

## *10 PM Current Affairs Quiz Compilation*

**18<sup>th</sup> to 23<sup>rd</sup> September, 2023**

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

## 10 PM Compilation for the Month of September [Third Week] 2023

### PRELIMS

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

1. These are naturally occurring proteins produced by the immune system.
2. These monoclonal antibodies are designed to target a specific virus or a part of the 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: B**

**Explanation –**

**Statement 1** is incorrect. Monoclonal Antibodies are laboratory-made proteins. They are created by fusing a single antibody-producing cell with a cancer cell, creating a hybrid cell that can produce large quantities of the antibody.

**Statement 2** is correct. These monoclonal antibodies are designed to target a virus or a specific part. The monoclonal antibodies bind to specific parts of the spike protein, blocking its ability to infect healthy cells.

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

**Q.2) With reference to the PM Vishwakarma scheme, consider the following statements:**

1. It aims to improve the quality as well as the reach of products and services of artisans and craftspeople and to ensure that they are integrated with the domestic and global value chains.
2. The scheme provides interest-free loans to all eligible artisans and craftspeople.

**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. PM Vishwakarma scheme aims to improve the quality as well as the reach of products and services of artisans and craftspeople and to ensure that they are integrated with the domestic and global value chains.

**Statement 2** is incorrect. The scheme aims to provide collateral-free credit supports up to ₹1 lakh (first tranche) and ₹2 lakh (second tranche) at a concessional interest rate of 5%.

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

## 10 PM Compilation for the Month of September [Third Week] 2023

**Q.3) With reference to Unified Portal for Agricultural Statistics (UPAg) portal, consider the following statements:**

1. The portal serves as a centralized hub for near real time information on crop production, market trends, pricing, and other vital agricultural data.
2. It has been developed by Indian Council of Agricultural Research (ICAR).
3. The portal will generate granular production estimates with increased frequency, enhancing the government's ability to respond to agricultural crises swiftly.

**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. UPAg portal serves as a centralized hub for near real time information on crop production, market trends, pricing, and other vital agricultural data. The portal will generate granular production estimates with increased frequency, enhancing the government's ability to respond to agricultural crises swiftly.

**Statement 2** is incorrect. UPAg portal has been developed by Department of Agriculture and Farmers Welfare.

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

**Q.4) With reference to Swachhata Hi Seva (SHS) campaign, consider the following statements:**

1. It is being celebrated this year under the joint aegis of Department of Drinking Water and Sanitation, Ministry of Jal Shakti and Ministry of Housing and Urban Affairs.
2. The theme of SHS-2023 is Swachh Bharat: Swasth Bharat.

**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. SHS campaign is being celebrated from 15th September to 2nd October this year under the joint aegis of Department of Drinking Water and Sanitation, Ministry of Jal Shakti and Ministry of Housing and Urban Affairs.

**Statement 2** is incorrect. The theme of SHS-2023 is 'Garbage Free India'.

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

## 10 PM Compilation for the Month of September [Third Week] 2023

**Q.5) With reference to the Pradhan Mantri Matasya Sampada Yojna (PMMSY) consider the following statements:**

1. It is a scheme to bring about the Blue Revolution through sustainable and responsible development of the fisheries sector in India.
2. It is a scheme for only marine fisheries.
3. Its objective is to enhance fish production and productivity through expansion, intensification, diversification and productive utilization of land and water.

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

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

**Answer: C**

**Explanation –**

**Statements 1 and 3** are correct. PMMSY is a scheme to bring about the Blue Revolution through sustainable and responsible development of the fisheries sector in India. Its objective is to enhance fish production and productivity through expansion, intensification, diversification and productive utilization of land and water.

**Statement 2** is incorrect. PMMSY also includes a component for inland fisheries.

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

**Q.6) With reference to the PM Gati Shakti, consider the following statements:**

1. It seeks to bring all relevant ministries and departments of the central government together, and create a digital platform for comprehensive and integrated project planning.
2. The data from all individual ministries will be integrated into a single platform, facilitating planning, review, and monitoring.
3. It prioritizes projects based on political considerations and not on economic and social considerations.

**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. PM Gati Shakti seeks to bring all relevant ministries and departments of the central government together, and create a digital platform for comprehensive and integrated project planning. The data from all individual ministries will be integrated into a single platform, facilitating planning, review, and monitoring.

**Statement 3** is incorrect. PM Gati Shakti takes various factors into consideration such as economic (job creation), social (improve the quality of life for people), environment, etc.

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

## 10 PM Compilation for the Month of September [Third Week] 2023

**Q.7) With reference to Skill India Digital (SID) Platform, consider the following statements:**

1. It is a comprehensive digital platform aimed at synergizing and transforming the skills, education, employment, and entrepreneurship landscape of India.
2. The platform has been built by National Skill Development Corporation (NSDC).
3. It is a part of the World Bank-assisted Skill Acquisition and Knowledge Awareness for Livelihood Promotion (SANKALP) programme.

**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. SID Platform is a comprehensive digital platform aimed at synergizing and transforming the skills, education, employment, and entrepreneurship landscape of India. The platform has been built by National Skill Development Corporation (NSDC). It is a part of the World Bank-assisted Skill Acquisition and Knowledge Awareness for Livelihood Promotion (SANKALP) programme.

