporting and scaling of innovations. It is designed to support ideators and innovators since their early startup journey and link them to the entire market value chain.

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

## 10 PM Compilation for the Month of August 2023

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

1. Vulture Conservation Breeding Centres (VCBC) are involved in conservation breeding of the white-rumped vulture and slender-billed vulture.
2. Captive breeding is a practice that involves capturing wild animals and keeping them in captivity to exploit them for commercial purpose.

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. VCBC are involved in conservation breeding of the white-rumped vulture, slender-billed vulture and the Indian vulture.

**Statement 2** is incorrect. Captive breeding is the process of breeding animals outside of their natural environment in restricted conditions in farms, zoos or other closed facilities. The goal of captive breeding is to increase the population size of these endangered species and ultimately release individuals back into their natural habitats to bolster wild populations.

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

### Q.6) With reference to the Mediation Bill 2021, consider the following statements:

1. Persons can try to settle civil or commercial disputes through mediation before approaching any court or tribunal.
2. A party may withdraw from mediation after two mediation sessions.
3. The pre-litigation mediation has been made mandatory.

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. Persons can try to settle civil or commercial disputes through mediation before approaching any court or tribunal. A party may withdraw from mediation after two mediation sessions.

**Statement 3** is incorrect. The pre-litigation mediation is voluntary and not mandatory.

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

## 10 PM Compilation for the Month of August 2023

**Q.7) Which of the following statement is correct regarding “Rajmargyatra application”?**

- a) It empowers travelers with comprehensive information on Indian National Highways while also offering an efficient complaint redressal system.
- b) It helps in gathering information about the economic activities of a particular location.
- c) It provides crucial data and alerts to travelers by identifying and marking potential accident information points at various locations along the road.
- d) It ensures smooth movement of goods vehicles on National Highways by alerting the driver about jams and alternate routes.

**Answer: A**

**Explanation** – The app serves as a one-stop repository of essential information for National Highway users. Get real-time weather conditions, timely broadcast notifications, and access to details about nearby toll plazas, and other essential services that ensure a seamless and safe journey on National Highways. The app comes equipped with an inbuilt complaint redressal and escalation mechanism.

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

**Q.8) With reference to the Offshore Areas Mineral (Development and Regulation) Amendment Bill 2023, consider the following statements:**

- 1. The Bill allows for exploration, production, and composite licenses for atomic minerals to be granted to entities other than the government or government companies.
- 2. The Bill introduces a composite license for granting rights for exploration as well as production.
- 3. As per the Bill, a production lease is granted for a period of up to 30 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: B**

**Explanation –**

**Statement 1** is incorrect. The Bill provides that in case of atomic minerals, exploration, production, and composite licenses will be granted only to the government or government companies.

**Statements 2 and 3** are correct. The Bill introduces a composite license for granting rights for exploration as well as production. As per the Bill, a production lease is granted for a period of up to 30 years.

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

## 10 PM Compilation for the Month of August 2023

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

1. PRANA Portal is a portal for monitoring the implementation of the National Clean Air Programme (NCAP).
2. Sustainable Alternative Towards Affordable Transportation (SATAT) has been launched as an initiative to set up a Compressed Biogas (CBG) production plant and make CBG available in the market for use in automotive fuels.

### 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. PRANA stands for Portal for Regulation of Air-pollution in Non-Attainment cities. It is a portal for monitoring the implementation of the National Clean Air Programme (NCAP). SATAT) has been launched as an initiative to set up a Compressed Biogas (CBG) production plant and make CBG available in the market for use in automotive fuels.

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

## 10 PM Compilation for the Month of August 2023

### PRELIMS

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

1. Limited Purpose Clearing Corporation (LPCC) has been established to facilitate clearing and settling corporate bond repo transactions and promote an active repo market.
2. Corporate Debt Market Development Fund (CDMDF) will use the assigned capital to buy and hold eligible corporate debt securities from participating investors, such as specified debt-oriented MF schemes, and subsequently sell these securities as markets recover.

#### 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. LPCC has been established to facilitate clearing and settling corporate bond repo transactions and promote an active repo market. CDMDF will use the assigned capital (₹33,000 crore) to buy and hold eligible corporate debt securities from participating investors, such as specified debt-oriented MF schemes, and subsequently sell these securities as markets recover.

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

#### Q.2) With reference to Digital Health Incentives Scheme (DHIS) consider the following statements:

1. It aims to encourage the adoption and integration of health technologies by healthcare providers.
2. The incentive under the scheme can be availed by the health facilities and Digital Solution Companies registered with Ayushman Bharat Digital Mission (ABDM) Health Facility Registry.

#### Select the correct answer from 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. Under the scheme, the eligible health facilities and digital solutions companies shall be able to earn financial incentives of up to Rs. 4 crores based on the number of digital health records created and linked to ABHA (Ayushman Bharat Health Account) numbers of the patients. It aims to boost digital health transactions in the country under the ABDM.

**Statement 2** is correct. This incentive can be availed by the health facilities and Digital Solution Companies registered with Ayushman Bharat Digital Mission (ABDM) Health Facility Registry.

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

## 10 PM Compilation for the Month of August 2023

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

1. Ketoprofen and Aceclofenac are nonsteroidal anti-inflammatory drugs (NSAIDs) commonly used as pain relievers and to reduce inflammation in various conditions.
2. Recently, Ketoprofen and Aceclofenac have been approved to be used for the treatment of animals under the supervision of registered medical practitioner.

Select the correct answer from 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. Ketoprofen and Aceclofenac are nonsteroidal anti-inflammatory drugs (NSAIDs) commonly used as pain relievers and to reduce inflammation in various conditions.

**Statement 2** is incorrect. Ketoprofen and aceclofenac have been banned as they are harmful to cattle and can kill vultures too if they eat the carcasses of the animals that were administered with these two drugs.

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

### Q.4) Which of the following statement is incorrect regarding Manas National Park?

- a) It is famous for its wild water buffaloes.
- b) There is only one forest village, Pagrang, in the core of the national park.
- c) Manas is located at the foothills of the Western Himalayas.
- d) It is a UNESCO Natural World Heritage site.

**Answer: C**

**Explanation –** Manas National Park is located in Assam. Manas is located at the foothills of the Eastern Himalayas. The monsoon forests of Manas lie in the Brahmaputra Valley semi-evergreen forests ecoregion.

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

### Q.5) With reference to Postal Services Bill 2023, consider the following statements:

1. The Bill establishes a licensing system for postal service providers, ensuring that they meet the required criteria and standards.
2. The Bill seeks to replace the Indian Post Office Act of 1898.
3. The Bill seeks to revamp the postal department, especially its parcel services, making them competitive with private players to generate revenue.

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. There is no such aim of the Bill.

## 10 PM Compilation for the Month of August 2023

**Statement 2 and 3** are correct. The Bill seeks to replace the Indian Post Office Act of 1898, which governs the functioning of post offices in the country. The bill seeks to revamp the postal department, especially its parcel services, making them competitive with private players to generate revenue. It also seeks to enhance financial services in rural areas through the postal system.

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

### Q.6) Consider the following statements:

1. Dhala crater is Asia's largest and world's seventh-largest impact crater.
2. Ureilites are a type of metallic meteorite that contains a high proportion of iron and nickel.
3. Dhala crater was formed from meteorite known as Hexahedrites.

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

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

**Answer: A**

**Explanation –**

**Statement 1** is correct. Dhala crater is Asia's largest and world's seventh-largest impact crater.

**Statements 2 and 3** are incorrect. Ureilites are a type of stony meteorite that belong to a class of achondrite meteorites. They are primarily composed of minerals such as olivine and pyroxene. Dhala crater was formed from an ancient meteorite known as Ureilite.

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

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

1. Dry farming is an agricultural practice that relies only on natural rainfall for crop irrigation and does not involve the use of supplemental water sources.
2. Rainfed farming is a method of agriculture that relies only on the use of extensive irrigation systems and regular water supply to support crop growth in regions with unpredictable rainfall patterns.

**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. Dry farming is an agricultural practice that relies only on natural rainfall for crop irrigation and does not involve the use of supplemental water sources.

**Statement 2** is incorrect. Rainfed farming is a type of dryland farming that relies solely on rainfall for crop irrigation. It is practiced in areas where there is sufficient rainfall to support crop growth, but the amount and distribution of rainfall may vary from season to season.

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

## 10 PM Compilation for the Month of August 2023

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

1. Only about 20 percent goods are recycled in India.
2. National Resource Efficiency Policy (NREP) is a regulatory framework that makes manufacturers and producers responsible for the post-consumer waste generated by their products.
3. The Circular Economy promotes continuous growth and consumption without taking into account the environmental impact or the need for resource conservation.

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

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

**Answer: A**

#### Explanation –

**Statement 1** is correct. Only about 20 percent goods are recycled in India.

**Statements 2 and 3** are incorrect. NREP was launched in 2019 with the objective of promoting sustainable production and consumption patterns, enhancing resource efficiency, and reducing the environmental impact of economic activities. The Circular Economy is an economic system that aims to minimize waste and make the most of resources by promoting recycling, reusing, and remanufacturing.

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

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

1. Project Tiger is a Centrally Sponsored Scheme of the Ministry of Environment, Forests and Climate Change.
2. Madhya Pradesh has witnessed a notable rise in tiger population.
3. India currently harbors almost 75% of the world's wild tiger population.
4. The National Tiger Conservation Authority (NTCA) is a non-statutory body.

#### 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. Project Tiger is a Centrally Sponsored Scheme of the Ministry of Environment, Forests and Climate Change. Central India and the Shivalik Hills and Gangetic Plains witnessed a notable increase in tiger population, particularly in the states of Madhya Pradesh, Uttarakhand, and Maharashtra. India currently harbors almost 75% of the world's wild tiger population.

**Statement 4** is incorrect. NTCA is a statutory body.

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

## 10 PM Compilation for the Month of August 2023

**Q.10) With reference to the Finance Commission, consider the following statements:**

1. It is constituted by the President under Article 280 of the Constitution.
2. The Finance Commission's recommendations are crucial in determining the fiscal autonomy and stability of both the central and state governments.

**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. Finance Commission is constituted by the President under Article 280 of the Constitution. Its recommendations are crucial in determining the fiscal autonomy and stability of both the central and state governments.

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

## 10 PM Compilation for the Month of August 2023

### PRELIMS

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

1. The highest number of endemic species of birds in India have been recorded in the North Eastern India.
2. Manipur Bush Quail is listed as 'Endangered' in IUCN Red List.
3. India is home to approximately 12.40% of global bird diversity.

#### 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 highest number of endemic species of birds in India have been recorded in the Western Ghats.

**Statements 2 and 3** are correct. Manipur Bush Quail is listed as 'Endangered' in IUCN Red List. India is home to approximately 12.40% of global bird diversity.

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

#### Q.2) Consider the following statements with respect to Devika River:

1. The river is located in the southern part of India and is known for its arid landscapes.
2. The river is considered sacred in Hindu mythology and is often referred to as the sister of the Ganges 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. Devika river originates from the hilly Suddha Mahadev temple in the Udhampur district of Jammu and Kashmir and flows down towards western Punjab (now in Pakistan) where it merges with the Ravi River.

**Statement 2** is correct. The river is considered sacred in Hindu mythology and is often referred to as the sister of the Ganges River.

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

## 10 PM Compilation for the Month of August 2023

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

1. Neerakshi is a land-based communication device designed for long-distance radio transmission.
2. It has been developed in collaboration with Bhabha Atomic Research Centre (BARC) and Bharat Heavy Electricals Limited (BHEL).

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. Neerakshi is an autonomous underwater vehicle (AUV) designed to detect mines. It is a collaboration of Garden Reach Shipbuilders and Engineers (GRSE) Ltd and Aerospace Engineering Private Ltd (AEPL). It is the first of its kind in India and will be tested by the Navy, Coast Guard, and Army before being available commercially.

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

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

1. Starlink is a satellite constellation that comprises thousands of small satellites in low-Earth orbit.
2. Unlike traditional internet providers, Starlink doesn't require any ground infrastructure.
3. Starlink has made drone warfare much easier.

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. Starlink is a satellite constellation that comprises thousands of small satellites in low-Earth orbit. Unlike traditional internet providers, Starlink doesn't require any ground infrastructure. Starlink has made drone warfare much easier.

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

### Q.5) Gnanamuyarchi is a –

- a) Tamil manuscript
- b) A land grant or revenue assignment
- c) A territorial division or province within a kingdom.
- d) Jain text

**Answer: A**

**Explanation –** Gnanamuyarchi are Tamil manuscripts found in an Armenian monastery in Northern Italy.

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

## 10 PM Compilation for the Month of August 2023

### Q.6) Consider the following statements:

1. A Finance Bill can be introduced in either the Lok Sabha or the Rajya Sabha.
2. A Finance Bill has the potential to transform into a Money Bill if it is introduced in the Lok Sabha based on the President's recommendation.
3. The President certifies a Bill as a Money Bill.
4. The Lok Sabha has the right to reject the Rajya Sabha's recommendations when it comes to Money Bills.

### 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 4** are correct. A Finance Bill can be introduced in either the Lok Sabha or the Rajya Sabha. A Finance Bill has the potential to transform into a Money Bill if it is introduced in the Lok Sabha based on the President's recommendation. The Lok Sabha has the right to reject the Rajya Sabha's recommendations when it comes to Money Bills.

**Statement 3** is incorrect. The Speaker certifies a Bill as a Money Bill.

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

### Q.7) With reference to Samudrayaan Mission, consider the following statements:

1. It is a part of the Deep Ocean Mission.
2. It is India's first manned ocean mission.
3. Its aim is to assess the probability of establishing deep-sea war zones to enhance military combat capabilities.

### 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: A**

### Explanation -

**Statements 1 and 2** are correct. Samudrayaan Mission is a part of the Deep Ocean Mission. It is India's first manned ocean mission.

**Statement 3** is incorrect. It is designed to study deep-sea resources and conduct biodiversity assessments.

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

## 10 PM Compilation for the Month of August 2023

**Q.8) With reference to Amrit Bharat Stations scheme, consider the following statements:**

1. The scheme aims to develop high-speed rail connections between major cities in India.
2. The scheme is based on preparing Master Planning for long term and implementation of the same as per needs and demand of the station to station.
3. The scheme has been launched by the Ministry of Railways.

**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. Amrit Bharat Stations scheme aims to develop railway stations on a continuous basis with a long-term approach.

**Statements 2 and 3** are correct. The scheme is based on preparing Master Planning for long term and implementation of the same as per needs and demand of the station to station. The scheme has been launched by the Ministry of Railways.

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

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

1. Federalism is a basic feature of the Indian Constitution.
2. India follows a model of federalism that is symmetrical 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: A**

**Explanation –**

**Statement 1** is correct. The Supreme Court of India acknowledged federalism as a basic feature of the Constitution in the S R Bommai v Union of India case (1994).

**Statement 2** is incorrect. India follows a model of federalism that is asymmetrical in nature, meaning different states have different relationships with the Union. For example, Articles 371-A to 371-J.

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

## 10 PM Compilation for the Month of August 2023

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

1. The Constitution does not explicitly provide for division of powers between the judiciary and the executive.
2. Judicial function must only be carried out by an independent judicial authority that is not under the control of the executive.

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. The Constitution does not explicitly provide for division of powers between the judiciary and the executive. Article 50 only directs the state to achieve such a separation in due course. The Supreme Court has made it explicitly clear that a “judicial function” must only be carried out by an independent judicial authority that is not under the control of the executive.

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

## 10 PM Compilation for the Month of August 2023

### PRELIMS

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

1. The highest number of endemic species of birds in India have been recorded in the North Eastern India.
2. Manipur Bush Quail is listed as 'Endangered' in IUCN Red List.
3. India is home to approximately 12.40% of global bird diversity.

#### 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 highest number of endemic species of birds in India have been recorded in the Western Ghats.

**Statements 2 and 3** are correct. Manipur Bush Quail is listed as 'Endangered' in IUCN Red List. India is home to approximately 12.40% of global bird diversity.

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

#### Q.2) Consider the following statements with respect to Devika River:

1. The river is located in the southern part of India and is known for its arid landscapes.
2. The river is considered sacred in Hindu mythology and is often referred to as the sister of the Ganges 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. Devika river originates from the hilly Suddha Mahadev temple in the Udhampur district of Jammu and Kashmir and flows down towards western Punjab (now in Pakistan) where it merges with the Ravi River.

**Statement 2** is correct. The river is considered sacred in Hindu mythology and is often referred to as the sister of the Ganges River.

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

## 10 PM Compilation for the Month of August 2023

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

1. Neerakshi is a land-based communication device designed for long-distance radio transmission.
2. It has been developed in collaboration with Bhabha Atomic Research Centre (BARC) and Bharat Heavy Electricals Limited (BHEL).

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. Neerakshi is an autonomous underwater vehicle (AUV) designed to detect mines. It is a collaboration of Garden Reach Shipbuilders and Engineers (GRSE) Ltd and Aerospace Engineering Private Ltd (AEPL). It is the first of its kind in India and will be tested by the Navy, Coast Guard, and Army before being available commercially.

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

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

1. Starlink is a satellite constellation that comprises thousands of small satellites in low-Earth orbit.
2. Unlike traditional internet providers, Starlink doesn't require any ground infrastructure.
3. Starlink has made drone warfare much easier.

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. Starlink is a satellite constellation that comprises thousands of small satellites in low-Earth orbit. Unlike traditional internet providers, Starlink doesn't require any ground infrastructure. Starlink has made drone warfare much easier.

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

### Q.5) Gnanamuyarchi is a –

- a) Tamil manuscript
- b) A land grant or revenue assignment
- c) A territorial division or province within a kingdom.
- d) Jain text

**Answer: A**

**Explanation –** Gnanamuyarchi are Tamil manuscripts found in an Armenian monastery in Northern Italy.

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

## 10 PM Compilation for the Month of August 2023

### Q.6) Consider the following statements:

1. A Finance Bill can be introduced in either the Lok Sabha or the Rajya Sabha.
2. A Finance Bill has the potential to transform into a Money Bill if it is introduced in the Lok Sabha based on the President's recommendation.
3. The President certifies a Bill as a Money Bill.
4. The Lok Sabha has the right to reject the Rajya Sabha's recommendations when it comes to Money Bills.

