

10 PM Current Affairs Quiz Compilation

September, 2023

10 PM Compilation for the Month of September 2023

PRELIMS

Q.1) With reference to G20 Culture Corridor, consider the following statements:

1. It is a G20 Digital Museum to represent and celebrate the shared heritage of G20 members and invitee countries.
2. The project is based on the theme of Lokah Vibhajyate.
3. It has been conceptualized by the Ministry of Culture.

Which of the statement 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. G20 Culture Corridor is a G20 Digital Museum to represent and celebrate the shared heritage of G20 members and invitee countries. It has been conceptualized by the Ministry of Culture.

Statement 2 is incorrect. This project is based on India's G20 theme Vasudhaiva Kutumbakam' and the Culture Working Group's (CWG) hallmark campaign 'Culture Unites All'.

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

Q.2) Consider the following statements:

1. A voidable marriage is a marriage that is valid until it is annulled by a court.
2. The Mitakshara school of Hindu Law is primarily followed in the West Bengal.

Select the correct statements using the codes given below:

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

Answer: C

Explanation –

Statement 1 is correct. A voidable marriage is a marriage that is valid until it is annulled by a court.

Statement 2 is incorrect. The Mitakshara school is predominant in most parts of India, except for the state of West Bengal and some areas in Assam.

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

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Q.3) With reference to the National Pension System (NPS) consider the following statements:

1. It is a defined benefit scheme, which means that the amount of pension received will be fixed and guaranteed by the government.
2. The Tier I account under the NPS, is a voluntary account where the contributions are not mandatory and can be withdrawn at any time.
3. The NPS account is portable.

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 NPS is a defined contribution scheme, which means that the amount of pension you receive will depend on the amount of money you contribute and the returns on your investments. The Tier I account under the NPS, is a retirement account where the contributions are mandatory and cannot be withdrawn before the age of 60.

Statement 3 is correct. The NPS is portable, which means that the account can be transferred from one pension fund to another.

Source: [ForumIAS](#)

Q.4) Consider the following statements:

Statement-I: The Central Government on the advice of the University Grants Commission (UGC) can declare an Institution of Higher Education other than universities working at a very high standard in a specific area of study as an Institution 'Deemed-to-be-university'.

Statement-II: Institutions that are granted deemed-to-be-university status remains ineligible for government funding.

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 Central Government on the advice of the University Grants Commission (UGC) can declare an Institution of Higher Education other than universities working at a very high standard in a specific area of study as an Institution 'Deemed-to-be-university'.

Statement 2 is incorrect. Institutions that are granted deemed-to-be-university status are given the same academic status and privileges as universities. This means that they can offer their own degrees, conduct research, and award scholarships. They are also eligible for government funding.

Source: [ForumIAS](#)

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Q.5) With reference to the National Council of Educational Research and Training (NCERT) consider the following statements:

1. NCERT is involved in the development of national curricula for school education.
2. NCERT provides training to teachers and other education personnel.
3. The Executive Committee (EC) is the highest decision-making body of NCERT.
4. The Executive Committee (EC) is chaired by the Director General of School Education.

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. NCERT is involved in the development of national curricula for school education. NCERT provides training to teachers and other education personnel. The EC is the highest decision-making body of NCERT.

Statement 4 is incorrect. The Executive Committee (EC) is chaired by the education minister.

Source: [ForumIAS](#)

Q.6) With reference to Meri Mati Mera Desh campaign, consider the following statements:

1. Under the campaign, panchayats/villages/urban local bodies will replenish Mother Earth by planting 75 saplings of indigenous species and develop the 'Amrit Vatika'.
2. Under the campaign, a memorial will be built on which the names of freedom fighters, defense personnel, personnel of Central Armed Police Forces and State Police who laid down their lives in the line of duty.

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. Under the Meri Mati Mera Desh campaign, panchayats/villages/urban local bodies will replenish Mother Earth by planting 75 saplings of indigenous species and develop the 'Amrit Vatika'. A memorial will also be built on which the names of freedom fighters, defense personnel, personnel of Central Armed Police Forces and State Police who laid down their lives in the line of duty.

Source: [ForumIAS](#)

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Q.7) Consider the following pairs:

Culture/Artefacts -----Country

1. Rig Veda manuscript ----- India
2. Fahua lidded porcelain jay-----South Africa
3. Mrs Ples fossil-----China
4. Copy of the Magna Carta-----England

How many of the above pairs are correctly matched?