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

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

1. As per the International Monetary Fund's data, India spends 28% of its GDP, but the country lags in sectors like health and education.
2. Services such as education and healthcare in India, despite substantial funding, often face quality concerns.
3. In comparison to India, Bangladesh has lower life expectancy and schooling outcomes.

**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: B**

**Explanation –**

**Statements 1 and 2** are correct. As per the International Monetary Fund's data, India spends 28% of its GDP, but the country lags in sectors like health and education. Services such as education and healthcare in India, despite substantial funding, often face quality concerns.

**Statement 3** is incorrect. In comparison to India, Bangladesh spends only 14.5% of its GDP but shows better life expectancy and schooling outcomes.

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

## 10 PM Compilation for the Month of September [Third Week] 2023

**Q.9) With reference to GM Mustard (DMH-11) consider the following statements:**

1. It will help India to address oil deficit.
2. It will enhance the economic well-being of farmers through increased crop yield.
3. It will completely eliminate the requirement for various pesticides and herbicides.

**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. GM Mustard will help India to address oil deficit, where 60% of demand is met by imports, potentially reducing the oil-import burden which was approximately ₹1.17 lakh crore. It will enhance the economic well-being of farmers through increased crop yield.

**Statement 3** is incorrect. GM mustard is resistant to certain pests and diseases, but it will still be necessary to use pesticides and herbicides to control other pests and diseases.

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

**Q.10) With reference to the Einstein Cross, consider the following statements:**

1. It is a type of celestial phenomenon where four separate stars align perfectly, creating a cross-shaped pattern in the night sky.
2. Einstein Crosses are extremely rare.

**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 Einstein Cross, a galaxy is so perfectly aligned between a more distant galaxy and the Earth that the light from the distant galaxy is bent and split into four separate images, arranged in a cross-shaped pattern. This phenomenon is known as gravitational lensing.

**Statement 2** is correct. Einstein Crosses are extremely rare, because they require a perfect alignment of three objects: the lensing galaxy, the distant galaxy, and the Earth.

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

## 10 PM Compilation for the Month of September [Third Week] 2023

### PRELIMS

#### Q.1) With reference to the place Santiniketan, consider the following statements:

1. It was originally an ashram built by Debendranath Tagore where anyone, irrespective of caste and creed, could come and spend time meditating on the one Supreme God.
2. Visva-Bharati in Santiniketan is Bengal's only central university.
3. Santiniketan is the birthplace of the Indian national anthem, "Jana Gana Mana."

#### 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. Santiniketan was originally an ashram built by Debendranath Tagore where anyone, irrespective of caste and creed, could come and spend time meditating on the one Supreme God. Visva-Bharati in Santiniketan is Bengal's only central university.

**Statement 3** is incorrect. The song was written by Rabindranath Tagore in 1911 in Kolkata and was first sung at the Calcutta session of the Indian National Congress in December of that year. The song was not officially adopted as the Indian national anthem until 1950.

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

#### Q.2) Consider the following statements with reference to the Project Cheetah:

1. It was the first intercontinental transfer of wild cats into India since independence.
2. Cheetah is the only large mammal that has been declared extinct in India in recent history.
3. Project Cheetah is expected to have a negative impact on the local economy.

#### 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. Project Cheetah was the first intercontinental transfer of wild cats into India since independence. Cheetah is the only large mammal that has been declared extinct in India in recent history.

**Statement 3** is incorrect. The project is expected to have a positive impact on the local economy. Tourism is a major source of income for the Kuno region, and the presence of cheetahs is likely to attract more visitors. This will lead to increased spending on accommodation, food, and transportation.

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

## 10 PM Compilation for the Month of September [Third Week] 2023

**Q.3) With reference to the PM Vishwakarma Scheme, consider the following statements:**

1. Under the scheme, the Vishwakarma workers will be registered for free through Common Services Centres using the biometric-based PM Vishwakarma portal.
2. The Ministry of Skill Development and Entrepreneurship is the nodal ministry for implementing the scheme.

**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. Under the scheme, the Vishwakarma workers will be registered for free through Common Services Centres using the biometric-based PM Vishwakarma portal.

**Statement 2** is incorrect. The Ministry of Micro, Small & Medium Enterprise is the nodal ministry for implementing the scheme.

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

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

1. It is a convention center that has the largest LED media facade in the country.
2. It is India's first convention centre with world-class infrastructure for exhibitions and conferences.

**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. Yashobhoomi is a convention center that has the largest LED media facade in the country.

**Statement 2** is incorrect. Yashobhoomi is the second convention centre with world-class infrastructure for exhibitions and conferences after the Bharat Mandapam, which played host to world leaders at the recently concluded G20 Summit.

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

## 10 PM Compilation for the Month of September [Third Week] 2023

**Q.5) With reference to Scrub typhus, consider the following statements:**

1. It is a type of viral disease.
2. People who frequently visit farmlands or forests are vulnerable to infection.
3. No vaccine is available to prevent scrub typhus.

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

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

**Answer: C**

**Explanation –**

**Statement 1** is incorrect. Scrub typhus is a bacterial disease caused by the bacterium *Orientia tsutsugamushi*.

**Statements 2 and 3** are correct. People who frequently visit farmlands or forests are vulnerable to infection. No vaccine is available to prevent scrub typhus.