### 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 4** are correct. A Finance Bill can be introduced in either the Lok Sabha or the Rajya Sabha. A Finance Bill has the potential to transform into a Money Bill if it is introduced in the Lok Sabha based on the President's recommendation. The Lok Sabha has the right to reject the Rajya Sabha's recommendations when it comes to Money Bills.

**Statement 3** is incorrect. The Speaker certifies a Bill as a Money Bill.

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

### Q.7) With reference to Samudrayaan Mission, consider the following statements:

1. It is a part of the Deep Ocean Mission.
2. It is India's first manned ocean mission.
3. Its aim is to assess the probability of establishing deep-sea war zones to enhance military combat capabilities.

### 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: A**

### Explanation -

**Statements 1 and 2** are correct. Samudrayaan Mission is a part of the Deep Ocean Mission. It is India's first manned ocean mission.

**Statement 3** is incorrect. It is designed to study deep-sea resources and conduct biodiversity assessments.

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

## 10 PM Compilation for the Month of August 2023

**Q.8) With reference to Amrit Bharat Stations scheme, consider the following statements:**

1. The scheme aims to develop high-speed rail connections between major cities in India.
2. The scheme is based on preparing Master Planning for long term and implementation of the same as per needs and demand of the station to station.
3. The scheme has been launched by the Ministry of Railways.

**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. Amrit Bharat Stations scheme aims to develop railway stations on a continuous basis with a long-term approach.

**Statements 2 and 3** are correct. The scheme is based on preparing Master Planning for long term and implementation of the same as per needs and demand of the station to station. The scheme has been launched by the Ministry of Railways.

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

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

1. Federalism is a basic feature of the Indian Constitution.
2. India follows a model of federalism that is symmetrical 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: A**

**Explanation –**

**Statement 1** is correct. The Supreme Court of India acknowledged federalism as a basic feature of the Constitution in the S R Bommai v Union of India case (1994).

**Statement 2** is incorrect. India follows a model of federalism that is asymmetrical in nature, meaning different states have different relationships with the Union. For example, Articles 371-A to 371-J.

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

## 10 PM Compilation for the Month of August 2023

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

1. The Constitution does not explicitly provide for division of powers between the judiciary and the executive.
2. Judicial function must only be carried out by an independent judicial authority that is not under the control of the executive.

**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. The Constitution does not explicitly provide for division of powers between the judiciary and the executive. Article 50 only directs the state to achieve such a separation in due course. The Supreme Court has made it explicitly clear that a “judicial function” must only be carried out by an independent judicial authority that is not under the control of the executive.

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

## 10 PM Compilation for the Month of August 2023

### PRELIMS

**Q.1) With reference to Jan Vishwas (Amendment of Provisions) Bill, 2023 consider the following statements:**

1. The Bill raises penalties for pharmacy owners who breach their licensing terms.
2. The aims to remove criminalization from minor offenses that do not pose a threat to public interest or national security, substituting them with civil penalties or administrative measures.

**Select the correct answer from 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 Bill lowers penalties for pharmacy owners who breach their licensing terms.

**Statement 2** is correct. The primary aim of the Bill is to remove criminalization from minor offenses that do not pose a threat to public interest or national security, substituting them with civil penalties or administrative measures.

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

**Q.2) With reference to State of Elementary Education in Rural India report, consider the following statements:**

1. Around 49.3% of students in rural India have access to smartphones.
2. Only 34% of smartphone-accessible students use their devices for study-related downloads.

**Select the correct answer from 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. Around 49.3% of students in rural India have access to smartphones. Only 34% of smartphone-accessible students use their devices for study-related downloads.

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

## 10 PM Compilation for the Month of August 2023

**Q.3) With reference to IMS-1 satellite bus, consider the following statements:**

1. It was developed by the UR Rao Satellite Centre.
2. It is primarily used for underwater exploration and marine research, aiding in the study of oceanic ecosystems and underwater geological formations.

**Select the correct answer from 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 IMS-1 satellite bus was developed by the UR Rao Satellite Centre.

**Statement 2** is incorrect. It is a small satellite platform designed to enable low-cost access to space. The bus can serve as a dedicated vehicle for many different payloads, facilitating Earth imaging, ocean and atmospheric studies, microwave remote sensing and space science missions.

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

**Q.4) With reference to Select Committee, consider the following statements:**

1. The actual number of memberships of the Select Committee is not fixed.
2. A Select Committee is a permanent institution and it operates independently of any procedural guidelines.
3. The quorum for each sitting needs to be one-third of the total number of members of the committee.
4. The Committee may ask Government officials to explain the Bill's intentions and provide necessary information.

**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, 3 and 4** are correct. The actual number of memberships of the Select Committee is not fixed; it varies from Committee to Committee. The quorum for each sitting needs to be one-third of the total number of members of the committee. The Committee may ask Government officials to explain the Bill's intentions and provide necessary information.

**Statement 2** is incorrect. A Select Committee is temporary in nature and it follows the procedure laid down in the Rules of Procedure.

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

## 10 PM Compilation for the Month of August 2023

**Q.5) With reference to the National Dental Commission Act 2023, consider the following statements:**

1. The Act establishes the National Dental Commission and mandates the formation of State Dental Councils or Joint Dental Councils.
2. The Act abolishes the concept of maintaining any form of registry for licensed dentists and dental auxiliaries.
3. The Act introduces a fixed tenure for the Chairperson, Members, and Secretary of the Commission, with no possibility of reappointment.

**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 Act establishes the National Dental Commission and mandates the formation of State Dental Councils or Joint Dental Councils. The Act will introduce a fixed tenure for the Chairperson, Members, and Secretary of the Commission, with no possibility of reappointment.

**Statement 2** is incorrect. The Act will provide for maintaining an online and live National Register of licensed dentists and dental auxiliaries.

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

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

1. The waste produced by nuclear fusion is less radioactive and decays much more quickly.
2. Nuclear fusion utilizes fossil fuels like oil or gas and also adds to the production of significant amount of greenhouse gases.
3. In nuclear fusion, pairs of tiny particles called atoms are heated and forced together to make one heavier one.

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

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

**Answer: D**

**Explanation –**

**Statements 1 and 3** are correct. The waste produced by nuclear fusion is less radioactive and decays much more quickly. In nuclear fusion, pairs of tiny particles called atoms are heated and forced together to make one heavier one.

**Statement 2** is incorrect. Nuclear fusion not only eliminates the need for fossil fuels like oil or gas but also avoids the generation of greenhouse gases.

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

## 10 PM Compilation for the Month of August 2023

**Q.7) With reference to the WTO Agreement on Import Licensing Procedures, consider the following statements:**

1. As per Agreement on Import Licensing Procedures, all WTO members are required to notify their laws, rules and procedures on import licensing as well as changes to these regulations.
2. It sets out specific rules regarding the application and administration of import licenses, including provisions for timely processing, notification, and review.

**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 –**

**Statements 1 and 2** are correct. As per Agreement on Import Licensing Procedures, all WTO members are required to notify their laws, rules and procedures on import licensing as well as changes to these regulations. It sets out specific rules regarding the application and administration of import licenses, including provisions for timely processing, notification, and review.

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

**Q.8) With reference to Pradhan Mantri Jan Arogya Yojana, consider the following statements:**

1. There is no cap on family size and age in the scheme.
2. The beneficiaries can avail benefits only in public facilities.
3. It offers cashless hospitalization and treatment across empaneled hospitals.

**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 3** are correct. There is no cap on family size and age in the scheme. It offers cashless hospitalization and treatment across empaneled hospitals.

**Statement 2** is incorrect. The beneficiaries can avail benefits in both public and empanelled private facilities.

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

## 10 PM Compilation for the Month of August 2023

**Q.9) With reference to the Births and Deaths (Amendment) Bill 2023, consider the following statements:**

1. Its objective is to establish a comprehensive National and State-level database of registered births and deaths, facilitating the efficient and transparent delivery of public services and social benefits by updating other databases.
2. It allows the birth certificate to be used as an optional document for purposes such as admission to educational institutions.

**Select the correct 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 objective of the Bill is to establish a comprehensive National and State-level database of registered births and deaths, facilitating the efficient and transparent delivery of public services and social benefits by updating other databases.

**Statement 2** is incorrect. The Bill provides for the birth certificate to be used as a required document for various purposes such as admission to educational institutions, inclusion in voter lists, and government employment.

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

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

1. Argentina, Bolivia, and Chile are known as the Lithium Triangle.
2. Hard rock lithium, typically found in the Eastern hemisphere, requires much more water and electricity to mine and process than the lithium produced from brine.
3. According to the Mines and Minerals (Development and Regulation) Act, only Indian nationals or firms whose members are Indian nationals are eligible for prospecting licences or mining leases.

**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. Argentina, Bolivia, and Chile are known as the Lithium Triangle. Hard rock lithium, typically found in the Eastern hemisphere, requires much more water and electricity to mine and process than the lithium produced from brine. According to the Mines and Minerals (Development and Regulation) Act, only Indian nationals or firms whose members are Indian nationals are eligible for prospecting licences or mining leases.

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

## 10 PM Compilation for the Month of August 2023

### PRELIMS

#### Q.1) Consider the following statements with reference to Maya Operating System (OS):

1. Maya OS is a proprietary operating system used primarily for large-scale computing, originally developed by Digital Equipment Corporation (DEC).
2. It has a similar interface and functionality as Windows.
3. Its Chakravayuh feature is an end-point anti-malware and antivirus software that creates a virtual layer between the user and the internet, blocking hackers from accessing sensitive data.

#### 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. Maya OS is a new operating system that is based on Ubuntu, a popular Linux distribution that uses free and open-source software. It has been developed by Ministry of Defence in collaboration with DRDO, C-DAC and NIC.

**Statements 2 and 3** are correct. It has a similar interface and functionality as Windows. Its Chakravayuh feature is an end-point anti-malware and antivirus software that creates a virtual layer between the user and the internet, blocking hackers from accessing sensitive data.

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

#### Q.2) With reference to Assam Rifles, consider the following statements:

1. It is primarily responsible for guarding India's land borders with Pakistan and Bangladesh.
2. It is India's oldest paramilitary force.
3. The administrative control of the force is with the Ministry of Home Affairs (MHA) but its operational control is with the Indian Army, which is under the Ministry of Defence (MoD).
4. It was involved in the Sino-Indian war of 1962.

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

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

**Answer: B**

#### Explanation –

**Statements 1** is incorrect. Assam Rifles are tasked with maintaining law and order in the Northeast along with the Indian Army. It also guards the Indo-Myanmar border. It has dual role.

**Statements 2, 3 and 4** are correct. It is India's oldest paramilitary force. It was formed in 1835 as a militia called the 'Cachar Levy' to primarily protect British Tea estates and their settlements against tribal raids. The administrative control of the force is with the Ministry of Home Affairs (MHA) but its operational control is with the Indian Army, which is under the Ministry of Defence (MoD). Assam Rifles has gone on to fight in two World Wars, the Sino-Indian war of 1962.

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

## 10 PM Compilation for the Month of August 2023

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

1. Green hydrogen is produced by burning hydrogen gas with coal, releasing carbon dioxide as a byproduct.
2. National Green Hydrogen Mission aims to make India a Global Hub for production, usage and export of Green Hydrogen and its derivatives.

**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. Green hydrogen is produced using a process called electrolysis, which involves splitting water (H<sub>2</sub>O) into hydrogen (H<sub>2</sub>) and oxygen (O<sub>2</sub>) using electricity. It can also be produced from biomass through thermochemical and biochemical routes.

**Statement 2** is correct. National Green Hydrogen Mission aims to make India a Global Hub for production, usage and export of Green Hydrogen and its derivatives.

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

### Q.4) With reference to the Coastal Aquaculture Authority (Amendment) Bill 2023, consider the following statements:

1. The Bill prohibits regulation of activities such as nucleus breeding centres and hatcheries.
2. The Bill allows some allied activities in protected areas.

**Select the correct answer from 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 Bill allows regulation of activities such as nucleus breeding centres and hatcheries.

**Statement 2** is correct. The Bill allows some allied activities in protected areas. For instance: activities like nucleus breeding centers will be permitted to operate in no development zones.

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

## 10 PM Compilation for the Month of August 2023

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

1. Ubuntu is a popular Linux operating system known for its strong security.
2. Ubuntu is also distributed as free and open-source software, which means that anyone can inspect, modify, and improve its code.

Select the correct answer from 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. Ubuntu is a popular Linux operating system known for its strong security. Ubuntu is also distributed as free and open-source software, which means that anyone can inspect, modify, and improve its code.

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

### Q.6) Consider the following statements:

1. Rashba splitting, also known as the Rashba effect, is a phenomenon where the spin-splitting of electronic energy levels occurs in a material due to the spin-orbit interaction.
2. Spintronics combines concepts from physics, materials science, and electrical engineering.
3. Spintronics involves harnessing the energy produced by the rotational motion of spinning objects, such as wind turbines, to generate electricity.

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. Rashba splitting, also known as the Rashba effect, is a phenomenon where the spin-splitting of electronic energy levels occurs in a material due to the spin-orbit interaction. Spintronics combines concepts from physics, materials science, and electrical engineering.

**Statement 3** is incorrect. Spintronics, short for "spin transport electronics," is an emerging field of science and technology that explores the intrinsic spin of electrons as well as their fundamental electronic charge. Unlike traditional electronics that rely solely on the charge of electrons, spintronics utilizes both the charge and the spin of electrons for various applications.

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

## 10 PM Compilation for the Month of August 2023

**Q.7) Bandipur Tiger Reserve is located in –**

- a) Assam
- b) Karnataka
- c) Rajasthan
- d) Madhya Pradesh

**Answer: B**

**Explanation –** Bandipur Tiger Reserve is located in Karnataka. It is an integral part of the Nilgiri Biosphere Reserve.

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

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

1. Indian Web Browser Development Challenge (IWBCD) is an open challenge competition that seeks to inspire and empower technology enthusiasts, innovators, and developers from all corners of the country to create an indigenous web browser.
2. SSL Certificates are primarily used to track users' online activities and share their personal information with third-party advertisers without their consent.
3. India does not have a root certifying authority trusted by major browsers such as Google Chrome, Mozilla Firefox and Microsoft Edge.

**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. IWBCD is an open challenge competition that seeks to inspire and empower technology enthusiasts, innovators, and developers from all corners of the country to create an indigenous web browser. India does not have a root certifying authority trusted by major browsers such as Google Chrome, Mozilla Firefox and Microsoft Edge.

**Statement 2** is incorrect. SSL certificates are used to encrypt websites and to make sure that browsers know that a website is not being modified or impersonated by attackers. Browsers trust these certificates if they are issued by a certifying authority that is in turn trusted by a 'root certifying authority'.

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

## 10 PM Compilation for the Month of August 2023

**Q.9) With reference to Vaquita porpoise, consider the following statements:**

1. The Vaquita porpoise is a strong predator noted for its aggressive behaviour and dominant position in marine ecosystems.
2. The vaquita is unique among the porpoises as it is the only species of that family found in warm waters.
3. They have been categorized as Critically Endangered on the IUCN Red List.

**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. Vaquita Porpoise is the world's smallest cetacean. It is also known as the "panda of the sea" for the distinctive black circles around its eyes, along with a proportionally large dorsal fin. It is considered the world's most endangered marine mammal.

**Statements 2 and 3** are correct. The vaquita is unique among the porpoises as it is the only species of that family found in warm waters. They have been categorized as Critically Endangered on the IUCN Red List.

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

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

1. Cluster Munitions are non-precision weapons that are designed to injure or kill human beings indiscriminately over a large area and to destroy vehicles and infrastructure such as runways, railway or power transmission lines.
2. Convention on Cluster Munitions (CCM) is an international treaty prohibits the use, transfer, production, and stockpiling of cluster bombs.
3. Israel and India are signatories to CCM.

**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. Cluster Munitions are non-precision weapons that are designed to injure or kill human beings indiscriminately over a large area and to destroy vehicles and infrastructure such as runways, railway or power transmission lines. CCM is an international treaty prohibits the use, transfer, production, and stockpiling of cluster bombs.

**Statement 3** is incorrect. The U.S., Russia, China, Israel, India, and Ukraine are not signatories to CCM.

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

## 10 PM Compilation for the Month of August 2023

**Q.1) With reference to Amazon Cooperation Treaty Organization (ACTO) consider the following statements:**

1. Peru is a member of the organization.
2. ACTO is a coalition of nations united to gain authority over the Amazon rainforest, which frequently results in disputes and harm to the environment.
3. Its secretariat is located in Brasilia, Brazil.

**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 3** are correct. Its member countries are Bolivia, Brazil, Colombia, Ecuador, Guyana, Peru, Suriname, and Venezuela. Its secretariat is located in Brasilia, Brazil.

**Statement 2** is incorrect. ACTO aims to promote sustainable development, environmental protection, and regional cooperation among its member countries in order to address various challenges facing the Amazon rainforest and its communities.

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

**Q.2) With reference to Interpol Global Academy Network, consider the following statements:**

1. It is a network of trusted law enforcement national or regional education institutions providing a global approach to law enforcement training.
2. The members of the network help INTERPOL by providing specialized training, ongoing education, creating new programs and collaborating on research. This boosts skill development for law enforcement globally.

**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. Interpol Global Academy Network is a network of trusted law enforcement national or regional education institutions providing a global approach to law enforcement training. The members of the network help INTERPOL by providing specialized training, ongoing education, creating new programs and collaborating on research. This boosts skill development for law enforcement globally.

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

## 10 PM Compilation for the Month of August 2023

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

1. The federal funds rate is the interest rate that U.S. banks pay one another to borrow or loan money overnight.
2. When the US Fed increases rates, RBI decreases interest rates in India.

**Select the correct answer from 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 federal funds rate is the interest rate that U.S. banks pay one another to borrow or loan money overnight.