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

Answer: B

Explanation – 1 and 4 are correctly matched. Fahua lidded porcelain jay is a Chinese ceramic figurine that was made during the Tang dynasty. Mrs Ples fossil is a famous and scientifically significant fossil discovery. This fossil was discovered in South Africa and is estimated to be approximately 2.05 million years old.

Source: [ForumIAS](#)

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

1. India's Parliament has no fixed calendar of sittings.
2. The Constitution does not use the term "special session" of the Parliament.
3. The Constitution does not lay down a particular timeframe between two parliamentary sessions.

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. India's Parliament has no fixed calendar of sittings. The Government determines the date and duration of parliamentary sessions. The Constitution does not use the term "special session". Article 352 (Proclamation of Emergency) of the Constitution refers to a "special sitting of the House" at the time of emergency.

Statement 3 is incorrect. The Constitution specifies that six months should not elapse between two parliamentary sessions.

Source: [ForumIAS](#)

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Q.9) Which one of the following statements is correct about Walking Leaves?

- a) These are small, flat, and overlapping leaves, often found on plants like cacti and succulents.
- b) These are also known as leaf-tailed geckos which have a striking leaf-like appearance and can even curl their tails to mimic a dead leaf's stem.
- c) These are long, thin, and pointed leaves, and they are typically adapted for plants in arid or cold environments.
- d) These are a family of insects that are renowned for their remarkable leaf-like appearance, which helps them camouflage in their natural habitat.

Answer: D

Explanation – Walking leaves are part of the phasmatodea order. They are also referred to as “phasmids” or “stick and leaf insects.” They are known for their unusual appearance as they look confusingly similar to parts of plants such as twigs, bark or in the case of leaf insects as leaves. They feed on plants and typically inhabit densely vegetated areas.

Source: [ForumIAS](#)

Q.10) With referenced to National Mission for Clean Ganga (NMCG) consider the following statements:

- 1. It was established under the Societies Registration Act,1860 as a registered society.
- 2. The NMCG is responsible for the implementation of the Namami Gange programme.

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. NMCG was established under the Societies Registration Act,1860 as a registered society. It is responsible for the implementation of the Namami Gange programme.

Source: [ForumIAS](#)

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PRELIMS

Q.1) Consider the following statements:

1. Personalized Adaptive Learning (PAL) systems can provide a perfect learning experience for every student.
2. DIKSHA Platform provides quality e-content for school education in States/UTs and QR coded Energized Textbooks for all grades.

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. PAL systems use technology to personalize learning based on individual needs through algorithms, but their accuracy may vary, and they can't consider all learning factors, like motivation, etc. Hence, any system can never be perfect for every student as every individual differ.

Statement 2 is correct. DIKSHA Platform provides quality e-content for school education in States/UTs and QR coded Energized Textbooks for all grades.

Source: [ForumIAS](#)

Q.2) With reference to the Aarogya Maitri Cube, consider the following statements:

1. It is the world's first disaster hospital that can be airlifted.
2. It has been developed indigenously under the Project BHISHM.
3. It is a mobile hospital that can provide comprehensive medical care to people in need.

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. Aarogya Maitri Cube is the world's first disaster hospital that can be airlifted. It has been developed indigenously under the Project BHISHM (Bharat Health Initiative for Sahyog Hita and Maitri). It has been developed as part of India's 'Aarogya Maitri' initiative to provide essential medical supplies to friendly countries.

Statement 3 is incorrect. The Aarogya Maitri Cube is not a mobile hospital. It is a container that contains a variety of medical supplies such as an operation theater, a mini-ICU, ventilators, blood test equipment, an X-ray machine, etc., but it does not have the capacity to provide comprehensive medical care.

Source: [ForumIAS](#)

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Q.3) With reference to “G20 THINQ” consider the following statements:

1. It is a national and international quiz competition that brings together youth from different regions and geographies, and enables them to build lasting friendships.
2. G20 THINQ will serve as a remarkable finale to India’s Presidency that witnessed many unique achievements of the G20 at the global level.

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. G20 THINQ is a national and international quiz competition that brings together youth from different regions and geographies, and enables them to build lasting friendships. It will serve as a remarkable finale to India’s Presidency that witnessed many unique achievements of the G20 at the global level.

Source: [ForumIAS](#)

Q.4) With reference to the Digital Public Infrastructure (DPI) consider the following statements:

1. India’s Digital public infrastructure (DPI) is known as India Stack.
2. India Stack is owned and operated by the Government of India.
3. Data Management constitutes one of the architectural layers incorporated within India Stack.