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

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

1. India is the world's diabetes capital.
2. Infant mortality and maternal mortality in India have been increasing since 1980s.
3. India has exceptional clinical talent capable of delivering clinical outcomes on a massive scale and at a fraction of the global cost.

**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 is the world's diabetes capital. India has exceptional clinical talent capable of delivering clinical outcomes on a massive scale and at a fraction of the global cost.

**Statement 2** is incorrect. Infant mortality has decreased fourfold, and maternal mortality has decreased sevenfold since the 1980s. The average life expectancy of an Indian has increased by nearly 30%, from 55 years to over 70 since 1980s.

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

## 10 PM Compilation for the Month of September [Third Week] 2023

**Q.7) With reference to the Basmati Rice, consider the following statements:**

1. A fixed Minimum Support Price (MSP) is offered for basmati paddy.
2. Most basmati rice is for export, with only a small portion directed towards the domestic market.
3. Basmati growers are heavily impacted by changes in government policies regarding exports.

**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. Basmati paddy doesn't have a fixed minimum support price (MSP).

**Statements 2 and 3** are correct. Most basmati rice is for export, with only a small portion directed towards the domestic market. Basmati growers are heavily impacted by changes in government policies regarding exports.

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

**Q.8) With reference to Over-the-Top (OTT) services, consider the following statements:**

**Statement-I:** OTT services reduce the need for traditional telecom services like voice calls and texts.

**Statement-II:** OTTs operate on infrastructure built by Telecom Service Providers (TSPs) without contributing to its costs.

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

- a) Both Statement-I and Statement-II are correct, and Statement-II is the correct explanation for Statement-I
- b) Both Statement-I and Statement-II are correct, and Statement-II is not the correct explanation for Statement-I
- c) Statement-I is correct, but Statement-II is incorrect
- d) Statement-I is incorrect, but Statement-II is correct

**Answer: B**

**Explanation –**

**Statements 1 and 2** are correct. OTT services reduce the need for traditional telecom services like voice calls and texts. For example, platforms like WhatsApp offer messaging and calls over the internet. OTTs operate on infrastructure built by Telecom Service Providers (TSPs) without contributing to its costs. The Cellular Operators Association of India (COAI), representing giants like Jio and Airtel, highlights that OTTs don't contribute to the exchequer or invest in network infrastructure like TSPs do.

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

## 10 PM Compilation for the Month of September [Third Week] 2023

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

1. Sustainable Aviation Fuels have a higher energy density than conventional jet fuel.
2. The production process for sustainable biofuels is lengthy and complex which makes them more expensive than traditional jet fuel.

Select the correct statements using the codes given below:

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

**Answer: B**

**Explanation –**

**Statement 1** is incorrect. Sustainable Aviation Fuels have a lower energy density than conventional jet fuel. It means that larger volumes are required to refuel aircraft and that SAFs will produce slightly less thrust per unit of fuel.

**Statement 2** is correct. The production process for sustainable biofuels is lengthy and complex which makes them more expensive than traditional jet fuel.

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

### Q.10) Consider the following statements with reference to the tea industry in India:

1. Approximately 85% of the tea produced is consumed domestically.
2. India's per capita tea consumption is one of the lowest in the world.
3. India does not produce some of the newer tea categories, such as Kenyan yellow tea, which has recently gained popularity.

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. Approximately 85% of the tea produced is consumed domestically. India's per capita tea consumption is around 800 grams per year. It is one of the lowest in the world. India does not produce some of the newer tea categories, such as Kenyan yellow tea, which has gained popularity as a recent trend.

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

## 10 PM Compilation for the Month of September [Third Week] 2023

### PRELIMS

#### Q.1) With reference to the Ozone Layer, consider the following statements:

1. Ozone Layer is a vast layer of ozone gas located beneath the Earth's surface, acting as a protective shield against harmful cosmic rays and preventing the escape of oxygen into space.
2. The Vienna Convention led to the implementation of the Montreal Protocol, which seeks to restore the ozone layer and safeguard the Earth's Ozone Layer by gradually eliminating the production and use of Ozone Depleting Substances in various applications.

#### 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 ozone layer is not located beneath the Earth's surface. It is located in the stratosphere, which is the second layer of the Earth's atmosphere. The ozone layer is a region of Earth's stratosphere that absorbs most of the Sun's ultraviolet radiation.

**Statement 2** is correct. The Vienna Convention led to the implementation of the Montreal Protocol, which seeks to restore the ozone layer and safeguard the Earth's Ozone Layer by gradually eliminating the production and use of Ozone Depleting Substances in various applications.

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

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

1. The India Cooling Action Plan (ICAP) aims to increase refrigerant demand by 25-30% by 2037-38.
2. Under the Kigali Amendment, developing countries are required to phase down hydrofluorocarbons (HFCs) faster than the developed 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: D**

#### Explanation –

**Statements 1 and 2** are incorrect. The India Cooling Action Plan (ICAP) aims to reduce refrigerant demand by 25-30% by 2037-38. Under the Kigali Amendment, developing countries are provided with flexibility in their phase-down schedules for hydrofluorocarbons (HFCs). Developing countries are given more time to reduce their HFC consumption and production compared to developed countries.