**Statement 2** is incorrect. When the US Fed increases rates, RBI also has to increase interest rates here in India so that the outflows of funds from the FIIs (Foreign Institutional Investors) can be curtailed to save guard the rupee.

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

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

1. Exercise Malabar is a bilateral exercise featuring the maritime forces of Russia and India.
2. Malabar exercise provides an opportunity to the Indian Navy to enhance and demonstrate interoperability and also gain from the best practices in maritime security operations from its partner nations.

**Select the correct answer from 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. Exercise Malabar began in 1992 as a bilateral exercise featuring the maritime forces of the US and India.

**Statement 2** is correct. Malabar exercise provides an opportunity to the Indian Navy to enhance and demonstrate interoperability and also gain from the best practices in maritime security operations from its partner nation.

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

## 10 PM Compilation for the Month of August 2023

**Q.5) With reference to CBI Academy, consider the following statements:**

1. It is a premier training institution in the fields of crime investigation, prosecution and vigilance functioning.
2. It is located in Hyderabad.

**Select the correct answer from 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. CBI Academy is a premier training institution in the fields of crime investigation, prosecution and vigilance functioning.

**Statement 2** is incorrect. It is located in Ghaziabad, Uttar Pradesh.

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

**Q.6) Which of the following statement is correct regarding “Belem Declaration”?**

- a) It calls for a free and diverse press as a fundamental component of democratic societies.
- b) It reaffirms the universality of human rights and emphasizes the interdependence of development and human rights.
- c) It addresses key concerns related to the Amazon rainforest and its sustainable development.
- d) It emphasizes the use of e-government and digital technologies to improve public services and governance.

**Answer: B**

**Explanation –** The Belém Declaration is a significant international agreement reached in 2009 by the Amazon Cooperation Treaty Organization (ACTO) member countries. It addresses key concerns related to the Amazon rainforest and its sustainable development.

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

**Q.7) With reference to Mangrove Forests, consider the following statements:**

1. Mangroves enhance the quality of water by capturing sediments and pollutants, which in turn benefits marine ecosystems.
2. Around 62% of mangrove loss is due to farming, aquaculture, and infrastructure development.
3. Mangrove forests are composed of deciduous trees that lose their leaves during the rainy season to conserve 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: A**

**Explanation –**

## 10 PM Compilation for the Month of August 2023

**Statements 1 and 2** are correct. Mangroves enhance the quality of water by capturing sediments and pollutants, which in turn benefits marine ecosystems. Around 62% of mangrove loss is due to farming, aquaculture, and infrastructure development.

**Statement 3** is incorrect. Mangrove forests are primarily composed of evergreen trees and shrubs that are adapted to the saline and waterlogged conditions of coastal and brackish water environments.

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

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

1. Flood management including erosion control falls within the purview of the States.
2. The National Water Commission (NWC) is responsible for predicting and giving early warnings about floods 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: A**

**Explanation –**

**Statement 1** is correct. Flood management including erosion control falls within the purview of the States.

**Statement 2** is incorrect. The Central Water Commission (CWC) is responsible for predicting and giving early warnings about floods in India.

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

**Q.9) Consider the following statements with reference to the Mekong-Ganga Cooperation (MGC):**

1. It is a financial consortium established to control agricultural production and distribution in Southeast Asia.
2. It is also indicative of the cultural and commercial linkages among the member countries of the MGC.
3. The first MGC Ministerial Meeting was held in Vientiane, Laos.

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

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

**Answer: B**

**Explanation –**

**Statement 1** is incorrect. MGC is an initiative by six countries – India and five ASEAN countries, namely, Cambodia, Lao PDR, Myanmar, Thailand and Vietnam for cooperation in tourism, culture, education, as well as transport and communications.

**Statements 2 and 3** are correct. MGC is also indicative of the cultural and commercial linkages among the member countries of the MGC. The first MGC Ministerial Meeting was held in Vientiane, Laos.

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

## 10 PM Compilation for the Month of August 2023

**Q.10) With reference to the country Niger, consider the following statements:**

1. It is a landlocked country located in West Africa.
2. Its official language is French.
3. Gashaka Gumti National Park is the largest national park of the country.

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

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

**Answer: D**

**Explanation –**

**Statements 1 and 2** are correct. Niger is a landlocked country located in West Africa. Its official language is French.

**Statement 3** is incorrect. "W" National Park, also known as W-Arly-Pendjari Complex is the largest national park in Niger.

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

## 10 PM Compilation for the Month of August 2023

### PRELIMS

#### Q.1) With reference to Soil Health Cards (SHCs) scheme, consider the following statements:

1. It offers farmers financial incentives based on the number of soil samples they collect and submit for testing, encouraging them to participate in the program.
2. The Soil Health Card portal has been revamped and integrated with a Geographic Information System (GIS) system so that all the test results are captured and seen on a map.

Select the correct answer from 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. SHC Scheme provides farmers with information about the health of their soil through soil testing, and it offers customized recommendations for nutrient management and soil improvement practices.

**Statement 2** is correct. Recently, the Soil Health Card portal has been revamped and integrated with a Geographic Information System (GIS) system so that all the test results are captured and seen on a map.

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

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

1. Janaushadhi Sugam is a program aims to provide affordable and high-quality generic medicines to the public.
2. Generic medicines are advanced pharmaceutical products developed with the latest technology, offering greater effectiveness and safety compared to traditional brand-name drugs.

Select the correct answer from 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. Janaushadhi Sugam is a mobile application that provides information to the public about the location of kendras, helps them search Janaushadhi medicines and compare the maximum retail price of Generic vs. Branded medicines. Generic medicines are pharmaceutical products that are equivalent to brand-name drugs in terms of active ingredients, dosage, intended use, route of administration, quality, and effectiveness. They are sold under their chemical name or a non-proprietary name and are often available at a lower cost compared to brand-name counterparts.

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

## 10 PM Compilation for the Month of August 2023

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

1. Solar flares are a continuous stream of charged particles that are ejected from the Sun's corona and released into space.
2. Geomagnetic storms are disturbances in Earth's magnetic field caused by interactions between the solar wind and Earth's magnetosphere.
3. Solar flares are caused by the gravitational interaction between the Sun and other celestial bodies in the solar system, leading to the sudden release of energy and radiation.

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

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

**Answer: A**

### Explanation –

**Statement 1 and 3** are incorrect. Solar flares are sudden and intense bursts of energy and radiation that originate from the Sun's surface or corona, often associated with magnetic activity in active regions or sunspots. Solar flares occur due to the entanglement, intersection, or rearrangement of magnetic field lines near sunspots. Solar winds are a stream of plasma particles that are ejected from the Sun's atmosphere.

**Statement 2** is correct. Geomagnetic storms are disturbances in Earth's magnetic field caused by interactions between the solar wind and Earth's magnetosphere.

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

### Q.4) With reference to Athidhi Portal, consider the following statements:

1. It is a portal introduced by the central government with the purpose of protecting foreign visitors to India from potential scams or fraudulent activities.
2. A unique ID will be assigned upon registration on the portal, which will store the visiting history of foreigners in India.

### Select the correct answer from 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. Athidhi Portal has been launched by the Kerala government. It is a user-friendly web portal to expedite the registration for migrant workers in Kerala. The enrolling officer will examine the details entered in the portal and issue a unique ID to each worker. The portal will also ensure that they have social security,

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

## 10 PM Compilation for the Month of August 2023

**Q.5) Mushkbudji Rice is related to –**

- a) Punjab
- b) Haryana
- c) Jammu & Kashmir
- d) Andhra Pradesh

**Answer: C**

**Explanation –** Mushkbudji Rice is short, bold aromatic rice grown in the higher reaches of Kashmir valley.

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

**Q.6) Consider the following statements:**

- 1. India has around 20% of the worldwide wild elephant population.
- 2. Asian Elephants are categorized as Vulnerable in the IUCN Red List.
- 3. Project Elephant, a centrally funded program, aims to safeguard and conserve elephants, their natural habitats and corridors.

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. India has around 60% of the worldwide wild elephant population. Asian Elephants are categorized as Endangered in the IUCN Red List.

**Statement 3** is correct. Project Elephant, a centrally funded program, aims to safeguard and conserve elephants, their natural habitats and corridors.

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

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

- 1. In terms of territory, demographics, military, and economy, India is the third largest country in South Asia.
- 2. The Global North remains the most vulnerable to the impacts of climate change.
- 3. The youth in the Global South covers about 90 percent of the world's total youth population.

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

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

**Answer: D**

**Explanation –**

**Statements 1 and 2** are incorrect. In terms of territory, demographics, military, and economy, India is the largest country in South Asia. The Global South, owing to its geography and political economy, remains the most vulnerable to the impacts of climate change.

**Statement 3** is correct. The youth in the Global South covers about 90 percent of the world's total youth population.

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

## 10 PM Compilation for the Month of August 2023

**Q.8) With reference to Digital Personal Data Protection Bill 2023, consider the following statements:**

1. Personal data may be processed only for a lawful purpose after obtaining the consent of the individual.
2. The central government will establish the Data Protection Board of India.
3. The Bill prohibits the transfer of personal data outside 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: A**

**Explanation –**

**Statements 1 and 2** are correct. As per the Bill, personal data may be processed only for a lawful purpose after obtaining the consent of the individual and the central government will establish the Data Protection Board of India.

**Statement 3** is incorrect. The Bill allows transfer of personal data outside India, except to countries restricted by the central government through notification.

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

**Q.9) With reference to Mines and Minerals Amendment Bill 2023, consider the following statements:**

1. The Bill introduces a novel license category aimed at fostering exploration by private sector players at the reconnaissance and prospective stages.
2. While the central government will grant the exploration licence through competitive bidding, state government will frame rules for exploration licensing.
3. The exploration licence will be issued 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: C**

**Explanation –**

**Statements 1 and 3** are correct. The Bill introduces a novel license category aimed at fostering exploration by private sector players at the reconnaissance and prospective stages. The exploration licence will be issued for five years which can further be extended for two years upon request.

**Statement 2** is incorrect. While the state government will grant the exploration licence through competitive bidding, central government will frame rules for exploration licensing.

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

## 10 PM Compilation for the Month of August 2023

**Q.10) Which of the following country is a member of both ASEAN and G20?**

- a) Singapore
- b) Indonesia
- c) Vietnam
- d) Myanmar

**Answer: B**

**Explanation** – Indonesia is a member of ASEAN as well as G20.

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

## 10 PM Compilation for the Month of August 2023

### PRELIMS

#### Q.1) Consider the following statements with reference to Parliamentary Privileges:

1. Parliamentary privileges provide members of a legislative body with the power to intervene in legal proceedings of the court.
2. Each House of Parliament is the guardian of its privileges.
3. The Code of Civil Procedure protects MPs from arrest and detention under civil cases during a parliamentary session.

#### 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. Parliamentary privileges grant members of a legislative body certain legal immunities and protections to ensure their freedom of speech, independence, and ability to carry out their legislative functions without fear of legal actions or interference.

**Statements 2 and 3** are correct. Each House of Parliament is the guardian of its privileges. The Code of Civil Procedure protects MPs from arrest and detention under civil cases during a parliamentary session.

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

#### Q.2) With reference to Placenta, consider the following statements:

1. It plays a role in regulating the immune response, ensuring the fetus is not attacked by the mother's immune system.
2. Placenta-on-a-chip (POC) device imitates different stages of pregnancy such as blood flow and cell interactions.

#### Select the correct answer from 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. Placenta plays a role in regulating the immune response, ensuring the fetus is not attacked by the mother's immune system. POC device imitates different stages of pregnancy such as blood flow and cell interactions.

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

## 10 PM Compilation for the Month of August 2023

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

1. Carbon-enhanced metal-poor (CEMP) stars are young, bright stars found in galaxies that have a high concentration of heavy elements, such as iron, and they exhibit low levels of carbon in their composition.
2. HE 1005-1439 is classified as a carbon-enhanced metal-poor (CEMP) star.

Select the correct answer from 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. CEMP stars are old and primitive stars found in galaxies, including the Milky Way. They have low amounts of heavy elements (metals) but high levels of carbon and other elements produced by earlier generations of stars. These stars provide insights into the early universe and help astronomers understand the processes that occurred during the formation of the first stars.

**Statement 2** is correct. HE 1005-1439 is classified as a CEMP star.

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

### Q.4) Maliyali Tribes are found in –

- a) Karnataka
- b) Kerala
- c) Tamil Nadu
- d) Odisha

**Answer: C**

**Explanation –** Maliyali Tribes are spread across Tamil Nadu's hilly region.

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

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

1. SARAS Aajeevika is a government initiative focused on urban development and infrastructure improvement in India.
2. One District One Product (ODOP) initiative aims to select, brand, and promote at least One Product from each District of the country for enabling holistic socioeconomic growth across all regions.
3. One District One Product (ODOP) Wall is a collaboration between One District One Product (ODOP) initiative and SARAS Aajeevika.

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 –**

## 10 PM Compilation for the Month of August 2023

**Statement 1** is incorrect. SARAS Aajeevika aims to bring the rural women SHG members formed under DAY NRLM under one platform to showcase their skills, sell and build linkages with potential market players at a fair price.

**Statement 2 and 3** are correct. ODOP initiative aims to select, brand, and promote at least One Product from each District of the country for enabling holistic socioeconomic growth across all regions. ODOP Wall is a collaboration between One District One Product (ODOP) initiative and SARAS Aajeevika. This collaboration aims to drive consumers towards boosting sales and increasing the visibility of SARAS products.

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

**Q.6) Consider the following statements:**

1. Only 35% of the Nitrogen applied through urea is actually used by crops.
2. The Urea Gold contains a higher amount of sulfur content compared to its nitrogen content.
3. India's yearly urea usage ranks just below that of China.

**Which of the 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 –**

**Statements 1 and 3** are correct. Only 35% of the Nitrogen applied through urea is actually used by crops. India's yearly urea usage ranks just below that of China.

**Statement 2** is incorrect. Urea gold is made up of 37% Nitrogen and 17% Sulphur.

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

**Q.7) With reference to Samudrayaan Mission, consider the following statements:**

1. It is India's first unmanned ocean mission.
2. It is designed to study deep-sea resources and conduct biodiversity assessments.
3. The submersible will only be used for exploration purposes, causing minimum to zero damage to the ecosystem.
4. The National Institute of Technology (NIT) in Chennai is designing and developing the Samudrayaan project.

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

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

**Answer: B**

**Explanation –**

**Statements 2 and 3** are correct. Samudrayaan Mission is designed to study deep-sea resources and conduct biodiversity assessments. The submersible will only be used for exploration purposes, causing minimum to zero damage to the ecosystem.

**Statements 1 and 4** are incorrect. It is India's first manned ocean mission. The National Institute of Ocean Technology (NIOT) in Chennai is designing and developing the Samudrayaan project and it is likely to be ready by 2026.

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

## 10 PM Compilation for the Month of August 2023

**Q.8) With reference to the Digital Personal Data Protection (DPDP) Act 2023, consider the following statements:**

1. It intends to increase accountability among internet companies, mobile apps, and businesses regarding citizens' data, in line with the Right to Privacy.
2. It places several obligations on data fiduciaries to safeguard personal data and privacy.

**Select the correct answer form 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. DPDP Act 2023 intends to increase accountability among internet companies, mobile apps, and businesses regarding citizens' data, in line with the Right to Privacy. It places several obligations on data fiduciaries to safeguard personal data and privacy.

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

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

1. Earthquakes occur due to the gravitational pull of the moon and stars on the Earth's surface.
2. Nearly 59% of the land mass of India is prone to earthquakes.
3. When energy is released at the focus, seismic waves travel inward from that point in all directions.

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

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

**Answer: B**

**Explanation -**

**Statements 1 and 3** are incorrect. An earthquake is caused by tremors due to the movement of the tectonic plates inside the earth. An earthquake originates from 'focus', a place inside Earth's crust. The nearest place on the surface from a focus is called 'epicentre'. When energy is released at the focus, seismic waves travel outward from that point in all directions.

**Statement 2** is correct. According to the government of India, a total of nearly 59% of the land mass of India (covering all states of India) is prone to earthquakes of different intensities.

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

**PRELIMS**

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

1. It involves rearranging an organism's DNA to create new genetic codes.
2. Metagenomics, a type of genome sequencing technique, rapidly studies the virus's genetic information, without prior knowledge of the infectious agent.
3. Genome sequencing has helped scientists to control the mpox 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. Genome sequencing is process of figuring out the order of DNA nucleotides, or bases, in a genome that make up an organism's DNA.

**Statements 2 and 3** are correct. Metagenomics, a type of genome sequencing technique, rapidly studies the virus's genetic information, without prior knowledge of the infectious agent. Genome sequencing has helped scientists to control the mpox virus.

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

**Q.2) With reference to Aditya – L1 Mission, consider the following statements:**

1. It is the first Indian space mission to observe the Sun and the solar corona.
2. Visible Emission Line Coronagraph (VELC) is the largest payload to be carried on the Aditya-L1.
3. Out of seven payloads, its four payloads will directly view the Sun.

**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. Aditya – L1 Mission is the first Indian space mission to observe the Sun and the solar corona. VELC is the largest payload to be carried on board the Aditya-L1. Out of seven payloads, it four payloads will directly view the Sun and the remaining three payloads will carry out in-situ studies of particles and fields at L1.

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

## 10 PM Compilation for the Month of August 2023

**Q.3) With reference to microplastics, consider the following statements:**

1. Microplastics are biodegradable.
2. Microbeads are a type of microplastic.
3. Microplastics have been suggested to have an indirect role in conditions such as obesity.

**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. Microplastics are non-biodegradable.

**Statements 2 and 3** are correct. Microbeads are a type of microplastic. Microplastics have been suggested to have an indirect role in conditions such as obesity.

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

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

1. Pradhan Mantri Awas Yojana Urban offers free internet services to residents in urban areas to promote digital connectivity and online education, as part of its affordable housing initiative.
2. Vishwakarma scheme aims to improve the quality, scale and reach of products and services of artisans and craftspeople and to integrate them with the domestic and global value chain.