Which of the statements given above is/are correct?

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

Answer: D

Explanation –

Statements 1 and 3 are correct. India’s Digital public infrastructure (DPI) is known as India Stack. It is a set of open-source digital platforms and APIs that enable the delivery of government services to citizens and businesses. The overall architecture of India Stack has three key layers – identity, payments, and data management.

Statement 2 is incorrect. India Stack is not owned and operated by a single entity. Instead, it is a collaboration between the Government of India, private organizations, and individuals. The different components of India Stack are owned and operated by different organizations, depending on the specific platform or API.

Source: [ForumIAS](#)

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Q.5) With reference to Aditya-L1 Mission, consider the following statements:

Statement-I: The spacecraft will initially be placed around the Lagrange point 1 (L1) of the Sun-Earth system.

Statement-II: Four payloads on the Aditya-L1 spacecraft will observe the Sun from the (L1) Lagrange point.

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

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

Answer: D

Explanation –

Statement 1 is incorrect. The spacecraft will initially be placed in a Low Earth Orbit. The orbit will then be adjusted to become more elliptical. The spacecraft will be propelled towards the L1 point using onboard propulsion. It will then exit Earth's gravitational Sphere of Influence. After leaving Earth's SOI, the spacecraft will finally be injected into a large halo orbit around the Lagrange point (L1).

Statement 2 is correct. There is total seven payloads on the Aditya-L1 spacecraft. Out of which, four payloads directly view the Sun. The remaining three payloads carry out in-situ studies of particles and fields at the Lagrange point L1.

Source: [ForumIAS](#)

Q.6) Consider the following statements:

- Seaweed is a plant that grows in aquatic environments, primarily in marine or saltwater habitats.
- Seaweed helps to remove pollutants from the water.
- Multi-Purpose Seaweed Park is a place where seaweed farmers can learn about seaweed cultivation techniques, get access to quality seaweed seeds, and sell their seaweed products.

How many of the above statements are correct?

- Only one
- Only two
- All three
- None

Answer: B

Explanation –

Statement 1 is incorrect. Seaweed is a large group of marine algae, typically multicellular, that can be found in all oceans. It is not a plant.

Statements 2 and 3 are correct. Seaweed is an important part of the marine ecosystem. It provides food and shelter for many marine animals, and it also helps to remove pollutants from the water. Multi-Purpose Seaweed Park is a place where seaweed farmers can learn about seaweed cultivation techniques, get access to quality seaweed seeds, and sell their seaweed products.

Source: [ForumIAS](#)

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Q.7) With reference to the PM Gati Shakti National Master Plan (NMP) consider the following statements:

1. It aims to transform India's infrastructure landscape by providing a holistic and integrated approach to planning, development, and management of infrastructure projects.
2. Under PM Gati Shakti National Master Plan, the government plans to centralize infrastructure planning and decision-making.
3. It will create employment potential for a large number of individuals.

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. PM Gati Shakti National Master Plan aims to transform India's infrastructure landscape by providing a holistic and integrated approach to planning, development, and management of infrastructure projects. It will create employment potential for a large number of individuals.

Statement 2 is incorrect. Under the PM Gati Shakti National Master Plan, the government plans to decentralize infrastructure planning and decision-making by give more power to state governments and local authorities to plan and implement infrastructure projects.

Source: [ForumIAS](#)

Q.8) With reference to the Air Quality Life Index, consider the following statements:

1. It is a pollution index that quantifies the relationship between long-term exposure to particulate pollution and life expectancy.
2. It is released by the Energy Policy Institute at the University of Chicago (EPIC).

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. Air Quality Life Index is a pollution index that quantifies the relationship between long-term exposure to particulate pollution and life expectancy. It is released by the Energy Policy Institute at the University of Chicago (EPIC).

Source: [ForumIAS](#)

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

1. It is a traditional tiger dance performed in Kerala.
2. The dance is performed in a circle, with the dancers moving in a rhythmic fashion.
3. It is a dance performed during the Pongal festival.

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. Pulikkali is a traditional tiger dance performed in Kerala. The dance is performed in a circle, with the dancers moving in a rhythmic fashion.

Statement 3 is incorrect. Pulikkali is performed on the fourth day of Onam festival.

Source: [ForumIAS](#)

Q.10) Which one of the following statements is correct about Walking Leaves?