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

## 10 PM Compilation for the Month of September [Third Week] 2023

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

1. It was started by the India League, a British organization that started out as an advocate for Indian independence and self-rule (swaraj) and included members of the elite in British society.
2. India Club is a private club meant for Indian nationals only.
3. Dr Rajendra Prasad has visited the India Club.

**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 Club was started in 1951 by the India League, a British organization that started out as an advocate for Indian independence and self-rule (swaraj) and included members of the elite in British society. It was established under the leadership of V. K. Krishna Menon; founding members included Lady Mountbatten and Jawaharlal Nehru. Dr Rajendra Prasad, Lord Mountbatten, Jawaharlal Nehru, Dadabhai Naoroji visited this club.

**Statement 2** is incorrect. India Club is not a private club meant for Indian nationals only. It is a social and dining club that is open to people of all nationalities. The club has a long history of promoting Indian culture and understanding in the UK, and it is a place where people from all walks of life can come together to learn about and enjoy Indian culture.

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

**Q.4) With reference to Sacred Ensembles of the Hoysalas, consider the following statements:**

1. These are a group of three Buddhist temple complexes.
2. Keshava Temple, one of the temples under Sacred Ensembles, is also referred to as the Halebidu temple and it is located on the banks of Dwarasamudra tank.
3. These temples have complex architectural features, such as star-shaped plans and stepped roofs.

**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 Sacred Ensembles of the Hoysalas are a group of three Hindu temple complexes in the Indian state of Karnataka that were built by the Hoysala dynasty between the 11th and 13th centuries. The three temples are: Chennakeshava Temple at Belur, Hoysaleswara Temple at Halebidu, and Keshava Temple at Somnathapura. Hoysaleswara temple, also referred to as the Halebidu temple, is a 12th-century Hindu temple dedicated to Shiva. It is located on the banks of Dwarasamudra tank.

## 10 PM Compilation for the Month of September [Third Week] 2023

**Statement 3** is correct. These temples have complex architectural features, such as star-shaped plans and stepped roofs.

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

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

1. Swavlamban 2023 is a conference about the latest trends in foreign naval technology.
2. SPRINT Initiative aims to give a boost to the usage of indigenous technology in the Indian Navy.

**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. Swavlamban 2023 is a conference about the latest trends in Indian naval technology. Its primary goal is to promote indigenous innovation and indigenisation in the Indian Navy.

**Statement 2** is correct. SPRINT Initiative aims to give a boost to the usage of indigenous technology in the Indian Navy. As part of this initiative, Indian Navy aims to induct at least 75 new indigenous technologies/products into the Indian Navy.

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

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

1. It is an exercise to test the preparedness of the Indian Air Force in case of a war.
2. It also helps to ensure the safety and security of India's coastline.

**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. Operation Sajag is a monthly drill conducted by the Indian Coast Guard along the Indian coast to validate the coastal security mechanism and bring awareness among fishermen at sea.

**Statement 2** is correct. The drill is conducted with the participation of all stakeholders of the coastal security construct, including the Indian Navy, Customs, Marine Police, and Ports. It is a valuable exercise that helps to ensure the safety and security of India's coastline.

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

## 10 PM Compilation for the Month of September [Third Week] 2023

**Q.7) With reference to SHREYAS Scheme, consider the following statements:**

1. The Scheme aims to offer quality coaching to economically disadvantaged SCs and OBCs, helping them participate in competitive exams, secure jobs in the public/private sectors, and gain admission to prestigious higher education institutions.
2. It is being implemented by the Ministry of Education, Government of India.
3. It provides financial assistance to students to cover the cost of tuition fees only.

**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: A**

**Explanation –**

**Statement 1** is correct. Scholarships for Higher Education for Young Achievers Scheme (SHREYAS) scheme aims to offer quality coaching to economically disadvantaged SCs and OBCs, helping them participate in competitive exams, secure jobs in the public/private sectors, and gain admission to prestigious higher education institutions.

**Statement 2 and 3** are incorrect. The scheme is being implemented by the Ministry of Social Justice & Empowerment. The scheme provides total tuition fee, maintenance and contingency allowance, visa fee, to and fro air passage etc. to the awardees.

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

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

1. Kisan Rin Portal aims to give farmers subsidized loans under the Kisan Credit Card (KCC) scheme.
2. The WINDS Portal allows for online land registration for windmill installations and provides details about government subsidies available for windmill establishment.

**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. Kisan Rin Portal aims to give farmers subsidized loans under the Kisan Credit Card (KCC) scheme. The portal will offer a comprehensive view of farmer data, scheme utilization progress, loan disbursement specifics and interest subvention claim to increase seamless integration with banks for more effective and efficient agriculture credit.

**Statement 2** is incorrect. Weather information Network Data Systems (WINDS) aims to leverage advanced weather data analytics to give stakeholders actionable insight to make informed weather decisions on agriculture.

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

## 10 PM Compilation for the Month of September [Third Week] 2023

**Q.9) With reference to the defense technology, Vibhav is a –**

- a) Surveillance and Reconnaissance System
- b) Anti-tank Mine
- c) Nuclear Missile
- d) Sonar Device

**Answer: B**

**Explanation –** Vibhav is an indigenously manufactured self-neutralizing anti-tank mine. It is designed to provide mobility kill against all enemy armoured vehicles.