**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. PMAY-U is a flagship housing scheme launched by the Government of India to provide affordable housing to urban residents. The scheme aims to address the housing needs of the economically weaker sections, low-income groups, and middle-income groups in urban areas across the country.

**Statement 2** is correct. Vishwakarma scheme aims to improve the quality, scale and reach of products and services of artisans and craftspeople and to integrate them with the domestic and global value chain.

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

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**Q.5) With reference to Luna 25 Mission, consider the following statements:**

1. The mission has been launched by Russia.
2. Luna-25 does not carry a rover.
3. Luna-25 weighs heavier than Chandrayaan-3.
4. It aims to execute a pinpoint landing near the moon's south pole.

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

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

**Answer: C**

**Explanation –**

**Statements 1, 2 and 4** are correct. Luna 25 Mission has been launched by Russia. It does not carry a rover. It aims to execute a pinpoint landing near the moon's south pole.

**Statement 3** is incorrect. Luna-25 weighs much less than Chandrayaan-3.

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

**Q.6) Consider the following statements:**

1. Jim Corbett National Park is located in Uttarakhand.
2. White-rumped vulture is categorized as Vulnerable in the IUCN Red List.
3. Oriental darter bird is found in India.

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

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

**Answer: B**

**Explanation –**

**Statements 1 and 3** are correct. Jim Corbett National Park is located in Uttarakhand. Oriental darter bird is found in India.

**Statement 2** is incorrect. White-rumped vulture is categorized as Critically Endangered in the IUCN Red List.

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

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

1. The Kola Peninsula is a landlocked region located within the African continent.
2. Murmansk port is situated in southern Russia, along the Black Sea coast.
3. The Northern Sea Route (NSR) is a waterway that runs along the southern coast of Africa, connecting the Indian Ocean to the Atlantic Ocean.

**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. Kola Peninsula is a peninsula in the extreme northwest of Russia and one of the largest peninsulas of Europe. Murmansk port is located in northwestern

## 10 PM Compilation for the Month of August 2023

Russia, on the Kola Peninsula, near the Barents Sea and the Arctic Ocean. NSR connects the eastern and western parts of the Arctic Ocean. It is the shortest shipping route connecting the western part of Eurasia and the Asia-Pacific region.

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

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

1. The India Graphene Engineering and Innovation Centre (I-GEIC) is a research facility focused on developing advanced agricultural techniques for rural communities.
2. A Maker Village is a traditional marketplace where artisans trade handmade goods and livestock.
3. Graphene is stronger than steel.

**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. I-GEIC has been established in Kerala. It will fill the gap between R&D and commercialization by providing a complete facility to startup and industry. Maker Village is a pioneering startup initiative of the Ministry of Electronics and Information Technology, Government of India with Indian Institute of Information Technology, Trivandrum as the implementation agency and Kerala Startup Mission as the supporting partner.

**Statement 3** is correct. Graphene is stronger than steel, very stretchable and can be used as a flexible conductor. Its thermal conductivity is much higher than that of silver.

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

### Q.9) With reference to Inclusive Conservation Initiative (ICI) consider the following statements:

1. The initiative will get technical support and supervision by Conservation International and the International Union for Conservation of Nature (IUCN).
2. It aims to protect endangered species by encouraging their relocation.

**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. ICI will get technical support and supervision by the IUCN and Conservation International.

**Statement 2** is incorrect. ICI aims to enhance Indigenous Peoples' and Local Communities' (IPs and LCs) efforts to protect land, waters and natural resources to deliver global environmental benefits.

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

## 10 PM Compilation for the Month of August 2023

**Q.10) Who of the following was known as Gandhiburi?**

- a) Kanaklata Barua
- b) Matangini Hazra
- c) Lakshmi Sahgal
- d) Tara Rani Srivastava

**Answer: B**

**Explanation** – Matangini Hazra followed the path of Mahatama Gandhi and hence was also came to be known as Gandhiburi (the old Gandhian woman).

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

## 10 PM Compilation for the Month of August 2023

### PRELIMS

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

1. It is a Central Sector Scheme.
2. It aims to establish a network of space research centers to explore celestial phenomena and extraterrestrial life.
3. The duration of the scheme is 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: C**

**Explanation –**

**Statements 1 and 3** are correct. Vishwakarma Scheme is a Central Sector Scheme. The duration of the scheme is for five years (FY 2023-24 to FY 2027-28).

**Statement 2** is incorrect. It aims to improve the quality, as well as the reach of products and services of artisans and craftspeople and to ensure that the Vishwakarmas are integrated with the domestic and global value chains.

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

**Q.2) With reference to PM-eBus Sewa Scheme, consider the following statements:**

1. An e-bus is any bus whose propulsion and accessory systems are powered exclusively by a zero-emissions electricity source.
2. The scheme will help reduce noise and air pollution in Indian cities and also curb carbon emissions.
3. The scheme also aims to establish a network of underwater public transportation using specially designed electric buses that can navigate through submerged tunnels.

**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. An e-bus is any bus whose propulsion and accessory systems are powered exclusively by a zero-emissions electricity source. The scheme will help reduce noise and air pollution in Indian cities and also curb carbon emissions.

**Statement 3** is incorrect. The scheme aims to enhance green mobility in the cities. It will cover cities of Three lakh and above population as per census 2011 including all the Capital cities of Union Territories, North Eastern Region and Hill States.

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

## 10 PM Compilation for the Month of August 2023

**Q.3) With reference to Pibot, consider the following statements:**

1. It is the world's first humanoid pilot.
2. It can fly an aero plane just like a human pilot by manipulating all the single controls in the cockpit, which is designed for humans.

**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. Pibot is the world's first humanoid pilot. It can fly an aero plane just like a human pilot by manipulating all the single controls in the cockpit, which is designed for humans.

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

**Q.4) With reference to Tylototriton zaimeng, consider the following statements:**

1. It is a species of tropical fish commonly found in the Amazon rainforest.
2. It possesses a broad and substantial head with a rounded snout and prominent bony ridges on top, complemented by a noticeable sagittal ridge along its crown.

**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. Tylototriton zaimeng is a salamander species found in the Zaimeng Lake of Manipur.

**Statement 2** is correct. Tylototriton zaimeng possesses a broad and substantial head with a rounded snout and prominent bony ridges on top, complemented by a noticeable sagittal ridge along its crown.

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

**Q.5) With reference to Zaimeng Lake, consider the following statements:**

1. Zaimeng Lake is found within the Himalayan region, situated atop the Pir Panjal Mountain ranges in Jammu and Kashmir.
2. The majority of the lake consists primarily of a dense mixture of marshy vegetation, including thick grass-like weeds, reeds, and various types of green mosses.

**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 –**

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**Statement 1** is incorrect. Zaimeng Lake is located atop the Khongtheng mountain ranges in the region of Manipur.

**Statement 2** is correct. The majority of the lake consists primarily of a dense mixture of marshy vegetation, including thick grass-like weeds, reeds, and various types of green mosses.

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

### Q.6) Which of the following is the objective of SAMUDRA app?

- It aims to offer comprehensive information on all ocean related services, useful for both seafarers and the fishing community.
- Its goal is to recruit individuals to investigate the ocean floor in search of gas reserves.
- Its objective is to furnish fishermen with comprehensive details about marine creatures, thereby enriching their understanding of fish species.
- It aims to offer foundational knowledge to individuals aspiring to begin a career in the shipping industry.

**Answer: A**

**Explanation** – SAMUDRA stands for Smart Access to Marine Users for Ocean Data Resources and Advisories. It aims to offer comprehensive information on all ocean related services, useful for both seafarers and the fishing community.

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

### Q.7) Which of the following countries Danube River passes through?

- Ireland, Iceland, Albania, Malta
- Cyprus, Luxemburg, Solvenia, Belarus
- Germany, Austria, Slovakia, Hungary
- Estonia, Montenegro, Kosovo, Lithuania

**Answer: C**

**Explanation** – Danube is the second-longest river in Europe, after the Volga in Russia. It originates in the Black Forest of Germany, the Danube flows southeastward through or along the borders of ten nations, including Austria, Slovakia, Hungary, Croatia, Serbia, Bulgaria, Romania, Moldova, and Ukraine, before finally reaching its delta at the Black Sea.

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

### Q.8) With reference to Global Initiative on Digital Health, consider the following statements:

- It has been launched by the World Bank in collaboration with Clinton Health Access Initiative (CHAI).
- It is aimed at data convergence, interface of health platforms and investments in the digital health space around the globe.

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

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

**Answer: B**

**Explanation –**

## 10 PM Compilation for the Month of August 2023

**Statement 1** is incorrect. Global Initiative on Digital Health has been launched by India in collaboration with the World Health Organization (WHO).

**Statement 2** is correct. It is aimed at data convergence, interface of health platforms and investments in the digital health space around the globe.

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

**Q.9) With reference to Sulina Channel, consider the following statements:**

1. The Sulina Channel is located in the northwestern part of the Danube Delta.
2. The channel's primary purpose is to facilitate navigation and trade between the Danube River and the Black Sea.
3. It lies completely within the borders of Romania.

**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 Sulina Channel is located in the northeastern part of the Danube Delta.

**Statements 2 and 3** are correct. The channel's primary purpose is to facilitate navigation and trade between the Danube River and the Black Sea. It lies completely within the borders of Romania, a NATO member.

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

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

1. Wildlife Crime Control Bureau (WCCB) combats wildlife crime and enforce the provisions of the Wildlife (Protection) Act, 1972.
2. Elephant reserves and corridors are legally protected under the Wildlife Protection Act (WLPA), 1972.

**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 2** is incorrect. Elephant reserves and corridors have no legal sanctity under the Wildlife Protection Act (WLPA), 1972.

**Statement 1** is correct. WCCB combats wildlife crime and enforce the provisions of the Wildlife (Protection) Act, 1972.

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

## 10 PM Compilation for the Month of August 2023

### PRELIMS

#### Q.1) With reference to Floodwatch App, consider the following statements:

1. It aims to provide a seven-day advisory on the chances of floods at various stations in the country where the CWC maintains its measurement gauges.
2. It utilizes advanced technologies such as satellite data analysis, mathematical modeling and real-time monitoring to deliver accurate and timely flood forecasts.
3. The app has been launched by the Central Pollution Control Board (CPCB).

#### 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. Floodwatch App aims to provide a seven-day advisory on the chances of floods at various stations in the country where the CWC maintains its measurement gauges. It utilizes advanced technologies such as satellite data analysis, mathematical modeling and real-time monitoring to deliver accurate and timely flood forecasts.

**Statement 3** is incorrect. The app has been launched by the Central Water Commission (CWC).

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

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

1. Climate terminations refer to sudden changes in weather patterns caused by shifts in ocean currents and solar radiation, leading to long periods of stable and consistent climate conditions.
2. Methane spike marked shift in past climate terminations.

#### 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. Climate terminations refer to periods of significant and often rapid climate change that mark the transition between glacial (cold) and interglacial (warmer) periods in Earth's history.

**Statement 2** is correct. Methane spike marked shift in past Climate Terminations. Methane levels have surged since 2006.

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

## 10 PM Compilation for the Month of August 2023

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

1. A 5G network incorporates several software-based technologies such as NFV, SDN, and control plane/user plane segregation.
2. Zero-day attacks happen when hackers exploit vulnerabilities in computer programs that have already been fixed and secured by software developers.

**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. A 5G network incorporates several software-based technologies such as NFV, SDN, and control plane/user plane segregation.

**Statement 2** is incorrect. Zero-day attacks happen when hackers exploit vulnerabilities in software before the software developers have had a chance to release a fix or patch for those vulnerabilities.

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

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

1. Sanchar Saathi Portal is a platform for connecting people with opportunities in the field of telecommunications and networking, allowing users to learn about various career paths and job openings in the industry.
2. The government is making it mandatory for telecom operators to register franchisees, PoS agents, and distributors to prevent fraudulent issuance of SIM cards to malicious individuals.

**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. Sanchar Saathi Portal is a citizen-centric initiative of the Department of Telecommunications to empower mobile subscribers, strengthen their security and increase awareness about citizen-centric initiatives of the Government.

**Statement 2** is correct. The government is making it mandatory for telecom operators to register franchisees, PoS agents, and distributors to prevent fraudulent issuance of SIM cards to malicious individuals.

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

## 10 PM Compilation for the Month of August 2023

### Q.5) Consider the following statements with reference to Nanoindentation Technique:

1. It is particularly useful for testing small-scale samples or thin films that cannot be accurately tested using traditional macroscopic methods.
2. It is a technique used to measure the color and reflectivity of materials at the nanometer scale, providing insights into their optical properties and surface appearance.
3. Nanoindentation results can provide insights into a material's microstructure, including grain boundaries, phase changes, and defects.

#### 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. Nanoindentation Technique is particularly useful for testing small-scale samples or thin films that cannot be accurately tested using traditional macroscopic methods. Nanoindentation results can provide insights into a material's microstructure, including grain boundaries, phase changes, and defects.

**Statement 2** is incorrect. Nanoindentation is a materials testing technique used to measure mechanical properties such as hardness, elastic modulus and other material responses at very small scales, often on the order of nanometers.

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

### Q.6) Consider the following statements:

1. Project-17 Alpha is also known as the Nilgiri class frigate project.
2. INS Vindhyagiri is the sixth stealth frigate constructed under Project-17 Alpha.

**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. Project-17 Alpha is also known as the Nilgiri class frigate project. INS Vindhyagiri is the sixth stealth frigate constructed under Project-17 Alpha.

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

## 10 PM Compilation for the Month of August 2023

**Q.7) With reference to UDGAM Portal, consider the following statements:**

1. It is a platform designed to promote environmental conservation by encouraging the use of single-use/biodegradable plastics and disposable products in everyday life.
2. It has been launched by the Reserve Bank of India (RBI).

**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. UDGAM Portal stands for Unclaimed Deposits – Gateway to Access information. Its aim is to aid users to identify their unclaimed deposits/ accounts and enable them to either claim the deposit amount or make their deposit accounts operative at their respective banks.

**Statement 2** is correct. The portal has been launched by the RBI.

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

**Q.8) With reference to Small Modular Reactors (SMRs) consider the following statements:**

1. SMRs require significant upfront capital investment and have higher operational costs than the conventional nuclear power plants.
2. SMRs are adaptable and can be scaled up or down to supply more or less power.
3. SMR-based power plants might only need to refuel every three to seven years, as opposed to every one to two years for traditional plants.

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

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

**Answer: B**

**Explanation –**

**Statement 1** is incorrect. SMRs aim to achieve economies of scale through modular construction and standardized designs, potentially making them more cost-effective for smaller energy markets or remote locations than the conventional nuclear power plants.

**Statements 2** and **3** are correct. SMRs are adaptable and can be scaled up or down to supply more or less power. SMR-based power plants might only need to refuel every three to seven years, as opposed to every one to two years for traditional plants.

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

## 10 PM Compilation for the Month of August 2023

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

1. India does not have a legal ban on smartphones in schools.
2. As per the State of Elementary Education in Rural India report 2023, around 49.3% of students in rural India have access to smartphones.

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

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

**Answer: C**

**Explanation –**

**Statements 1 and 2** are correct. India does not have a legal ban on smartphones in schools. As per the State of Elementary Education in Rural India report 2023, around 49.3% of students in rural India have access to smartphones.

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

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

1. In the Lok Sabha, members causing disruptions can be suspended under Rule 256.
2. Rules of the Houses of Parliament are framed under Article 118 of the Constitution.

**Select the correct answer from 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. In the Lok Sabha, members causing disruptions can be suspended under Rule 374 while in the Rajya Sabha, a similar procedure is followed under Rule 256.

**Statement 2** is correct. Rules of the Houses of Parliament are framed under Article 118 of the Constitution.

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

## 10 PM Compilation for the Month of August 2023

### PRELIMS

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

1. National Super Computing Mission (NSM) aims to connect research and academic institutions to a supercomputing grid all over the country.
2. Pratyush supercomputer is installed at the Indian Institute of Tropical Meteorology.
3. Supercomputers are primarily used to process and analyze data at speeds comparable to standard desktop computers, making them a convenient choice for routine tasks.

#### 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. NSM aims to connect research and academic institutions to a supercomputing grid all over the country. Pratyush supercomputer is installed at the Indian Institute of Tropical Meteorology. It is a Cray XC40 machine.

**Statement 3** is incorrect. Supercomputers are high-performance computing systems designed to handle complex calculations, simulations, and data analysis tasks at incredibly fast speeds, often used for scientific research, engineering simulations, weather forecasting, and other compute-intensive applications.

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

#### Q.2) With reference to 3D Printing, consider the following statements:

1. 3D printing is also known as subtracting manufacturing.
2. It uses a subtractive process where layers of material are gradually removed from a solid block, resulting in the creation of intricate designs.
3. 3D printing is being used in different industries like healthcare, automobile and aerospace.

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

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

**Answer: D**

#### Explanation –

**Statements 1 and 2** are incorrect. 3D printing is also known as additive manufacturing. It is a process that builds three-dimensional objects by adding material layer by layer based on a digital design.

**Statement 3** is correct. 3D printing is being used in different industries like healthcare, automobile and aerospace.

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

## 10 PM Compilation for the Month of August 2023

**Q.3) The Reserve Bank of India (RBI) has issued a fresh set of guidelines for banks and other regulated entities (REs) on the imposition of penalties on loan borrowers. With reference to these guidelines, consider the following statements:**

1. As per RBI guidelines, penalties incurred due to default on interest payments or non-compliance of material terms and conditions of a loan contract by the borrower will now be recorded as 'penal interest' rather than 'penal charges'.
2. Penal charges will not be added to the principal outstanding amount and they will be imposed separately.

**Select the correct answer from 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. According to RBI guidelines, penalties charged for default on interest payments or non-compliance of material terms and conditions of loan contract by the borrower would now be accrued as 'penal charges' instead of 'penal interest'.

**Statement 2** is correct. As per the guidelines, there shall be no capitalisation of penal charges, that is, it shall be levied separately and not be added to the principal outstanding amount.