- a) These are small, flat, and overlapping leaves, often found on plants like cacti and succulents.
- b) These are also known as leaf-tailed geckos which have a striking leaf-like appearance and can even curl their tails to mimic a dead leaf's stem.
- c) These are long, thin, and pointed leaves, and they are typically adapted for plants in arid or cold environments.
- d) These are a family of insects that are renowned for their remarkable leaf-like appearance, which helps them camouflage in their natural habitat.

Answer: D

Explanation – Walking leaves are part of the phasmatodea order. They are also referred to as “phasmids” or “stick and leaf insects.” They are known for their unusual appearance as they look confusingly similar to parts of plants such as twigs, bark or in the case of leaf insects as leaves. They feed on plants and typically inhabit densely vegetated areas.

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PRELIMS

Q.1) With reference to WHO Traditional Medicine Global Summit, consider the following statements:

1. The first WHO Traditional Medicine Global Summit was held in Bali, Indonesia.
2. The summit aimed to unite traditional medicine practitioners, policymakers, academics, and others to share best practices, evidence, and innovation in how traditional medicine contributes to health and sustainable development.

Select the correct statements using the codes given below:

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

Answer: B

Explanation –

Statement 1 is incorrect. The first WHO Traditional Medicine Global Summit was held in Gandhinagar, Gujarat.

Statement 2 is correct. The summit aimed to unite traditional medicine practitioners, policymakers, academics, and others to share best practices, evidence, and innovation in how traditional medicine contributes to health and sustainable development.

Source: [ForumIAS](#)

Q.2) With reference to Pradhan Mantri Dakshata Aur Kushalata Sampanna Hitgrahi (PM-DAKSH) Yojana, consider the following statements:

1. Ministry of Social Justice & Empowerment (MoSJ&E) is the nodal ministry for implementing the scheme.
2. Scheduled Castes have specific income limit criteria that must be met to avail the benefits of the scheme.
3. The scheme aims to enhance competency level of the target groups to make them employable both in self-employment and wage-employment for their socio-economic 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: C

Explanation –

Statements 1 and 3 are correct. Ministry of Social Justice & Empowerment (MoSJ&E) is the nodal ministry for implementing the scheme. The scheme aims to enhance competency level of the target groups to make them employable both in self-employment and wage-employment for their socio-economic development.

Statement 2 is incorrect. There is no income limit for SCs, SafaiKaramcharis including waste picker and DNT.

Source: [ForumIAS](#)

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Q.3.) With reference to “Carrying Capacity” consider the following statements:

1. It refers to the maximum population size that an environment or ecosystem can sustainably support over a period without causing significant degradation or depletion of its resources.
2. When the number of individuals in a population exceeds the carrying capacity of the environment, the population will experience a growth.
3. The carrying capacity of an environment remains constant.

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. Carrying Capacity refers to the maximum population size that an environment or ecosystem can sustainably support over a period without causing significant degradation or depletion of its resources.

Statements 2 and 3 are incorrect. When the number of individuals in a population exceeds the carrying capacity of the environment, the population will experience a decline. The carrying capacity of an environment can change over time. For example, the carrying capacity of a forest for deer can decrease if the forest is logged or if the deer population grows too large.

Source: [ForumIAS](#)

Q.4) With reference to Flex-Fuel vehicles, consider the following statements:

1. It is an alternative fuel vehicle that has an internal combustion engine designed to run on more than one fuel.
2. The more ethanol a flexible-fuel vehicle uses, the better its fuel efficiency becomes.
3. The fuel system in an FFV is designed to handle the different properties of gasoline and ethanol blends.

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. Flex-Fuel vehicles is an alternative fuel vehicle that has an internal combustion engine designed to run on more than one fuel. The fuel system in an FFV is designed to handle the different properties of gasoline and ethanol blends.

Statement 2 is incorrect. Ethanol has a lower energy density than gasoline, so using more ethanol in a flexible-fuel vehicle will actually decrease its fuel efficiency. This is because the engine will need to work harder to burn the ethanol, which will use more fuel.

Source: [ForumIAS](#)

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Q.5) With reference to Education to Entrepreneurship Partnership, consider the following statements:

1. It is an alliance between educational institutions and business organizations to foster entrepreneurship among students.
2. It aims to bring digital skilling to the grassroots level.

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. Education to Entrepreneurship Partnership is an alliance between educational institutions and business organizations to foster entrepreneurship among students. It is a collaboration between the Ministry of Education, the Ministry of Skill Development & Entrepreneurship and Meta (formerly Facebook). It aims to bring digital skilling to the grassroots level.