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

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

- 1. Micro, Small, and Medium Enterprises (MSMEs) account for 27% of India's GDP.
- 2. Only about 1% of MSMEs in India are exporters.
- 3. The rise of e-commerce platforms can help MSMEs access global customers.

**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. Micro, Small, and Medium Enterprises (MSMEs) account for 27% of India's GDP and provide 110 million jobs. India's share in global merchandise exports is around 2%, with MSMEs contributing just 6% of Indian exports. Only about 1% of MSMEs are exporters, suggesting a challenge in capturing the global market. The rise of e-commerce platforms can help MSMEs access global customers.

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

## 10 PM Compilation for the Month of September [Third Week] 2023

### PRELIMS

**Q.1) The Bureau of Indian Standards (BIS) has announced that it has established Standard Clubs in schools and colleges across the country. With reference to Standard Clubs, consider the following statements:**

1. Standards Clubs can be formed in any educational institution in India comprising teachers and students.
2. They are being established with the aim of preparing students to explore career prospects in the Indian defense sector, which offers attractive employment packages.

**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. Standards Clubs can be formed in any educational institution in India comprising teachers and students – High & Higher Secondary schools, engineering colleges, science colleges, polytechnics, professional institutions.

**Statement 2** is incorrect. They are being established with an objective to sensitize young members of society about the importance of standards in improving quality of life.

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

**Q.2) With reference to Rashtriya Vigyan Puraskar, consider the following statements:**

1. Vigyan Ratna category of the award will be given to the person for distinguished contributions to a recognized field.
2. These awards will be given once in three years.
3. The awards can also be given to Persons of Indian Origin (PIOs).
4. The awards will be announced on National Technology Day.

**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 2** are incorrect. Vigyan Ratna category of the award will be given for the lifetime achievement of scientists. These awards will be given annually.

**Statements 3 and 4** are correct. The awards can also be given to Persons of Indian Origin (PIOs). The awards will be announced on National Technology Day, May 11.

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

## 10 PM Compilation for the Month of September [Third Week] 2023

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

1. Nearly half of people with hypertension globally are currently unaware of their condition.
2. More than three-quarters of adults with hypertension live in high income countries.
3. Hypertension is the most important risk factor for death and disability in India.

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

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

**Answer: C**

#### Explanation –

**Statements 1 and 3** are correct. Nearly half of people with hypertension globally are currently unaware of their condition. Hypertension is the most important risk factor for death and disability in India.

**Statement 2** is incorrect. More than three-quarters of adults with hypertension live in low- and middle-income countries.

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

### Q.4) With reference to the United Nations Inter-Agency Task Force (UNIATF) on Non-Communicable Diseases, consider the following statements:

**Statement-I:** Its role is to bring the United Nations system and other intergovernmental organizations together to support governments to meet the NCD-related SDG targets which includes mental health.

**Statement-II:** The task force reports each year to the United Nations Children's Fund (UNICEF).

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

- a) Both Statement-I and Statement-II are correct and Statement-II is the correct explanation for Statement-I
- b) Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-I
- c) Statement-I is correct but Statement-II is incorrect
- d) Statement-I is incorrect but Statement-II is correct

**Answer: C**

#### Explanation –

**Statement 1** is correct. The role of UNIATF NCDs is to bring the United Nations system and other intergovernmental organizations together to support governments to meet the NCD-related SDG targets which includes mental health.

**Statement 2** is incorrect. The task force reports each year to the Economic and Social Council of the United Nations.

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

## 10 PM Compilation for the Month of September [Third Week] 2023

**Q.5) With reference to the National Agriculture Market (e-NAM) consider the following statements:**

1. The platform connects the current Agricultural Produce Market Committee (APMC) mandis to form a unified national market for agricultural commodities.
2. The portal is managed by Small Farmers' Agribusiness Consortium (SFAC), under the aegis of the Ministry of Agriculture and Farmers Welfare.
3. A small percentage of the sale price is taken as a commission by the platform.

**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. e-NAM platform connects the current Agricultural Produce Market Committee (APMC) mandis to form a unified national market for agricultural commodities. The portal is managed by Small Farmers' Agribusiness Consortium (SFAC), under the aegis of the Ministry of Agriculture and Farmers Welfare.

**Statement 3** is incorrect. e-NAM is a free online platform for Indian farmers to list their produce, receive bids from buyers across the country, and get paid directly if they accept a bid.

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

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

1. Dhanush gun has been developed by the Advanced Weapons and Equipment India Limited (AWEIL).
2. The Pralay missile is a submarine-launched ballistic missile.

**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. Dhanush is a 155 mm, 45-calibre towed artillery gun with a range of 36 km. The gun has demonstrated a range of 38 km. The gun is an upgrade of the existing 155 mm, 39-calibre Bofors FH 77 gun. It has been developed by the Advanced Weapons and Equipment India Limited (AWEIL), formerly known as the Ordnance Factory Board (OFB).

**Statement 2** is incorrect. Pralay is a quasi-ballistic surface-to-surface missile. It is designed to be launched from a mobile platform, such as a truck or launcher vehicle. The missile is designed to destroy enemy radar, communication installations, command centres and airfields.

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

## 10 PM Compilation for the Month of September [Third Week] 2023

**Q.7) With reference to Five Eyes Alliance, consider the following statements:**

1. It is an alliance comprising Canada, the US, the UK, Australia and New Zealand.
2. Its purpose is to promote international tourism and travel among the member states.