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

**Q.4) With reference to Pradhan Mantri Jan-Dhan Yojana (PMJDY) consider the following statements:**

1. PMJDY accounts come with a range of essential banking services, including the issuance of a RuPay debit card, passbook, and checkbook.
2. It encourages people to invest in high-risk stocks and speculative financial ventures.
3. The scheme also focuses on enhancing financial literacy and awareness among account holders.

**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. PMJDY accounts come with a range of essential banking services, including the issuance of a RuPay debit card, passbook, and checkbook. The scheme also focuses on enhancing financial literacy and awareness among account holders.

**Statement 2** is incorrect. There is no such aim of the scheme.

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

## 10 PM Compilation for the Month of August 2023

**Q.5) With reference to Innovative Bio-Trace Minerals Project, consider the following statements:**

1. It is an initiative aimed at exploring and harnessing the potential of trace minerals in preventing heart attacks.
2. The project also contributes to the circular economy by repurposing silkworm pupae meal, reducing waste from the silk industry.
3. This project aligns with the goals of the National Livestock Mission.

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

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

**Answer: C**

**Explanation –**

**Statement 1** is incorrect. The project aims to revolutionize the manufacturing of bio-trace minerals for animal feed particularly targeting the livestock and poultry/dairy sectors. These minerals are essential for animals' health.

**Statements 2 and 3** are correct. The project also contributes to the circular economy by repurposing silkworm pupae meal, reducing waste from the silk industry. This project aligns with the goals of the National Livestock Mission.

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

**Q.6) Consider the following statements:**

1. Self-Help Group (SHG) is a voluntary association of the economically poor, usually drawn from the same socio-economic background, and who resolve to come together for a common purpose of solving their issues and problems through self-help and community action.
2. Lakhpati Didi Scheme aims to empower women by providing financial assistance to deserving candidates, helping them achieve financial independence and stability.

**Select the correct answer from 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. SHG is a voluntary association of the economically poor, usually drawn from the same socio-economic background, and who resolve to come together for a common purpose of solving their issues and problems through self-help and community action.

**Statement 2** is incorrect. Lakhpati Didi Scheme aims to provide skill development training to women to encourage them to establish micro-enterprises so that they can earn at least Rs 1 lakh annually.

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

## 10 PM Compilation for the Month of August 2023

**Q.7) Recently, the WHO South-East Asia Region has adopted Gandhinagar Declaration. The declaration is related to –**

- Developing vaccines for future pandemics.
- Tackling malnutrition amongst children.
- Accelerating efforts to end tuberculosis by 2030.
- Supporting India in establishing world class health facilities.

**Answer: C**

**Explanation –** The WHO South-East Asia Region has committed to further accelerate efforts to end tuberculosis by 2030 with member countries adopting the Gandhinagar Declaration.

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

**Q.8) With reference to the Mediation Bill 2021, consider the following statements:**

- The Bill has reduced the mediation period.
- It has transformed the pre-litigation mediation from obligatory to voluntary.

**Select the correct answer from the codes given below:**

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

**Answer: C**

**Explanation –**

**Statements 1 and 2** are correct. The Mediation Bill 2021 has reduced the mediation period from 180 to 90 days. It has transformed the pre-litigation mediation from obligatory to voluntary.

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

**Q.9) With reference to the BRICS grouping, consider the following statements:**

- BRICS countries account for a substantial portion of the world's GDP and trade volume.
- BRICS is seen as a geopolitical force that aims to reform global institutions, challenge existing power dynamics, and address the concerns of developing nations on international platforms.
- The New Development Bank (NDB) was established by BRICS member countries with an emphasis on providing funding for space exploration projects.

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

- Only one
- Only two
- All three
- None

**Answer: B**

**Statements 1 and 2** are correct. BRICS countries account for a substantial portion of the world's GDP and trade volume. BRICS is seen as a geopolitical force that aims to reform global institutions, challenge existing power dynamics, and address the concerns of developing nations on international platforms.

**Statement 3** is incorrect. The New Development Bank (NDB) is also known as the BRICS Bank. It was established by BRICS member countries, focuses on financing infrastructure and

## 10 PM Compilation for the Month of August 2023

sustainable development projects in emerging economies, providing an alternative to traditional lending institutions like the World Bank and the International Monetary Fund.

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

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

1. As per 2011 census, tribals constitute 8.6% of the country's total population.
2. The responsibility of managing the birth and death registration lies with the central government.

**Select the correct answer from 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. As per 2011 census, tribals constitute 8.6% of the country's total population.

**Statement 2** is incorrect. The responsibility of managing the birth and death registration lies with state governments.

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

## 10 PM Compilation for the Month of August 2023

### PRELIMS

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

1. Public Tech Platform for Frictionless Credit is an end-to-end digital platform that will have an open architecture, open Application Programming Interfaces (APIs), and standards to which all banks can connect in a "plug and play" model.
2. Under frictionless credit, individuals need to go through extensive paperwork, credit checks and lengthy approval procedures before getting loan.

**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. Public Tech Platform for Frictionless Credit is an end-to-end digital platform that will have an open architecture, open Application Programming Interfaces (APIs), and standards to which all banks can connect in a "plug and play" model.

**Statement 2** is incorrect. Unlike the traditional credit systems, where individuals need to go through extensive paperwork, credit checks and lengthy approval procedures, frictionless credit promises a smoother and faster experience.

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

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

1. Incredible India campaign aims to raise awareness about India's One District One Product (ODOP) initiative among the G20 countries.
2. Wedding Tourism Campaign aims to showcase India as a premier wedding destination globally.

**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. Incredible India campaign was launched by the Ministry of Tourism in the year 2002 to promote tourism in India to other countries' populations.

**Statement 2** is correct. Wedding Tourism Campaign aims to showcase India as a premier wedding destination globally. This campaign was launched as part of Incredible India Initiative.

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

## 10 PM Compilation for the Month of August 2023

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

1. Debt-for-nature swaps mean that a country in debt promises to do things to help the environment in exchange for getting more debt.
2. A debt-for-nature swap can be multi-party or bilateral.
3. Debt-for-nature swaps often involve partnerships between governments, non-governmental organizations (NGOs), international conservation organizations, and financial institutions.

### 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. Debt-for-nature swaps allow heavily indebted developing countries to seek help from financial institutions in the developed world with paying off their debt if they agree to spend on conservation of natural resources. Usually banks in developed countries buy the debts of such countries and replace them with new loans which mature later. These have lower interest rates.

**Statements 2 and 3** are correct. A debt-for-nature swap can be multi-party or bilateral. Debt-for-nature swaps often involve partnerships between governments, non-governmental organizations (NGOs), international conservation organizations, and financial institutions.

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

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

1. For hydrogen to be labeled as 'green,' it must have well-to-gate emissions of no more than two kg of carbon dioxide (CO<sub>2</sub>) equivalent per kg of hydrogen (H<sub>2</sub>).
2. Renewable Energy Promotion Association (REPA) will be the nodal authority for accreditation of agencies for the monitoring, verification and certification for green hydrogen production projects.

### 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. For hydrogen production to be labeled as 'green,' it must have well-to-gate emissions of no more than two kg of carbon dioxide (CO<sub>2</sub>) equivalent per kg of hydrogen (H<sub>2</sub>).

**Statement 2** is incorrect. The Bureau of Energy Efficiency (BEE) under the Ministry of Power will be the nodal authority for accreditation of agencies for the monitoring, verification and certification for green hydrogen production projects.

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

## 10 PM Compilation for the Month of August 2023

**Q.5) With reference to Luna 25 Mission, consider the following statements:**

1. It aimed to execute a pinpoint landing near the moon's south pole, a region that has garnered scientific interest due to its potential for revealing critical insights into the moon's geological composition.
2. The mission was launched by Russia.

**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. Luna 25 Mission aimed to execute a pinpoint landing near the moon's south pole, a region that has garnered scientific interest due to its potential for revealing critical insights into the moon's geological composition. The mission was launched by Russia.

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

**Q.6) Consider the following statements with reference to the Indian Pharmacopoeia Commission (IPC):**

1. It is a private organization that focuses on maximizing profits for pharmaceutical companies.
2. It promotes rational use of generic medicines by publishing National Formulary of India.
3. It also provides IP Reference Substances (IPRS) which act as a fingerprint for identification of an article under test and its purity as prescribed in IP.

**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. IPC is an autonomous institution of the Ministry of Health and Family Welfare. It is created to set standards of drugs in the country. Its basic function is to regularly update the standards of drugs commonly required for treatment of diseases prevailing in this region.

**Statements 2 and 3** are correct. IPC also promotes rational use of generic medicines by publishing National Formulary of India. It also provides IP Reference Substances (IPRS) which act as a fingerprint for identification of an article under test and its purity as prescribed in IP.

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

## 10 PM Compilation for the Month of August 2023

**Q.7) With reference to the Chief Election Commissioner and Other Election Commissioners (Appointment, Conditions of Service and Term of Office) Bill 2023, consider the following statements:**

1. The Bill states that the CEC and other ECs will be appointed by the President on the recommendation of a Selection Committee.
2. The Search Committee will be headed by the Prime Minister of India.
3. The Selection Committee may also consider candidates who have not been included in the panel prepared by the Search Committee.
4. Under the Bill, the CEC and other ECs are eligible for re-appointment.

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

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

**Answer: B**

**Explanation –**

**Statements 1 and 3** are correct. The Bill states that the CEC and other ECs will be appointed by the President on the recommendation of a Selection Committee. The Selection Committee may also consider candidates who have not been included in the panel prepared by the Search Committee.

**Statements 2 and 4** are incorrect. A Search Committee will prepare a panel of five persons for the consideration of the Selection Committee. The Search Committee will be headed by the Cabinet Secretary. Under the Bill, the CEC and other ECs will not be eligible for re-appointment.

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

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

1. India contributes less than 2.5% to global merchandise trade and less than 4% to world services trade.
2. India has fully adopted capital account convertibility.
3. 60% of international banking deposits and loans are done in dollars.

**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. India contributes less than 2.5% to global merchandise trade and less than 4% to world services trade. 60% of international banking deposits and loans are in dollars.

**Statement 2** is incorrect. India hasn't fully adopted capital account convertibility, limiting the rupee's use in global financial transactions.

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

## 10 PM Compilation for the Month of August 2023

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

1. Intense heat and stagnant air increase the amount of ozone pollution and particulate matter.
2. Currently, the National Action Plan on Climate Change (NAPCC's) eight National Missions do not include a health-related mission.
3. National Disaster Management Plan (NDMP) of 2019 takes a comprehensive and well-structured approach to addressing the intersection of climate and health challenges in India.

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

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

**Answer: C**

### Explanation –

**Statements 1, 2 and 3** are correct. Intense heat and stagnant air increase the amount of ozone pollution and particulate matter. Currently, the National Action Plan on Climate Change (NAPCC's) eight National Missions do not include a health-related mission. NDMP of 2019 takes a comprehensive and well-structured approach to addressing the intersection of climate and health challenges in India.

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

### Q.10) Consider the following statements with reference to changing name of the state:

1. Under Article 3 of the Indian Constitution, the Parliament has the authority to modify the name of a state.
2. A bill to alter the state's name cannot be introduced in Parliament without a President's recommendation.
3. The opinions or recommendations provided by the State Legislature regarding the Bill are enforceable against the President or the Parliament.

### 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. Under Article 3 of the Indian Constitution, the Parliament has the authority to modify the name of a state. A bill to alter the state's name cannot be introduced in Parliament without a President's recommendation.

**Statement 3** is incorrect. The opinions or recommendations provided by the State Legislature regarding the Bill are not enforceable against the President or the Parliament.

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

## 10 PM Compilation for the Month of August 2023

### PRELIMS

#### Q.1) With reference to Side Channel Attacks (SCAs) consider the following statements:

1. Acoustic Side Channel Attacks (ASCA) uses the sound of clicks generated by a keyboard to analyze keystrokes and interpret what is being typed to leak sensitive information.
2. A side-channel attack involves exploiting software vulnerabilities to gain unauthorized access to a computer system's sensitive data.

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. ASCA uses the sound of clicks generated by a keyboard to analyze keystrokes and interpret what is being typed to leak sensitive information.

**Statement 2** is incorrect. A side-channel attack involves exploiting unintended physical or indirect signals, such as timing, power consumption, or electromagnetic emissions, to gather sensitive information from a computer system. It is a method of hacking a cryptographic algorithm based on the analysis of auxiliary systems used in the encryption method.

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

#### Q.2) With reference to G20 Pandemic Fund, consider the following statements:

1. Its purpose is to finance critical investments to strengthen pandemic prevention, preparedness, and response capacities at national, regional, and global levels, focusing on low- and middle-income countries.
2. The World Bank hosts the fund, with WHO providing technical leadership.
3. The fund was established under Italy's G20 Presidency.

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 purpose of G20 pandemic fund is to finance critical investments to strengthen pandemic prevention, preparedness, and response capacities at national, regional, and global levels, focusing on low- and middle-income countries. The World Bank hosts the fund, with WHO providing technical leadership.

**Statement 3** is incorrect. The G20 Pandemic Fund was established under Indonesia's G20 Presidency.

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

## 10 PM Compilation for the Month of August 2023

**Q.3) With reference to ASEAN-India Trade in Goods Agreement (AITIGA) consider the following statements:**

1. It aims to promote trade and economic cooperation by reducing or eliminating tariffs on services traded between the member countries.
2. Recently, India's trade deficit with ASEAN countries has increased.

**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. AITIGA agreement covers trade in physical goods and products. It does not apply to trade in services.

**Statement 2** is correct. The trade deficit between India and ASEAN countries has widened to \$43.57 billion in the last financial year.

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

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

1. The Far Side of the Moon is a term used to describe the side of the Moon that is always facing the Earth, receiving constant sunlight and visibility.
2. Tidal locking occurs when the rotational period of the celestial body matches its orbital period around its gravitational partner.
3. It takes exactly 28 days for the Moon to complete one rotation.

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

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

**Answer: C**

**Explanation –**

**Statement 1** is incorrect. The far side of the Moon, also known as the "dark side" of the Moon, refers to the side of the Moon that is not visible from Earth. The term "dark side" can be misleading because it doesn't necessarily mean that this side is always in darkness. It experiences day and night like the near side but is not visible to us from Earth.

**Statements 2 and 3** are correct. Tidal locking occurs when the rotational period of the body matches its orbital period around its gravitational partner. The most familiar example of tidal locking is the Moon, which is tidally locked to Earth. This is why we always see the same side of the Moon from Earth. It takes exactly 28 days for the Moon to complete one rotation and the same time to make one orbit around Earth.

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

## 10 PM Compilation for the Month of August 2023

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

1. The population of Hangul species has increased by 10%.
2. It is categorized as Critically Endangered in the IUCN Red List.
3. It is a species of Peony (*Paeonia* spp.), a type of flowering plant commonly found in the Himalayan region.

**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. The population of Hangul species has increased by 10%. It is categorized as Critically Endangered in the IUCN Red List.

**Statement 3** is incorrect. Hangul is the state animal of Jammu & Kashmir. It is subspecies of Central Asian red deer endemic to Kashmir and surrounding areas.

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

**Q.6) Consider the following statements:**

1. The National Science Foundation (NSF) is a non-profit organization in India that supports fundamental research and education in the medical fields of science and engineering.
2. The Ministry of Electronics and Information Technology (MeitY)-NSF research collaboration aims to advance discoveries and innovations in areas of mutual interest like semiconductor research, communication systems, cybersecurity, green technologies, and transportation systems.

**Select the correct answer from 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. NSF is an independent agency of the US government that supports fundamental research and education in all the non-medical fields of science and engineering.

**Statement 2** is correct. MeitY-NSF research collaboration aims to advance discoveries and innovations in areas of mutual interest like semiconductor research, communication systems, cybersecurity, green technologies, and transportation systems.

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

## 10 PM Compilation for the Month of August 2023

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

1. Indian Council of Social Science Research (ICSSR) provides grants for projects, fellowships, international collaboration, capacity building, surveys, publications to promote research in social sciences in India.
2. The National Social Science Documentation Centre (NASSDOC) focuses on promoting artistic and cultural activities 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: A**

**Explanation –**

**Statement 1** is correct. ICSSR provides grants for projects, fellowships, international collaboration, capacity building, surveys, publications to promote research in social sciences in India.

**Statement 2** is incorrect. NASSDOC was established in 1969 as a constituent unit of the Indian Council of Social Science Research (ICSSR). The objective of the NASSDOC is to provide library and information support services to social science researchers.

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

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

1. The chapter on fundamental duties was added in the Constitution after extensive deliberations within the Constituent Assembly.
2. The Court delivered the concept of the basic structure with a large majority of the judges supporting 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. The chapter on fundamental duties was added in the Constitution by 42nd Amendment Act of the Constitution in 1976 as Article 51A. When the Kesavananda verdict was delivered in April 1973, it carried a narrow majority of 7-6.

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

## 10 PM Compilation for the Month of August 2023

**Q.9) With reference to the World Bank Group (WBG) consider the following statements:**

1. Its main objective is to foster global monetary cooperation, stability, and facilitate international trade.
2. It offers policy advice based on global best practices.

**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. Its primary aim is to offer financial and technical support for development initiatives in developing nations. This includes reducing poverty, enhancing economic growth, and elevating living standards.

**Statement 2** is correct. WBG offers policy advice based on global best practices. Such as, sharing cross-country experiences to aid policy decisions in developing countries.

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

**Q.10) With reference to the Production-Linked Incentive (PLI) scheme, consider the following statements:**

1. The PLI scheme is a financial initiative launched by the Indian government to boost domestic manufacturing and make it globally competitive.
2. It also provides financial incentives to companies for reducing their environmental impact and adopting eco-friendly practices.
3. Under the Scheme, companies will get incentives on incremental sales from products manufactured in domestic units.

**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 PLI scheme is a financial initiative launched by the Indian government to boost domestic manufacturing and make it globally competitive. Under the Scheme, companies will get incentives on incremental sales from products manufactured in domestic units.