Source: [ForumIAS](#)

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

1. It is a species of sparrow found only in Brazil.
2. They are categorized as Near Threatened in the IUCN Red List.

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. Kākāpō is a species of parrot found only in New Zealand. They are categorized as Critically Endangered in the IUCN Red List.

Source: [ForumIAS](#)

Q.7) With reference to the G20, consider the following statements:

1. Sherpa Track of G20 is the unofficial track of G20.
2. The Finance Track of G20 is headed by the finance ministers and central bank governors.

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. The G20 works in three major tracks — two of them are official and one is unofficial. The official tracks are the Finance Track and the Sherpa Track. The unofficial track includes engagement groups or civil society groups (like Women20, Youth20, etc.).

Statement 2 is correct. The Finance Track of G20 is headed by the finance ministers and central bank governors.

Source: [ForumIAS](#)

Q.8) Consider the following statements with reference to declarations adopted by BRICS:

1. The Johannesburg II Declaration restated BRICS' dedication to multilateralism and urged increased action on global issues like climate change, poverty, and inequality.
2. The Goa Declaration centered on the COVID-19 pandemic response, vaccine development, economic recovery, and strengthening BRICS collaboration.

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 Johannesburg II Declaration restated BRICS' dedication to multilateralism and urged increased action on global issues like climate change, poverty, and inequality.

Statement 2 is incorrect. The Goa Declaration focused on security cooperation, and called for the BRICS countries to work together to combat terrorism, cybercrime, and other threats to international security.

Source: [ForumIAS](#)

Q.9) Consider the following statements:

1. The launch vehicle used for Chandrayaan-3 was Launch Vehicle Mark-III (LVM-3).
2. The weight of the payload of Chandrayaan-3 was kept less than Chandrayaan-2.
3. Chandrayaan-3 has been successful in measuring the soil temperature of the moon.

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 launch vehicle used for Chandrayaan-3 was Launch Vehicle Mark-III (LVM-3). Chandrayaan-3 has measured the soil temperature of the moon. The temperature ranges from minus 10 degree celsius to around 70 degree-celsius.

Statement 2 is incorrect. The weight of the payload of Chandrayaan-3 has been kept more than Chandrayaan-2 with the Lander having most of the extra weight for successful landing.

Source: [ForumIAS](#)

10 PM Compilation for the Month of September 2023

Q.10) Which one of the following statements is correct about Walking Leaves ?

- a) These are small, flat, and overlapping leaves, often found on plants like cacti and succulents.
- b) These are also known as leaf-tailed geckos which have a striking leaf-like appearance and can even curl their tails to mimic a dead leaf's stem.
- c) These are long, thin, and pointed leaves, and they are typically adapted for plants in arid or cold environments.
- d) These are a family of insects that are renowned for their remarkable leaf-like appearance, which helps them camouflage in their natural habitat.

Answer: D

Explanation – Walking leaves are part of the phasmatodea order. They are also referred to as “phasmids” or “stick and leaf insects.” They are known for their unusual appearance as they look confusingly similar to parts of plants such as twigs, bark or in the case of leaf insects as leaves. They feed on plants and typically inhabit densely vegetated areas.

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

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PRELIMS

Q.1) With reference to the G20 Tourism and Sustainable Development Goal (SDG) Dashboard, consider the following statements:

1. It serves as a comprehensive online public platform, amalgamating the collective knowledge of the G20 Tourism Working Group.
2. The GOA Roadmap developed under the dashboard will ensure that tourism always remains sustainable and inclusive.
3. In 2022, the G20 welcomed 74% of international tourists and 73% of tourism exports worldwide.

Which of the statements given above is/are correct?

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

Answer: B

Explanation –

Statements 1 and 3 are correct. G20 Tourism and Sustainable Development Goal (SDG) Dashboard serves as a comprehensive online public platform, amalgamating the collective knowledge of the G20 Tourism Working Group. In 2022, the G20 welcomed 74% of international tourists and 73% of tourism exports worldwide.

Statement 2 is incorrect. The GOA Roadmap is a set of actions that the G20 can take to promote sustainable tourism. It does not guarantee that tourism will always be sustainable and inclusive. The roadmap is built around the five priority areas: 1. Green Tourism; 2. Digitalization; 3. Skills; 4. Tourism micro-, small and medium-sized enterprises (MSMEs) and 5. Destination Management.