**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 Five Eyes alliance is a cooperative intelligence network comprising Australia, Canada, New Zealand, the United Kingdom, and the United States.

**Statement 2** is incorrect. The Five Eyes alliance is a global intelligence coalition where members share various types of intelligence and engage in joint operations and training.

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

**Q.8) With reference to the India-Middle East-Europe Corridor (IMEC) consider the following statements:**

1. It is a proposed multimodal transportation network that would connect India to Europe via the Middle East.
2. It has gained support from the World Bank.
3. It will be the longest transportation corridor in the world.

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

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

**Answer: A**

**Explanation –**

**Statements 1 and 2** are correct. IMEC is a proposed multimodal transportation network that would connect India to Europe via the Middle East. It has gained support from the World Bank.

**Statement 3** is incorrect. The IMEC is still in the early stages of planning, and its exact route has not yet been finalized. However, the longest transportation corridor in the world is the Trans-Siberian Railway, which is over 9,200 kilometers long. The IMEC is expected to be shorter than the Trans-Siberian Railway.

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

## 10 PM Compilation for the Month of September [Third Week] 2023

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

1. The virus can be spread from animal to animals as well as from animals to humans.
2. Kerala has experienced multiple occurrences of the Nipah Virus due to its proximity to the Western Ghats.
3. The Nipah virus exhibits a higher level of transmissibility in comparison to the SARS-CoV-2 virus.

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

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

**Answer: A**

**Explanation –**

**Statements 1 and 2** are correct. Nipah Virus can be spread from animal to animals as well as from animals to humans. Kerala has experienced multiple occurrences of the Nipah Virus due to its proximity to the Western Ghats. Kerala's proximity to the Western Ghats makes it a potential hotspot for zoonotic virus outbreaks, as bats often dwell near humans due to the abundance of fruit trees in these areas.

**Statement 3** is incorrect. SARS-CoV-2 had an R-0 of 2 to 3, indicating that one person could transmit it to three others, who could in turn pass it to nine, and so forth. In contrast, the Nipah Virus has an R-0 of only 0.4, so if 10 people contracted the virus, they could only pass it to four people, and those four could infect a maximum of two, and so on. This means Nipah virus has lower rate of spreading than SARS-CoV-2. However, it has a higher mortality rate compared to SARS-CoV-2.

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

## 10 PM Compilation for the Month of September [Third Week] 2023

### PRELIMS

#### Q.1) Consider the following statements with reference to the animal Mithun:

1. It is the state animal of Mizoram.
2. Indian Council of Agricultural Research (ICAR) has launched the M-ANITRA app to register mithun farmers as “buyers” and “sellers” with the aim to help them do business at competitive prices.
3. Mithun can be used for large scale dairy farming.

#### 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. Mithun is the state animal of Arunachal Pradesh and Nagaland. Mithun cannot be used for large scale dairy farming because it produces very less quantity of milk.

**Statement 2** is correct. Indian Council of Agricultural Research (ICAR) has launched the M-ANITRA app to register mithun farmers as “buyers” and “sellers” with the aim to help them do business at competitive prices.

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

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

1. One of the functions of National Medical Commission (NMC) is to encourage medical professionals to adopt latest medical research in their work.
2. The World Federation for Medical Education (WFME) promotes the use of traditional medicine over modern 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: A**

#### Explanation –

**Statement 1** is correct. Out of various functions of NMC, one is to encourage medical professionals to adopt latest medical research in their work.

**Statement 2** is incorrect. The WFME is a global organization that works to improve the quality of medical education worldwide. The WFME is not involved in promoting or endorsing any particular type of medicine, whether traditional or modern.

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

## 10 PM Compilation for the Month of September [Third Week] 2023

**Q.3) With reference to the Telecom Technology Development Fund (TTDF) Scheme, consider the following statements:**

1. The scheme has been launched by the Universal Service Obligation Fund (USOF), a body under the Department of Telecommunications.
2. The goal of the TTDF Scheme is to develop new telecom technologies and products that will benefit Indian consumers and businesses.
3. Telecommunications firms from overseas that have established offices in India are eligible for the TTDF 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: A**

**Explanation –**

**Statements 1 and 2** are correct. The scheme has been launched by the Universal Service Obligation Fund (USOF), a body under the Department of Telecommunications. The goal of the TTDF Scheme is to develop new telecom technologies and products that will benefit Indian consumers and businesses.

**Statement 3** is incorrect. The TTDF scheme is aimed at promoting technology ownership and indigenous manufacturing in India, and only Indian companies/start-ups, academic institutions, and R&D institutions are eligible to receive funding under the scheme.

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

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

1. Spiral galaxies like the Milky Way have higher star formation rates, lower stability, less gas, and faster gravitational instability growth.
2. Highly stable galaxies have faster, short-term star formation, rapidly depleting available gas into stars.

**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. Researchers at the Indian Institute of Astrophysics (IIA) conducted a study to explore the connection between gravitational instabilities and galaxy evolution. The following observation was made: spiral galaxies like the Milky Way have higher star formation rates, lower stability, less gas, and faster gravitational instability growth.