**Statement 2** is incorrect. There is no such aim of the scheme.

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

## 10 PM Compilation for the Month of August 2023

### PRELIMS

**Q.1) With reference to Bharat New Car Assessment Programme (Bharat NCAP) consider the following statements:**

1. It aims to provide a tool to the car customers to make a comparative assessment of crash safety of motor vehicles available in the market.
2. The programme will be applicable to passenger vehicles with not more than eight seats in addition to the driver's seat with gross vehicle weight not exceeding 3,500 kg.
3. Vehicles will receive a rating from one to five stars after evaluating their fuel efficiency and interior design.

**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. Bharat NCAP aims to provide a tool to the car customers to make a comparative assessment of crash safety of motor vehicles available in the market. The programme will be applicable to passenger vehicles with not more than eight seats in addition to the driver's seat with gross vehicle weight not exceeding 3,500 kg.

**Statement 3** is incorrect. A rating from one star to five stars will be assigned to a vehicle after an evaluation of three parameters — adult occupant protection, child occupant protection, and safety assist technologies present in the car.

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

**Q.2) With reference to Irregular Galaxy, consider the following statements:**

1. ESO 300-16 is an irregular galaxy.
2. An irregular galaxy is a galaxy that does not have a distinct regular shape, unlike a spiral or an elliptical galaxy.
3. Irregular galaxies lack gas and dust which prevents them from facilitating the creation of new stars.

**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: A**

**Explanation –**

**Statements 1 and 2** are correct. ESO 300-16 is an irregular galaxy. It is made of many tiny stars all clumped together, surrounded in a diffuse light. An irregular galaxy is a galaxy that does not have a distinct regular shape, unlike a spiral or an elliptical galaxy.

**Statement 3** is incorrect. Irregular galaxies may hold significant amounts of gas and dust – essential ingredients for making new stars.

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

## 10 PM Compilation for the Month of August 2023

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

1. Whitefly-transmitted geminiviruses cause epidemics in vegetable, staple, and fiber crops.
2. A shortage of nitrogen in plants can result in whiteflies disease.

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. Whitefly-transmitted geminiviruses cause epidemics in vegetable, staple, and fiber crops. Whiteflies damage plants by sucking out plant juices.

**Statement 2** is incorrect. Using too much nitrogen can lead to more whitefly problems. While nitrogen is good for plants, overusing it can attract whiteflies and cause more infestations.

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

### Q.4) With reference to the BRICS grouping, consider the following statements:

1. It is a coalition comprising over 40% of the world's population and accounting for a quarter of the global GDP.
2. It attempts to serve as a bridge between the Global North and Global South.
3. It was founded to further strengthen the dominance of the western world over institutions of global governance and weaken multilateralism.

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. BRICS grouping It is a coalition comprising over 40% of the world's population and accounting for a quarter of the global GDP. It attempts to serve as a bridge between the Global North and Global South.

**Statement 3** is incorrect. BRICS was founded on the desire to end the domination of the western world over institutions of global governance (IMF, World Bank, UN) and strengthen multilateralism.

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

## 10 PM Compilation for the Month of August 2023

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

1. Demon Particle is weightless, neutral, and doesn't interact with light.
2. The Demon Particle was first theorized by David Pines.
3. The Demon Particle could lead to the making of superconductors that can operate at room temperature.

### 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. Demon is a “composite” particle made up of a combination of electrons, in a solid. It is weightless, neutral, and doesn't interact with light. The Demon Particle was first theorized by David Pines. The Demon Particle could lead to the making of superconductors that can operate at room temperature.

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

### Q.6) With reference to the Hubble Space Telescope, consider the following statements:

1. It is the largest optical telescope ever launched into space.
2. It is located in the Medium Earth Orbit.
3. The Hubble constant, calculated using the Hubble Space Telescope, measures how fast the universe is expanding.

### 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 3** are correct. Hubble Space Telescope is the largest optical telescope ever launched into space. It has been launched by NASA in partnership with ESA. One of Hubble's most significant contributions is its role in measuring the rate of expansion of the universe, known as the Hubble constant. This measurement has helped refine our understanding of the age of the universe and its evolution.

**Statement 2** is incorrect. Hubble Space Telescope is located in the Low Earth orbit.

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

## 10 PM Compilation for the Month of August 2023

**Q.7) Piripkura tribes are found in –**

- a) India
- b) Brazil
- c) South Africa
- d) Nigeria

**Answer: B**

**Explanation –** The Piripkura tribe is a small and indigenous tribe from the Mato Grosso region of Brazil. The tribe is known for their extreme isolation and efforts to maintain its traditional way of life.

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

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

1. Section 8(3) of Representation of People Act, 1951 suggests that upon a conviction with a two-year sentence, a sitting member/legislator gets disqualified from the conviction date.
2. The House's Secretariat, to which the member belongs, has the power to decide that a member is disqualified immediately upon being convicted by a court of law.

**Select the correct answer from 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. Section 8(3) of Representation of People Act, 1951 suggests that upon a conviction with a two-year sentence, a sitting member gets disqualified from the conviction date.

**Statement 2** is incorrect. The House's Secretariat, to which the member belongs, does not have the power to announce that a member is disqualified immediately upon being convicted by a court of law.

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

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

1. The Employment Rate for any specific population or age group provides insight into the proportion of that age group or population that is employed.
2. India ranks among the countries with one of the lowest female labor force participation rates globally.

**Select the correct answer from 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. The Employment Rate for any specific population or age group provides insight into the proportion of that age group or population that is employed. India ranks among the countries with one of the lowest female labor force participation rates globally.

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

## 10 PM Compilation for the Month of August 2023

### PRELIMS

**Q.1) With reference to the National Curriculum Framework for School Education (NCF-SE) consider the following statements:**

1. It is the curriculum framework for the 5+3+3+4 design of schooling as proposed by the National Education Policy 2020.
2. The framework sets clear learning standards and competencies, enabling teachers to foster critical thinking, creativity, and genuine understanding.
3. The National Education Policy (NEP) 2020 and the NCFs, based on the education policy, are binding on the states.

**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. NCF-SE is the curriculum framework for the 5+3+3+4 design of schooling as proposed by the National Education Policy 2020. The framework sets clear learning standards and competencies, enabling teachers to foster critical thinking, creativity, and genuine understanding.

**Statement 3** is incorrect. National Education Policy (NEP) 2020 and the NCFs, based on the education policy, are not binding on the states.

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

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

1. Soft landing involves crashing a spacecraft onto a celestial body without causing any damage.
2. Chandrayaan-1 mission indicated the presence of substantial amounts of ice molecules in the deep craters of south pole region of the moon.
3. India has become the third country globally to make a soft landing on the lunar surface.

**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. Soft landing refers to the controlled descent and subsequent touchdown of a spacecraft on the lunar surface without causing significant damage to either the craft or its scientific instruments. India has become the fourth country after the erstwhile USSR, the U.S. and China to make a soft landing on the lunar surface.

**Statement 2** is correct. Chandrayaan-1 mission indicated the presence of substantial amounts of ice molecules in the deep craters of south pole region of the moon.

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

## 10 PM Compilation for the Month of August 2023

### Q.3) With reference to SeamlessM4T, consider the following statements:

1. It is an advanced technology platform designed to streamline and enhance various aspects of manufacturing processes for greater efficiency and productivity.
2. It performs the entire translation task in one go, unlike other large translation models that divide translation across different systems.

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. SeamlessM4T is the first all-in-one multilingual multimodal AI translation and transcription model. It aims to allow people to communicate effortlessly through speech and text across different languages. It has been launched by Meta.

**Statement 2** is correct. It performs the entire translation task in one go, unlike other large translation models that divide translation across different systems.

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

### Q.4) With reference to Astra Missile, consider the following statements:

1. It is used for ground-to-ground attacks and has been widely used in naval operations.
2. The Missile has been developed by the Defence Research and Development Organisation (DRDO).
3. The missile has all-weather day and night capability.

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. Astra Missile is an indigenously developed air-to-air missile by India. It is designed to be launched from fighter aircraft to engage and destroy hostile aircraft at various ranges.

**Statements 2 and 3** are correct. The Missile has been developed by the DRDO. The missile has all-weather day and night capability.

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

## 10 PM Compilation for the Month of August 2023

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

1. Methylovimicrobium buryatense 5GB1C is a bacterial strain that consumes methane.
2. Methanotrophs are a type of marine algae known for their ability to produce large amounts of methane, contributing to the greenhouse effect.

Select the correct answer from 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. Methylovimicrobium buryatense 5GB1C is a bacterial strain that consumes methane. It is a type of Methanotrophs that consume low methane (500 ppm) at significantly higher rates.

**Statement 2** is incorrect. Methanotrophs are a unique group of microorganisms that possess the remarkable ability to metabolize methane as their primary source of carbon and energy.

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

### Q.6) With reference to Advisory board on Banking and Financial Frauds (ABBFF) consider the following statements:

1. It has been constituted by the Reserve Bank of India (RBI).
2. It consists of the Chairman and four other members.
3. The tenure of both Chairman and members is two years.
4. Its objective is to conduct regular analyses of frauds within the financial system and provide inputs, if necessary, to the RBI for shaping policies concerning fraud prevention.

How many of the above statements are correct?

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

**Answer: C**

**Explanation –**

**Statement 1** is incorrect. The board has been constituted by the Central Vigilance Commission (CVC).

**Statements 2, 3 and 4** are correct. The board consists of the Chairman and four other members. The tenure of both Chairman and members is two years. Its objective is to conduct regular analyses of frauds within the financial system and provide inputs, if necessary, to the RBI and CVC for shaping policies concerning fraud prevention.

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

## 10 PM Compilation for the Month of August 2023

**Q.7) With reference to the Lunar Polar Exploration Mission (LUPEX) consider the following statements:**

1. It aims to obtain knowledge regarding the existence of Martian water-ice resources.
2. It is a joint mission of Japan Aerospace Exploration Agency (JAXA) and Indian Space Research Organisation (ISRO).
3. Lunar Electrostatic Dust Experiment (LEDEX), an instrument of the LUPEX, aims to detect and quantify water-ice mixed with lunar soil, achieving in-situ detection and measurement of water content.

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

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

**Answer: C**

**Explanation –**

**Statements 1 and 3** are incorrect. LUPEX aims to obtain knowledge regarding the availability of lunar water-ice resources. LEDEX aims to detect the presence of charged dust particles and to confirm the dust levitation process in the volatile-rich polar region, and to estimate approximate dust size and flux of charged, levitated dust particles.

**Statement 2** is correct. LUPEX is a joint mission of Japan Aerospace Exploration Agency (JAXA) and Indian Space Research Organisation (ISRO).

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

**Q.8) Consider the following statements with reference to Light Combat Aircraft (LCA) Tejas:**

1. It is a heavy cargo transport aircraft used for humanitarian aid missions.
2. The Tejas is known for its agility, advanced avionics, and indigenous design and technology.
3. Tejas was developed by the Hindustan Aeronautics Limited (HAL) for the Indian Air Force (IAF) and Indian Navy.

**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. It is a type of fighter aircraft developed by India. It is a single-seat, single-engine, multi-role fighter designed to meet the needs of the Indian Air Force and Indian Navy.

**Statements 2 and 3** are correct. The Tejas is known for its agility, advanced avionics, and indigenous design and technology. Tejas was by the with Hindustan Aeronautics Limited (HAL) for the Indian Air Force (IAF) and Indian Navy.

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

## 10 PM Compilation for the Month of August 2023

**Q.9) With reference to the Payloads of Chandrayaan-3, consider the following statements:**

1. Chandra's Surface Thermo Physical Experiment (ChaSTE) will study the electrons and ions near the surface of the moon and how they change over time.
2. Alpha Particle X-ray Spectrometer (APXS) will measure the lunar quakes near the landing site and study the composition of the Moon's crust and mantle.

**Select the correct statements using the codes gives 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. ChaSTE will study the thermal properties of the lunar surface near the polar region. APXS will determine the composition of elements such as magnesium, aluminum, silicon, potassium, calcium, titanium, and iron in the lunar soil and rocks.

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

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

1. Africa has 30% of global mineral reserves, 12% of oil, and 8% of natural gas.
2. The Business-20 (B20) Action Council was formed by African nations to promote economic collaboration among countries in the Global South.

**Select the correct answer from 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. Africa has 30% of global mineral reserves, 12% of oil, and 8% of natural gas.

**Statement 2** is incorrect. The Business-20 (B20) Action Council was formed by India. The council aligns with India's vision for heightened participation of Africa in the Global South. Through the B20 Action Council, India aids in crafting recommendations for regional economic integration in Africa.

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

## 10 PM Compilation for the Month of August 2023

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

1. It is equipped with two payloads.
2. Pragyan has a mission life of two lunar days.
3. Pragyan Rover has two Navigation cameras fitted in the front of the rover to navigate the Rover in the lunar terrain.

**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. Pragyan Rover is equipped with two payloads: APXS or ‘Alpha Particle X-Ray Spectrometer’ and the LIBS or ‘Laser Induced Breakdown Spectroscope’. Pragyan Rover has two Navigation cameras fitted in the front of the rover to navigate the Rover in the lunar terrain: NAVCAM-Left & NAVCAM -Right.

**Statement 2** is incorrect. Pragyan has a mission life of 1 lunar day, approximately equal to 14 Earth days. This will be the period over which the rover will try to fulfill its objectives.

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

**Q.2) With reference to Fujiwhara effect, consider the following statements:**

1. It is a weather phenomenon that involves the interaction between a tropical cyclone and a high-pressure system, causing them to merge and form a superstorm.
2. Cyclone Absorption can happen in the Fujiwhara effect.

**Select the correct answer from 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 Fujiwhara effect is a meteorological phenomenon where two nearby tropical cyclones interact with each other, influencing their paths and intensities.

**Statement 2** is correct. The most common outcome of the Fujiwhara effect is the rotation of the two cyclones around a common midpoint, as if they are performing a dance. This rotation can lead to a variety of scenarios: Cyclone Orbiting (two cyclones can orbit each other for a certain period), Cyclone Merging (the cyclones can merge into a single, larger storm), Cyclone Absorption (the larger or stronger cyclone can absorb the smaller or weaker cyclone).

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

## 10 PM Compilation for the Month of August 2023

**Q.3) Which of the following phenomenon is associated with the positive Indian Ocean Dipole (IOD)?**

- Warmer sea surface temperatures in the western Indian Ocean relative to the east.
- Easterly wind anomalies across the Indian Ocean and less cloudiness to Australia's northwest.
- Less rainfall over southern Australia.
- All of the above

**Answer: D**

**Explanation –** A positive IOD will have warmer sea surface temperatures in the western Indian Ocean relative to the east, easterly wind anomalies across the Indian Ocean and less cloudiness to Australia's northwest and less rainfall over southern Australia.

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

**Q.4) With reference to the Next-Generation Photonic Analog-to-Digital Converters (NG-PADC) consider the following statements:**

- NG-PADC can achieve high-resolution conversions, preserving the fidelity of the analog signal in the digital domain.
- These are mechanical devices that use levers to convert mechanical motion into digital data.

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

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

**Answer: A**

**Explanation –**

**Statement 1** is correct. NG-PADC can achieve high-resolution conversions, preserving the fidelity of the analog signal in the digital domain.

**Statement 2** is incorrect. NG-PADC are advanced devices used to convert analog signals, such as radio frequency (RF) or optical signals, into digital form. These converters leverage photonic technologies to achieve high-speed, high-resolution, and energy-efficient analog-to-digital conversion.

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

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

- The testing protocols adopted by the Bharat New Car Assessment Programme (Bharat NCAP) are modelled on the U.S. NCAP.
- Car Testing helps determine the export-worthiness of cars.
- Under the Stockholm Declaration, India has committed to reducing the number of road traffic deaths and injuries by 50 percent by 2030.

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

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

**Answer: C**

**Explanation –**

## 10 PM Compilation for the Month of August 2023

**Statement 1** is incorrect. The testing protocols adopted by the Bharat NCAP are modelled on the Global NCAP, which is a project of the U.K.-based NGO, Towards Zero Foundation.

**Statements 2 and 3** are correct. Car Testing helps determine the export-worthiness of cars. When cars pass rigorous tests, it makes them more attractive to international markets, boosting the country's automotive exports. Under the Stockholm Declaration, India has committed to reducing the number of road traffic deaths and injuries by 50 percent by 2030.

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

**Q.6) With referenced to Defense Acquisition Council (DAC) consider the following statements:**

1. It is responsible for making crucial decisions regarding new policies and capital acquisitions for all the three-armed services of India.
2. The council is chaired by the Chief of Defence Staff (CDS).

**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. DAC is responsible for making crucial decisions regarding new policies and capital acquisitions for all the three-armed services of India.

**Statement 2** is incorrect. The Council is chaired by the Minister of Defence.

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

**Q.7) With reference to National Medical Commission (NMC) consider the following statements:**

1. The commission gives accreditation to medical schools in India.
2. It is an Indian advisory body.
3. It has taken the position of the Medical Council of India (MCI).

**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. NMC gives accreditation to medical schools in India. It has replaced the Medical Council of India.

**Statement 2** is incorrect. It is a regulatory body.

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

## 10 PM Compilation for the Month of August 2023

**Q.8) Consider the following statements with reference to the developments made in India:**

1. India has focused primarily on improving human infrastructure like education and skills, while neglecting the development of physical infrastructure.
2. There has been a lack of focus on infrastructure development in Tier II cities which have the potential to generate 70% of new jobs in the coming future.

**Select the correct answer from 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. India has focused heavily on improvement of physical infrastructure but has fallen behind on human infrastructure like education and skills.

**Statement 2** is correct. There has been a lack of focus on infrastructure development in Tier II cities which have the potential to generate 70% of new jobs in the coming future.

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

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

1. India possesses 1% of global vehicles but accounts for 11% of road crash fatalities.
2. Car testing within the framework of Bharat New Car Assessment Programme (Bharat NCAP) will incur higher costs compared to the Global NCAP.

**Select the correct answer from 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. According to a World Bank report, India possesses 1% of global vehicles but accounts for 11% of road crash fatalities, costing 3% to 5% of GDP annually.

**Statement 2** is incorrect. Car testing under Bharat New Car Assessment Programme (Bharat NCAP) will be cheaper than the Global NCAP.

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

## 10 PM Compilation for the Month of August 2023

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

1. Changes in the Arctic climate can influence India's economic security, water security, and sustainability.
2. The Northern Sea Route (NSR) is the shortest shipping route for freight transportation between Europe and Asia-Pacific countries.

**Select the correct answer from 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. Changes in the Arctic climate can influence India's economic security, water security, and sustainability. NSR is the shortest shipping route for freight transportation between Europe and Asia-Pacific countries.

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

## 10 PM Compilation for the Month of August 2023

### PRELIMS

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

1. The near side of the moon is smoother and has more large volcanic plains whereas on the far side, there are large craters.
2. The crust on the far side of the moon is generally thinner compared to the near side.
3. The far side of the moon is shielded from radio signals coming from Earth, making it an ideal location for radio telescopes and other scientific observations that require minimal electromagnetic interference.

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

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

**Answer: A**

#### Explanation –

**Statements 1 and 3** are correct. The near side of the moon is smoother and has more large volcanic plains whereas on the far side, there are large craters. The far side of the moon is shielded from radio signals coming from Earth, making it an ideal location for radio telescopes and other scientific observations that require minimal electromagnetic interference. Statement 2 is incorrect. The crust on the near side of the moon is generally thinner compared to the far side.

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

#### Q.2) With reference to the Siliguri Corridor, consider the following statements:

1. It serves as a natural buffer zone between the Himalayan Mountain range and the neighboring countries of Nepal and Bhutan.
2. All land trade between the North East and the rest of the country happens through this corridor.

#### 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. Siliguri Corridor or Chicken's neck, is a narrow stretch of land located in the West Bengal, that connects India's northeastern states to the rest of India. It is located between Nepal and Bhutan to the north and Bangladesh to the south.

**Statement 2** is correct. All land trade between the North East and the rest of the country happens through this corridor.

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

## 10 PM Compilation for the Month of August 2023

**Q.3) Sakteng Sanctuary is located in –**

- a) India
- b) Malaysia
- c) Bhutan
- d) China

**Answer: C**

**Explanation –** Sakteng Sanctuary is situated in the Trashigang District of eastern Bhutan, near the border with India's Arunachal Pradesh.

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

**Q.4) With reference to India Smart Cities Award Contest (ISAC) consider the following statements:**

1. It is an event focused on celebrating the most traditional urban projects, emphasizing the value of preserving historical beauty over modern improvements.
2. The award for the best Union Territory in ISAC 2022 has gone to Chandigarh.

**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. ISAC aims to recognize and reward cities, projects and innovative ideas that are promoting sustainable development across the 100 smart cities as well as stimulating inclusive, equitable, safe, healthy and collaborative cities leading to a better quality of life for all.

**Statement 2** is correct. The award for the best Union Territory in ISAC 2022 has gone to Chandigarh.

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

**Q.5) With reference to Brain-Computer Interface (BCI) consider the following statements:**

1. BCIs are designed to enable individuals to interact with and control these external devices using only their brain activity, bypassing traditional routes such as muscle movements or physical inputs.
2. It is a type of virtual reality headset that lets users experience immersive digital environments by connecting their thoughts to computer-generated simulations.
3. BCIs can empower individuals with paralysis or motor disabilities to regain communication and control over their 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: C**

**Explanation –**

## 10 PM Compilation for the Month of August 2023

**Statements 1 and 3** are correct. BCIs are designed to enable individuals to interact with and control these external devices using only their brain activity, bypassing traditional routes such as muscle movements or physical inputs. BCIs can empower individuals with paralysis or motor disabilities to regain communication and control over their environment.

Statement 2 is incorrect. A Brain-Computer Interface (BCI), also known as a Brain-Machine Interface (BMI), is a technology that establishes a direct communication pathway between the human brain and external devices or computers.

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

**Q.6) With reference to the National Action for Mechanised Sanitation Ecosystem (NAMASTE) Scheme, consider the following statements:**

1. It aims to eliminate hazardous cleaning, stop deaths of sewer and septic tank workers and ensure their safety and dignity.
2. The scheme has replaced the Self-Employment Scheme for the Rehabilitation of Manual Scavengers (SRMS).
3. It is a Central Sector Scheme.

**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. NAMASTE scheme aims to eliminate hazardous cleaning, stop deaths of sewer and septic tank workers and ensure their safety and dignity. The scheme has replaced the Self-Employment Scheme for the Rehabilitation of Manual Scavengers (SRMS). It is a Central Sector Scheme.

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

**Q.7) With reference to Nyaya Bandhu Initiative, consider the following statements:**

1. It aims on developing advanced legal software that can replace human lawyers.
2. Beneficiaries or Applicants, in order to avail the benefits under this programme must belong to one of the categories mentioned under Section 12 of The Legal Services Authority Act of 1987.

**Select the correct answer from 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 goal of the Nyaya Bandhu Initiative is to set up a structure for providing free legal services throughout the country. Under Nyaya Bandhu, practicing advocates, interested to volunteer their time and services, are connected, via mobile technology, with eligible marginalized beneficiaries.

## 10 PM Compilation for the Month of August 2023

**Statement 2** is correct. Beneficiaries or Applicants, in order to avail the benefits under this programme must belong to one of the categories mentioned under Section 12 of The Legal Services Authority Act of 1987.

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

**Q.8) With reference to the India Clean Air Summit (ICAS) consider the following statements:**

1. It aims to understand the impact of climate change on air pollution in the light of Sustainable Development Goals (SDGs) and the actions required to deal with it.
2. It was organized by the Central Pollution Control Board (CPCB).

**Select the correct answer from 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. ICAS aims to understand the impact of climate change on air pollution in the light of Sustainable Development Goals (SDGs) and the actions required to deal with it.

**Statement 2** is incorrect. It was organized by the Centre for Air Pollution Studies (CAPS) at the Center for Study of Science, Technology and Policy (CSTEP).

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

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

1. Tiger Reserves are notified by the Central Government as per provisions of Section 40W of the Wildlife (Protection) Act, 1972.
2. A tiger reserve cannot be de-notified by a State Government unless it's in the public interest and approved by the Tiger Conservation Authority and the National Board for Wild Life.
3. Madhya Pradesh has the maximum number of tigers in the country.

**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. Tiger Reserves are notified by State Governments as per provisions of Section 38V of the Wildlife (Protection) Act, 1972 on advice of the National Tiger Conservation Authority.

**Statements 2 and 3** are correct. A tiger reserve cannot be de-notified by a State Government unless it's in the public interest and approved by the Tiger Conservation Authority and the National Board for Wild Life. Madhya Pradesh has the maximum number of tigers in the country (785), followed by Karnataka (563), Uttarakhand (560), and Maharashtra (444).

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

## 10 PM Compilation for the Month of August 2023

**Q.10) Dholpur-Karauli Tiger Reserve is located in –**

- a) Maharashtra
- b) Madhya Pradesh
- c) Gujarat
- d) Rajasthan

**Answer: D**

**Explanation –** Dholpur-Karauli Tiger Reserve is located in Rajasthan. This is India's 54th tiger reserve and Rajasthan's fifth tiger reserve after Ranthambore, Sariska, Mukundra Hills and Ramgarh Vishdhari.

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

## 10 PM Compilation for the Month of August 2023

### PRELIMS

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

1. Cardiovascular diseases represent 16% of India's disease burden.
2. Disability-Adjusted Life Years (DALYs) measures the economic impact of diseases on a population.

#### Select the correct answer from 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. Cardiovascular diseases represent 16% of India's disease burden. Statement 2 is incorrect. DALYs is a measure used in public health and epidemiology to estimate the overall impact of a disease, injury, or health condition on a population. It combines the years of healthy life lost due to premature death and the years lived with a disability or health condition that affects the quality of life.

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

#### Q.2) The Sachar Committee report was related –

- a) To examine the socio-economic and educational status of the Muslim community in India.
- b) To strengthen the Capital Goods (CG) Sector and contribute more actively in the national goal of achieving a USD 5 trillion economy.
- c) To review present ownership guidelines and corporate structure for Indian Private Sector Banks.
- d) To suggest measures to de-clog and improve the functioning of the National Company Law Tribunal (NCLT).

#### Answer: A

**Explanation** – The Sachar Committee report was related to examine the socio-economic and educational status of the Muslim community in India.

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

#### Q.3) Recently, the United World Wrestling (UWW) has suspended the Wrestling Federation of India (WFI). Which of the following may be the consequence of suspension?

- a) The wrestlers cannot compete in international tournaments.
- b) The wrestlers have the opportunity to participate in international tournaments while representing the Indian flag.
- c) The wrestlers can participate in international tournaments, but their jerseys won't display the Indian flag.
- d) None of the above

#### Answer: C

**Explanation** – After the suspension, the wrestlers can still compete in international tournaments. However, they can't show the Indian flag on their jerseys, and the national flag and anthem won't be played even if they win.

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

## 10 PM Compilation for the Month of August 2023

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

1. The Rohingya are an ethnic group from Myanmar.
2. India has ratified the UN Convention on the Rights of the Child (CRC).
3. Refugees in India cannot be detained under the Foreigners Act, 1946.

### 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 Rohingya are an ethnic group from Myanmar. India has ratified the UN Convention on the Rights of the Child (CRC).

Statement 3 is incorrect. India does not have a specific refugee policy and isn't a signatory to the 1951 Refugee Convention. This means refugees can be detained under the Foreigners Act, 1946.

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

### Q.5) With reference to Sahyadriophis uttaraghati snake, consider the following statements:

1. It is a new genus and species of colubrid snakes.
2. The Colubrid is the largest snake family.
3. The snake is found in the southern parts of the Western Ghats.

### 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. Sahyadriophis uttaraghati snake is a new genus and species of colubrid snakes. The Colubrid is the largest snake family.

Statement 3 is incorrect. The snake is found in the northern parts of the Western Ghats. Whereas, Sahyadriophis beddomei snake is found in the southern parts of the Western Ghats.

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

## 10 PM Compilation for the Month of August 2023

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

1. The scheme focuses on providing urban property owners with legal ownership documents, enhancing land tenure security in cities and towns.
2. It is Central Sector Scheme under the Ministry of Panchayati Raj.

**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 scheme aims to provide the 'Record of Rights' to village household owners possessing houses in inhabited areas (Abadi) in villages.

**Statement 2** is correct. It is Central Sector Scheme under the Ministry of Panchayati Raj.

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

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

1. Global Biodiversity Framework Fund (GBFF) aims to directly support global efforts to halt and reverse biodiversity loss by 2030.
2. The Global Environment Facility (GEF) is a financial mechanism that supports projects and initiatives aimed at addressing global environmental issues.

**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. GBFF aims to directly support global efforts to halt and reverse biodiversity loss by 2030. GEF is a financial mechanism that supports projects and initiatives aimed at addressing global environmental issues.

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

**Q.8) With reference to Sodium ion battery, consider the following statements:**

1. They possess a higher capacity for contributing to global warming when compared to lithium iron phosphate (LFP) batteries.
2. These batteries are chosen over LFP due to sodium's relatively lower cost compared to lithium.
3. They can be discharged to zero volts, reducing transportation costs and accidents.

**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. Sodium ion batteries have 45% less global warming potential compared to lithium iron phosphate (LFP) batteries.

## 10 PM Compilation for the Month of August 2023

**Statements 2** and 3 are correct. Sodium ion batteries are chosen over LFP due to sodium's relatively lower cost compared to lithium. They can be discharged to zero volts, reducing transportation costs and accidents.

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

**Q.9) Which of the following country is NOT participating in Exercise BRIGHT STAR-23?**

- a) India
- b) United States of America
- c) Saudi Arabia
- d) Japan

**Answer: D**

**Explanation –** Exercise BRIGHT STAR is a biennial multilateral tri-service exercise being held in Cairo, Egypt. India, United States of America, Saudi Arabia, Greece and Qatar are the participating countries.

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

**Q.10) Consider the following statements with reference to Fire Prevention Zone:**

1. A Fire Prevention Zone is a place where controlled fires are intentionally started to promote fire safety awareness.
2. These zones are typically created in or around communities, especially those located in wildfire-prone areas.

**Select the correct answer from 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. Fire Prevention Zones are designated areas that have been carefully managed and modified to reduce the risk of wildfires spreading and causing damage.

**Statement 2** is correct. These zones are typically created in or around communities, especially those located in wildfire-prone areas.

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

## 10 PM Compilation for the Month of August 2023

### PRELIMS

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

1. India ranks first in milk production in the world.
2. India ranks second in egg production in the world.
3. India ranks eighth in meat production in the world.

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

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

**Answer: C**

#### Explanation –

**Statements 1 and 3** are correct. India ranks first in milk production in the world. India ranks eighth in meat production in the world.

Statement 2 is incorrect. India ranks third in egg production globally.

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

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

1. Rashtriya Gokul Mission (RGM) is being implemented to supplement the State/UT governments' efforts towards preventing, controlling and containing animal diseases of economic and zoonotic importance by vaccination.
2. Animal husbandry refers to the care, breeding, and management of domesticated animals, such as livestock, for various purposes, including food, fiber, work, and companionship.

#### 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. RGM is being implemented for development and conservation of indigenous bovine breeds since December 2014. The scheme is important in enhancing milk production and productivity of bovines to meet growing demand of milk and making dairying more remunerative to the rural farmers of the country.

**Statement 2** is correct. Animal husbandry refers to the care, breeding, and management of domesticated animals, such as livestock, for various purposes, including food, fiber, work, and companionship.

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

## 10 PM Compilation for the Month of August 2023

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

1. The most worrying category of drugs in India is Tylenol.
2. Narcotics Control Bureau (NCB) is the nodal agency for drug law enforcement in India.
3. India is a signatory to UN Convention against Transnational Organized Crime (UNTOC).

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

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

**Answer: B**

#### Explanation –

**Statement 1** is incorrect. The most worrying category of drugs in India are opioids, as the prevalence of opioid use in India being three times the global average.

**Statements 2 and 3** are correct. NCB is the nodal agency for drug law enforcement in India. India is a signatory to UN Convention against Transnational Organized Crime (UNTOC).

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

### Q.4) With reference to Coil Gun, consider the following statements:

1. It is a type of firearm that uses gunpowder to propel bullets at high speeds.
2. It can be fired repeatedly and rapidly without causing wear on components.
3. Coil guns have applications in areas such as weapon systems, near-earth satellites and high-speed missile launches.

#### 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. Coil Gun also known as a Gauss gun, is a type of electromagnetic projectile launcher. It uses a series of electromagnets to accelerate a projectile, typically a small metal object like a bullet, to high speeds.

**Statements 2 and 3** are correct. Coil Gun can be fired repeatedly and rapidly without causing wear on components. Coil guns have applications in areas such as weapon systems, near-earth satellites and high-speed missile launches.

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

## 10 PM Compilation for the Month of August 2023

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

1. Smishing refers to a type of cyber-attack or scam where fraudsters send deceptive text messages to trick individuals into revealing personal information, such as login credentials, credit card numbers, or other sensitive data.
2. Smishing messages often contain links that lead to fake websites or phone numbers that direct victims to call and provide information.

Select the correct answer form 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. Smishing refers to a type of cyber-attack or scam where fraudsters send deceptive text messages to trick individuals into revealing personal information, such as login credentials, credit card numbers, or other sensitive data. Smishing messages often contain links that lead to fake websites or phone numbers that direct victims to call and provide information.

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

### Q.6) With reference to somatic cells, consider the following statements:

1. Somatic cells are all the cells in the body other than reproductive cells.
2. Somatic cells divide by meiosis.
3. Somatic genetic mutations refer to changes in the DNA sequence that are inherited from parents.

How many of the above statements are correct?

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

**Answer: A**

**Explanation –**

**Statement 1** is correct. Somatic cells are all the cells in the body other than reproductive cells. **Statements 2 and 3** are incorrect. Somatic cells divide by mitosis, a process that creates two identical daughter cells. Somatic genetic mutations refer to changes in the DNA sequence that occur in the cells of an organism's body during its lifetime. These mutations are not inherited from parents but instead arise due to various factors such as exposure to environmental agents, errors during DNA replication, and other cellular processes.

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

## 10 PM Compilation for the Month of August 2023

**Q.7) With reference to Nabhmitra, consider the following statements:**

1. It is developed to revolutionize the aviation industry with innovative solutions for safer and more efficient air travel.
2. It is a satellite-based communication system developed by the Indian Air Force in collaboration with the United States' Air Force.

**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. Nabhmitra is a satellite-based communication system developed by the Indian Space Research Organisation (ISRO) to improve the safety of fishermen. It enables two-way messaging services from and to the sea, providing information about weather and cyclone warnings, fishing grounds, and maritime boundaries.

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

**Q.8) Chokuwa Rice belongs to –**

- a) Jammu & Kashmir
- b) Andhra Pradesh
- c) Assam
- d) Kerala

**Answer: C**

**Explanation –** Chokuwa rice is also known as Magic rice. It is grown in Assam. Chokuwa rice has received a GI (Geographical Indication) tag due to its exceptional quality and uniqueness.

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

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

1. India is the largest producer, consumer and importer of pulses.
2. The pulse's import dependency ratio has decreased in recent years.

**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. India is the largest producer, consumer and importer of pulses.

**Statement 2** is incorrect. The pulse's import dependency ratio has increased in recent years. In the last three years, India's dependence on imported tur, pigeon pea, has doubled.

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

## 10 PM Compilation for the Month of August 2023

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

1. Global warming and climate change have become one of the biggest factors behind food inflation in India.
2. Lunar ice could be used for cooling equipment on the moon and making it last longer.

**Select the correct answer form 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. Global warming and climate change have become one of the biggest factors behind food inflation in India. Lunar ice could be used for cooling equipment on the moon and making it last longer.