**Statement 2** is incorrect. As per the study, highly stable galaxies, have slower, long-term star formation, gradually converting available gas into stars.

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

## 10 PM Compilation for the Month of September [Third Week] 2023

**Q.5) With reference to the Truenat Test, consider the following statements:**

1. It uses real-time micro polymerase chain reaction (PCR) technology.
2. It can be used to diagnose cancer.
3. The TrueNat tests apply the same scientific principles as RT-PCR tests, but they yield results more quickly.

**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. Truenat Test uses real-time micro polymerase chain reaction (PCR) technology. It applies the same scientific principles as RT-PCR tests, but they yield results in half an hour. This test is being used for Nipah Virus.

**Statement 2** is incorrect. The Truenat Test is a molecular test that can be used to detect the presence of specific DNA or RNA sequences from pathogens. It is not a diagnostic test for cancer. It is mainly used for the detection of tuberculosis (TB) and RIF resistance in people being evaluated for pulmonary TB.

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

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

1. It aims to simplify the process of purchasing insurance for consumers.
2. It is a government-owned insurance company.
3. Bima Sugam will fulfill all insurance needs, encompassing life, health, and general insurance, such as motor and travel coverage.

**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. Bima Sugam aims to simplify the process of purchasing insurance for consumers. It will fulfill all insurance needs, encompassing life, health, and general insurance, such as motor and travel coverage.

**Statement 2** is incorrect. Bima Sugam is a digital platform that is being developed by the Insurance Regulatory and Development Authority of India (IRDAI) to make it easier for people to buy and manage insurance policies from a variety of insurers. It is not a government-owned insurance company.

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

## 10 PM Compilation for the Month of September [Third Week] 2023

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

1. Hidden hunger occurs when people get enough food to eat, but the food lacks essential nutrients, vitamins, and minerals, leading to malnutrition.
2. Hidden hunger is not a problem for people who eat enough calories.
3. Hidden hunger is often difficult to detect because it does not always cause obvious physical symptoms.

#### 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. Hidden hunger occurs when people get enough food to eat, but the food lacks essential nutrients, vitamins, and minerals, leading to malnutrition. It is often difficult to detect because it does not always cause obvious physical symptoms.

**Statement 2** is incorrect. Hidden hunger is still a concern for individuals who consume enough calories but lack essential micronutrients in their diet. So, a person can have enough calories in their diet but still be affected by hidden hunger if their diet lacks crucial micronutrients like iron, vitamin A, iodine, and others.

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

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

1. Slums play a pivotal role in the urban economy by providing labor.
2. Slums offer shelter to the urban poor, migrants, and other marginalized groups.
3. Slums actively shape and are shaped by the dynamics of the cities they are part of, impacting overall urban experience and development.

#### 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. Slums play a pivotal role in the urban economy by providing labor. Slums offer shelter to the urban poor, migrants, and other marginalized groups. Slums actively shape and are shaped by the dynamics of the cities they are part of, impacting overall urban experience and development.

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

## 10 PM Compilation for the Month of September [Third Week] 2023

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

1. Self Help Groups (SHGs) are government-run organizations that control the financial resources of the community.
2. The primary aim of SHGs is to empower their members economically, socially, and emotionally.

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. SHGs are informal groups of people who come together to address their common problems. They are typically self-managed and self-financed. While SHGs may receive support from government agencies and non-governmental organizations, they are not controlled by the government.

**Statement 2** is correct. The primary aim of SHGs is to empower their members economically, socially, and emotionally.

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

### Q.10) With reference to the Battery energy storage system (BESS), consider the following statements:

1. They use algorithms to interact with the grid and make decisions regarding storing and releasing of surplus energy.
2. BESS typically work by using a power converter to convert electricity from the source into a form that can be stored in the batteries.

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. BESS use algorithms to interact with the grid and make decisions regarding storing and releasing of surplus energy. BESS typically work by using a power converter to convert electricity from the source into a form that can be stored in the batteries.

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

## 10 PM Compilation for the Month of September [Third Week] 2023

### PRELIMS

#### Q.1) Consider the following statements with reference to prisons in India:

1. Uttar Pradesh has the highest percentage of undertrial prisoners in India.
2. Prisons are understaffed by approximately 30% of the required personnel.

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. Uttar Pradesh has the highest number of undertrial prisoners, accounting for 21.21% of the country's total while Delhi has the highest percentage of undertrial prisoners, comprising 91% of its total inmate population.

**Statement 2** is correct. Prisons are understaffed by approximately 30% of the required personnel.

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

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

1. International Congress on the Chemistry of Cement (ICCC) is the largest and most prestigious event of its kind which reviews the progress of research in the area of Cement and Concrete.
2. National Council for Cement and Building Materials (NCCBM) is an organization under the administrative control of Department for Promotion of Industry and Internal Trade (DPIIT), Ministry of Commerce & Industry.
3. NCCBM is a regulatory body that controls the cement and building materials industry in India.

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: B**

**Explanation –**

**Statements 1 and 2** are correct. ICCC is the largest and most prestigious event of its kind which reviews the progress of research in the area of Cement and Concrete. NCCBM is an apex Research and Development organization under the administrative control of Department for Promotion of Industry and Internal Trade (DPIIT), Ministry of Commerce & Industry.

**Statement 3** is incorrect. NCCBM, an autonomous R&D organization, offers various services to the cement and building materials sector. It's non-profit and government-funded, not involved in industry regulation or production.

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

## 10 PM Compilation for the Month of September [Third Week] 2023

**Q.3) With reference to the Samudra Prahari, a Coastguard Ship, consider the following statements:**

1. The vessel is designed to operate twin-engine Advanced Light Helicopters and to operate and embark Chetak helicopter.
2. It is equipped with state-of-the-art pollution control gear to mitigate oil spills in the Exclusive Economic Zone.
3. The vessel also serves as a research ship and will be utilized for conducting in-depth ocean research.

**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 vessel is designed to operate twin-engine Advanced Light Helicopters and to operate and embark Chetak helicopter. It's a specialized pollution control vessel of the Indian Coast Guard, the first in Southeast Asia, with state-of-the-art pollution control gear to manage oil spills in the Exclusive Economic Zone.

**Statement 3** is incorrect. The vessel is not for research purpose.

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

**Q.4) With reference to the cement industry in India, consider the following statements:**

1. India's cement industry is fourth largest in the world.
2. The cement industry in India plays a key role in the circular economy framework in the country.

**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. India's cement industry is second largest in the world with installed cement capacity of 600 million tonnes.

**Statement 2** is correct. The cement industry in India plays a key role in the circular economy framework in the country by utilizing various industrial wastes and is having one of the lowest CO2 footprints and most energy efficient in the world.

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

## 10 PM Compilation for the Month of September [Third Week] 2023

**Q.5) With reference to the Climate Ambition Summit (CAS) consider the following statements:**

1. The Summit represents a critical political milestone for demonstrating that there is collective global will to accelerate the pace and scale of a just transition to a more equitable renewable-energy based, climate-resilient global economy.
2. Under the summit, scientists present their findings and research related to climate change.

**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. CAS represents a critical political milestone for demonstrating that there is collective global will to accelerate the pace and scale of a just transition to a more equitable renewable-energy based, climate-resilient global economy.

**Statement 2** is incorrect. The Climate Ambition Summit is not a summit for scientists to share their research on climate change. It aims to speed up climate action by uniting leaders from governments, business, finance, local authorities, and civil society. It offers a platform for them to express their climate ambitions, commitments, and learn from climate action pioneers.

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

**Q.6) With reference to the General Crop Estimation Survey (GCES) consider the following statements:**

1. It is a survey conducted by the Ministry of Food and Consumer Affairs to estimate the demand for major crops in the country.
2. It is based on the crop cutting experiment (CCE) method, in which randomly selected crop plots are harvested and the yield is measured.
3. The GCES has been revolutionized with the launch of a mobile application and web portal that provide a comprehensive repository of yield estimation, including village-wise GCES plan.

**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. GCES is a large-scale survey conducted by the Directorate of Economics and Statistics (DES), Ministry of Agriculture and Farmers Welfare, Government of India, to estimate the production of major crops in the country. It occurs biannually during the Kharif and Rabi seasons.

**Statements 2 and 3** are correct. GCES is based on the crop cutting experiment (CCE) method, in which randomly selected crop plots are harvested and the yield is measured. The GCES has

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been revolutionized with the launch of a mobile application and web portal that provide a comprehensive repository of yield estimation, including village-wise GCES plan.

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

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

1. Women's representation in Lok Sabha has increased from 5% in the first Lok Sabha to 15% in the last Lok Sabha elections.
2. No state in India has more than 20% women representation in its Assembly.

**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. Women's representation in Lok Sabha has increased from 5% in the first Lok Sabha to 15% in the current Lok Sabha. No state in India has more than 20% women representation in its Assembly. Chhattisgarh has the highest representation with 18% women MLAs while Himachal Pradesh has just one-woman MLA and Mizoram has none.

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

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

1. Vanadium is an inert metal.
2. Brazil is the world's largest exporter of vanadium while China has the highest vanadium reserves in 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: B**

**Explanation –**

**Statement 1** is incorrect. Vanadium is a hard, ductile, and silvery-grey transition metal. It is harder than most metals and exhibits good corrosion resistance against alkalis and acids.

**Statement 2** is correct. Brazil is the world's largest exporter of vanadium while China has the highest vanadium reserves in the world.

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

## 10 PM Compilation for the Month of September [Third Week] 2023

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

1. It is the process of identifying, preserving, collecting, analyzing, and presenting digital evidence in a court of law.
2. Digital forensics tools can predict future cybercrimes and stop them before they happen.
3. Its development and application are critical in enhancing the security measures in place, helping to safeguard sensitive information in various sectors.

**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. Digital forensics is the process of identifying, preserving, collecting, analyzing, and presenting digital evidence in a court of law. Its development and application are critical in enhancing the security measures in place, helping to safeguard sensitive information in various sectors.

**Statement 2** is incorrect. Digital forensics tools are designed to investigate and analyze digital evidence after a cybercrime has occurred, not predict or prevent future cybercrimes.

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

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

1. Unlike the G7, BRICS lacks a strong ideological alignment and cohesiveness.
2. BRICS faces more internal disagreements among its members as compared to G7.

**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. Unlike the G7, BRICS lacks a strong ideological alignment and cohesiveness. BRICS faces more internal disagreements among its members as compared to G7. The rivalry between India and China is a notable example.

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