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

## 10 PM Compilation for the Month of August 2023

### PRELIMS

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

1. Trend inflation refers to the underlying and persistent rate of inflation in an economy over an extended period of time.
2. If the inflation target is above trend, monetary policy may turn expansionary, creating inflationary conditions.

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. Trend inflation refers to the underlying and persistent rate of inflation in an economy over an extended period of time. If the inflation target is above trend, monetary policy may turn expansionary, creating inflationary conditions.

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

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

1. When there is more moisture available in the atmosphere, tropical cyclones or hurricanes will weaken.
2. When upper-level winds are strong, they can disrupt the vertical development and organization of cyclone storm systems.

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 there is more moisture available in the atmosphere, it provides additional energy for the storm system to grow and intensify.

**Statement 2** is correct. When upper-level winds are strong, they can disrupt the vertical development and organization of cyclone storm systems.

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

## 10 PM Compilation for the Month of August 2023

**Q.3) With reference to the Coking Coal, consider the following statements:**

1. Coking coal, also known as metallurgical coal, is a type of coal that is used primarily in the steelmaking industry.
2. It has a higher carbon content and lower moisture content.
3. When coking coal is heated in the presence of air, it undergoes a process called carbonization.

**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. Coking coal, also known as metallurgical coal, is a type of coal that is used primarily in the steelmaking industry. It has a higher carbon content and lower moisture content. However, domestic coking coal is high ash coal and is not suitable for direct use in the blast furnace.

**Statement 3** is incorrect. When coking coal is heated in the absence of air, it undergoes a process called carbonization.

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

**Q.4) With reference to Electrified Flex Fuel Vehicle, consider the following statements:**

1. It is a type of vehicle that can run on either gasoline or ethanol.
2. It uses extensive advanced chemistry batteries.

**Select the correct answer form 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. Electrified Flex Fuel Vehicle is a type of vehicle that can run on either gasoline or ethanol.

**Statement 2** is incorrect. Electrified Flex Fuel Vehicle uses minimal advanced chemistry batteries. So, it also guards against possible Geo-political risks of battery raw material supplies.

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

## 10 PM Compilation for the Month of August 2023

**Q.5) With reference Pacific Decadal Oscillation (PDO) consider the following statements:**

1. It is a long-term climate pattern that affects the temperature of the Pacific Ocean and the weather patterns around it.
2. The PDO has a shorter timescale than phenomena like El Niño.
3. During a positive phase of PDO, warmer sea surface temperatures are observed in the central and eastern Pacific, while cooler temperatures prevail in the western Pacific.

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

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

**Answer: C**

**Explanation –**

**Statements 1 and 3** are correct. PDO is a long-term climate pattern that affects the temperature of the Pacific Ocean and the weather patterns around it. During a positive phase of PDO, warmer sea surface temperatures are observed in the central and eastern Pacific, while cooler temperatures prevail in the western Pacific. ENSO with a positive PDO is generally not good for India but when linked with a negative PDO, it brings more rain to India.

**Statement 2** is incorrect. The PDO has a longer timescale than phenomena like El Niño and La Niña, spanning decades rather than just a few years.

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

**Q.6) With reference to Minor irrigation (MI) schemes, consider the following statements:**

1. Uttar Pradesh possesses the largest number of MI schemes in the country.
2. Most minor irrigation schemes in India are owned by individuals or groups of farmers.
3. MI schemes are surface irrigation systems and do not involve groundwater irrigation systems.

**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. Uttar Pradesh possesses the largest number of MI schemes in the country (17.2%) followed by Maharashtra (15.4%), Madhya Pradesh (9.9%) and Tamil Nadu (9.1%). 96.6% of minor irrigation schemes are under private ownership whereas 3.4% are under public ownership. Therefore, most minor irrigation schemes in India are owned by individuals or groups of farmers.

**Statement 3** is incorrect. MI schemes can be either surface irrigation systems or groundwater irrigation systems. However, Surface irrigation systems are the most common type of MI scheme.

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

## 10 PM Compilation for the Month of August 2023

**Q.7) With reference to Seethakali, consider the following statements:**

1. It is a dance form that is only performed by women.
2. The performance is carried out by Dalit artists belonging to the Veda and Pulaya communities.
3. The performance portrays the tale of Sita's journey, from vanayatra (exile to the forest) to Sita's andardhanam (descend into the earth).

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

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

**Answer: D**

**Explanation –**

**Statements 2** and 3 are correct. Seethakali performance is carried out by Dalit artists belonging to the Veda and Pulaya communities. It is a traditional folk-dance drama from Desinganad, Kerala. It is primarily performed during the Onam festivities. The performance portrays the tale of Sita's journey, from vanayatra (exile to the forest) to Sita's andardhanam (descend into the earth)

**Statement 1** is incorrect. It is performed by both men and women.

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

**Q.8) With reference to Bharat New Car Assessment Programme (BNCAP) norms, consider the following statements:**

1. The BNCAP norms do not award any points for seat-belt reminders and give a three-star rating or higher only for front-seat belts.
2. The BNCAP is far cheaper than the Global NCAP.

**Select the correct answer from 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. The BNCAP norms do not award any points for seat-belt reminders and give a three-star rating or higher only for front-seat belts. The BNCAP is far cheaper than the Global NCAP.

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

## 10 PM Compilation for the Month of August 2023

**Q.9) With reference to the country Gabon, consider the following statements:**

1. It is situated on the eastern coast of Africa.
2. It is located on the equator.
3. Its official language is French.

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

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

**Answer: D**

**Explanation –**

**Statement 1** is incorrect. Gabon is a country on the Atlantic coast of Central Africa. It lies on the west coast of Africa.

**Statements 2** and 3 are correct. Gabon is located on equator. Its official language is French.

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

## 10 PM Compilation for the Month of August 2023

### PRELIMS

#### Q.1) Consider the following statements with reference to the “Global Fund”:

1. It is a global organization that primarily focuses on promoting environmental sustainability and wildlife conservation in various countries around the world.
2. It raises resources from governments, private sector partners, foundations, and individuals.
3. Its Secretariat is in Geneva, Switzerland.

#### 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. Global Fund is an international financing and partnership organization that aims to attract, leverage and invest additional resources to end the epidemics of HIV/AIDS, tuberculosis and malaria to support attainment of the Sustainable Development Goals established by the United Nations.

**Statements 2 and 3** are correct. Global Fund raises resources from governments, private sector partners, foundations, and individuals. Its Secretariat is in Geneva, Switzerland.

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

#### Q.2) With reference to the Red Sand Boa, consider the following statements:

1. It is a venomous snake mostly found in water.
2. It is the largest of the sand boas in the world.
3. Its tail is almost as thick as their body and is blunt at the end.
4. They are listed in the Schedule I of the Wildlife (Protection) Act, 1972.

#### 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 4** are incorrect. Red Sand Boa is a type of non-venomous terrestrial snakes. They are listed in the Schedule IV of the Wildlife (Protection) Act, 1972.

**Statements 2 and 3** are correct. Red Sand Boas tail is almost as thick as their body and is blunt at the end. It is the largest of the sand boas in the world.

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

## 10 PM Compilation for the Month of August 2023

**Q.3) With reference to the Project 17A for the Indian Navy, consider the following statements:**

1. The Project 17A frigates are being built by Mazagon Dock Shipbuilders Limited (MDL) and Garden Reach Shipbuilders & Engineers (GRSE).
2. The Project 17A frigates are based on the Talwar-class Frigates.
3. INS Vindhyagiri is a ship built under the project.

**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 Project 17A frigates are being built by Mazagon Dock Shipbuilders Limited (MDL) and Garden Reach Shipbuilders & Engineers (GRSE). A total of seven ships were built under Project 17-A. These are 1) INS Nilgiri 2) INS Himgiri 3) INS Udaygiri 4) INS Dunagiri 5) INS Taragiri 6) INS Vindhyagiri and 7) INS Mahendragiri.

**Statement 2** is incorrect. The Project 17A frigates are based on the Shivalik-class frigates.

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

**Q.4) With reference to “CSIR PRIMA ET11” consider the following statements:**

1. It is a variety of genetically modified corn called Star Link corn.
2. It has been developed by the University of Hawaii and Cornell University.

**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. CSIR PRIMA ET11 is an indigenously designed and developed Electric Tractor mainly to cater small and marginal farmers of India. It has been developed by the Central Mechanical Engineering Research Institute (CSIR-CMERI).

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

**Q.5) With reference to the Global India AI 2023, consider the following statements:**

1. It will be organized by the Ministry of Electronics and Information Technology.
2. It aims to bring together the best and brightest in AI from India and around the world.

**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 –**

## 10 PM Compilation for the Month of August 2023

**Statements 1 and 2** are correct. Global India AI 2023 will be organized by the Ministry of Electronics and Information Technology. It aims to bring together the best and brightest in AI from India and around the world.

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

**Q.6) With reference to Aatmanirbhar Bharat Rozgar Yojana (ABRY) consider the following statements:**

1. It aims to incentivize employers for creation of new employment and restoration of loss of employment during Covid-19 pandemic.
2. The scheme is open to all establishments registered with the Ministry of Labour and Employment.

**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. ABRY aims to incentivize employers for creation of new employment and restoration of loss of employment during Covid-19 pandemic.

**Statement 2** is incorrect. ABRY is open to all establishments registered with the Employees' Provident Fund Organization (EPFO).

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

**Q.7) State of Food Security and Nutrition in the World (SOFI) Report has been released by**

–

- a) World Food Programme (WFP)
- b) Food and Agriculture Organization (FAO)
- c) International Food Policy Research Institute (IFPRI)
- d) Global Alliance for Improved Nutrition (GAIN)

**Answer: B**

**Explanation –** State of Food Security and Nutrition in the World (SOFI) Report has been released by Food and Agriculture Organization (FAO).

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

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

1. Hoolock Gibbon is the only ape found in India.
2. Hollongapar Gibbon Sanctuary is a protected area in Arunachal Pradesh.
3. The Bhogdoi River flows through the Hollongapar Gibbon Sanctuary.

**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 –**

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**Statements 1 and 3** are correct. Hoolock Gibbon is the only ape found in India. The Bhogdoi River flows through the Hollongapar Gibbon Sanctuary.

**Statement 2** is incorrect. Hollongapar Gibbon Sanctuary is a protected area in Assam.

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

**Q.9) With reference to the Aditya L1 Mission, consider the following statements:**

1. One of the primary goals of the mission is to study the dynamics of the solar atmosphere, including the chromosphere and corona.
2. The Aditya L1 mission will enhance our understanding of how the Sun influences Earth's climate.
3. The Aditya L1 mission will be placed in a geosynchronous orbit around the Earth.

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

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

**Answer: A**

**Explanation –**

**Statements 1 and 2** are correct. One of the primary goals of the Aditya L1 mission is to study the dynamics of the solar atmosphere, including the chromosphere and corona. The Aditya L1 mission will enhance our understanding of how the Sun influences Earth's climate.

**Statement 3** is incorrect. The Aditya L1 mission will be placed in a halo orbit around the Sun-Earth Lagrange point 1 (L1).

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

**Q.10) With reference to Social Stock Exchange (SSE), consider the following statements:**

1. It is a platform that allows social enterprises to raise funds from the public.
2. Only social enterprises that are profitable can be listed on the SSE.
3. Zero coupon zero principal instruments are a type of financial instrument used in SSE that combines debt and equity.

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

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

**Answer: A**

**Explanation –**

**Statement 1** is correct. SSE is a platform that allows social enterprises to raise funds from the public. Social enterprises are businesses that have a social mission, such as providing affordable housing or education, or protecting the environment.

**Statements 2 and 3** are incorrect. SSE is designed to support social enterprises of all sizes and stages, including those that are not yet profitable. Its goal is to provide social enterprises with access to capital, regardless of their financial status. Zero coupon zero principal instruments are debt instruments that do not pay interest and do not have a principal repayment. They are designed to be used by social enterprises that do not have a clear track record of generating profits.

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

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### PRELIMS

#### Q.1) With reference to Adopt a Heritage 2.0 Programme, consider the following statements:

1. It is a public-private partnership initiative of the Archaeological Survey of India (ASI) that encourages individuals and organizations to adopt and restore heritage sites in India.
2. Under the program, corporate stakeholders are prohibited from utilizing their Corporate Social Responsibility (CSR) funds to enhance the amenities at the historical sites.

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. Adopt a Heritage 2.0 Programme is a public-private partnership initiative of the Archaeological Survey of India (ASI) that encourages individuals and organizations to adopt and restore heritage sites in India.

**Statement 2** is incorrect. Under the programme, corporate stakeholders can utilize their Corporate Social Responsibility (CSR) funds to enhance the amenities at the historical sites.

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

#### Q.2) With referenced to National Family Health Survey (NFHS) consider the following statements:

1. Population Research Centre (PRC) is the nodal agency for conducting the survey.
2. The questions on disability were included for the first time in the NFHS-5.
3. The survey collects data on a wide range of topics related to health and family welfare, including fertility, mortality, reproductive health, nutrition, and child health.

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 Institute for Population Sciences (IIPS) is the nodal agency for conducting the survey.

**Statements 2 and 3** are correct. The questions on disability were included for the first time in the NFHS-5. Based on the NFHS-5 report, it was observed that disability prevalence was only 1% for rural areas and 0.9% for urban areas. The survey collects data on a wide range of topics related to health and family welfare, including fertility, mortality, reproductive health, nutrition, and child health.

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

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

1. The Index of Eight Core Industries (ICI) is a composite index that measures the production of eight core industries in India.
2. The ICI is the only indicator of the performance of the industrial sector in India.

Select the correct answer from 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 Index of Eight Core Industries (ICI) is a composite index that measures the production of eight core industries in India.

**Statement 2** is incorrect. There are other indicators of the performance of the industrial sector in India, such as the Index of Industrial Production (IIP). The IIP is a broader measure of the industrial sector and includes a wider range of industries than the ICI.

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

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

1. According to the Elephant Corridors of India 2023 report, West Bengal has the largest number of identified elephant corridors in the country.
2. The elephant in India is a protected species under Schedule IV of the Wildlife Protection Act, 1972.
3. The Wildlife Protection Act, 1972 does not specifically mention elephant corridors.

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 3** are correct. Elephant Corridors of India 2023 report provided that West Bengal has the highest number of identified elephant corridors in India. The Wildlife Protection Act, 1972 (WPA) does not specifically mention elephant corridors. However, the WPA does provide for the protection of "natural habitats" of elephants.

**Statement 2** is incorrect. The elephant in India is a protected species under Schedule I of the Wildlife Protection Act, 1972.

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

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**Q.5) With reference to Indian Heritage app, consider the following statements:**

1. It will showcase the heritage monuments of India.
2. It will feature state-wise details of monuments along with photographs, list of public amenities available, geo-tagged location and feedback mechanism for citizens.

**Select the correct answer from 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. Indian Heritage app will showcase the heritage monuments of India. It will feature state-wise details of monuments along with photographs, list of public amenities available, geo-tagged location and feedback mechanism for citizens.

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

**Q.6) With reference to Index of Industrial Production (IIP) consider the following statements:**

1. A rising IIP indicates that the industrial sector is doing well, while a falling IIP indicates that the industrial sector is doing poorly.
2. It is compiled and published by the Central Statistical Organisation (CSO).
3. It measures the absolute level of production in the industrial sector.

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

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

**Answer: A**

**Explanation –**

**Statements 1 and 2** are correct. A rising IIP indicates that the industrial sector is doing well, while a falling IIP indicates that the industrial sector is doing poorly. It is compiled and published by the Central Statistical Organisation (CSO).

**Statement 3** is incorrect. IIP measures the relative changes in the production of various industrial products over time, using a base year as a reference point.

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

## 10 PM Compilation for the Month of August 2023

**Q.7) With reference to the Asia Cup, consider the following statements:**

1. The tournament is organized by the Asian Cricket Council (ACC).
2. It is the only continental championship in cricket.
3. India has won the Asia Cup six times.

**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. Asia Cup tournament is organized by the Asian Cricket Council (ACC). It is the only continental championship in cricket.

**Statement 3** is incorrect. India has won the Asia Cup a record 8 times, followed by Pakistan with 5 titles. Sri Lanka has won the tournament 3 times, while Bangladesh and Afghanistan have won it once each. The first Asia Cup was held in 1984 in Sharjah, United Arab Emirates.

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

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

1. Sustainable Development Goal (SDG) 4 is related to good health and wellbeing while SDG 3 is related to quality education.
2. POSHAN Abhiyaan aims to reduce malnutrition in the country with an aim to achieve improvement in nutritional status of Children aged 0-6 years, adolescent Girls, pregnant women and lactating mothers in a time bound manner.

**Select the correct answer from 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. SDG 3 is related to good health and wellbeing while SDG 4 is related to quality education.

**Statement 2** is correct. POSHAN Abhiyaan aims to reduce malnutrition in the country with an aim to achieve improvement in nutritional status of Children aged 0-6 years, adolescent Girls, pregnant women and lactating mothers in a time bound manner.

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

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

1. Edicts of Ashoka mention the diplomatic, trade and cultural relations between Seleucus I and Chandragupta Maurya.
2. Mathura School of art is an example of ancient cultural exchanges between India and Greece.
3. India primarily exports products like petroleum products, automobile parts, cars, SUVs, and flat rolled steel items to Greece.

### 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 3** are correct. Edicts of Ashoka mention the diplomatic, trade and cultural relations between Seleucus I and Chandragupta Maurya. India primarily exports products like petroleum products, automobile parts, cars, SUVs, and flat rolled steel items to Greece.

**Statement 2** is incorrect. Bamiyan Buddha, Gandhara school and Greco-Buddhist art are examples of ancient cultural exchanges between India and Greece.

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

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

1. Parliamentary committees serve as extensions of Parliament and are often referred to as miniature parliaments.
2. Parliamentary privileges serve as a shield to protect the independence, authority, and dignity of Parliament from encroachments by other branches of the state.

### Select the correct answer from 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. Parliamentary committees serve as extensions of Parliament and are often referred to as miniature parliaments. Parliamentary privileges serve as a shield to protect the independence, authority, and dignity of Parliament from encroachments by other branches of the state.

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