Source: [ForumIAS](#)

Q.2) With reference to Invasive Alien species, consider the following statements:

1. Invasive alien species are plants, animals, pathogens and other organisms that are non-native to an ecosystem.
2. The water hyacinth is the world's most widespread invasive alien species on land.
3. Introducing invasive alien species can help restore balance to ecosystems by increasing biodiversity.

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. Invasive alien species are plants, animals, pathogens and other organisms that are non-native to an ecosystem. The water hyacinth is the world's most widespread invasive alien species on land.

Statement 3 is incorrect. Invasive alien species causes harm to the environment, economy, or human health.

Source: [ForumIAS](#)

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Q.3) Consider the following statements:

1. Pirola is a newly designated highly mutating Omicron variant of Covid-19 virus.
2. Viruses mutate through a process of genetic changes or alterations in their genetic material, which can be either DNA or RNA, depending on the type of virus.
3. Virus mutations can be prevented.
4. The more a virus spreads and replicates in a population, its chances of mutating increases.

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. Pirola is a newly designated highly mutating Omicron variant of Covid-19 virus. Viruses mutate through a process of genetic changes or alterations in their genetic material, which can be either DNA or RNA, depending on the type of virus. The more a virus spreads and replicates in a population, its chances of mutating increases.

Statement 3 is incorrect. Virus mutations cannot be prevented. However, some measures can help reduce the rate of mutation and mitigate its impact.

Source: [ForumIAS](#)

Q.4) Consider the following statements:

1. Interoperability is the technical compatibility that enables a payment system to be used in conjunction with other payment systems.
2. In QR codes, the black squares represent the background, while the white squares contain encoded information.
3. Interoperability of UPI with the digital rupee means all UPI QR codes are compatible with Central Bank Digital Currency (CBDC) apps.

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. Interoperability is the technical compatibility that enables a payment system to be used in conjunction with other payment systems. Interoperability of UPI with the digital rupee means all UPI QR codes are compatible with CBDC apps.

Statement 2 is incorrect. In QR codes, the black squares represent the encoded information, while the white squares make up the background.

Source: [ForumIAS](#)

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Q.5) With reference to polymers, consider the following statements:

1. Polymers are referred to as very large molecules having high molecular mass.
2. Polymers are found in both man-made and natural products.

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. Polymers are referred to as very large molecules having high molecular mass. It is composed of repeating structural units called monomers. Polymers are found in both man-made and natural products.

Source: [ForumIAS](#)

Q.6) With reference to the recent expansion of the BRICS, consider the following statements:

1. With the proposed expansion, BRICS will represent 80% of the world's population.
2. With the expansion, BRICS will surpass the GDP share of the G-7 in PPP terms.

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. With the proposed expansion, BRICS will represent 46% of the world's population

Statement 2 is correct. With the expansion, BRICS share of global GDP will rise from 31.5% in PPP terms to 37%. It is surpassing the GDP share of the G-7, which stands at 30.7%.

Source: [ForumIAS](#)

Q.7) Consider the following statements with reference to the controversy over India and Bharat:

1. The name "Bharat" has its roots in the Vedic period, and is mentioned in the Rigveda.
2. The name "Bharat" was used by the Maurya Empire.
3. Hiuen Tsang had referred to the country as Bharat.
4. Marco Polo was the first Greek to use the word "India".

How many of the above statements are correct?

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

Answer: C

Explanation -

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Statement 1,2 and 3 are correct. The name "Bharat" has its roots in the Vedic period, and is mentioned in the Rigveda, one of the oldest scriptures of Hinduism. The Rigveda refers to the land of Bharatvarsha, which is believed to be the ancient name of India. The name "Bharat" was used by the Maurya Empire, Gupta Empire. Hiuen Tsang had also referred to the country as Bharat.

Statement 4 is incorrect. Megasthenes was the first Greek to use the word India as Indica.

Source: [ForumIAS](#)

Q.8) Consider the following statements:

1. Digital carbon footprint is an aggregate of the emissions created by the lifecycle of a device or software, including its creation, usage, and maintenance.
2. Green computing is primarily focused on increasing energy consumption and promoting the use of non-renewable energy sources in IT operations.

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. Digital carbon footprint is an aggregate of the emissions created by the lifecycle of a device or software, including its creation, usage, and maintenance.

Statement 2 is incorrect. Green computing, also called sustainable or eco-friendly computing, aims to design, use, and dispose of IT resources in an environmentally responsible, energy-efficient way to reduce environmental impact and energy usage while promoting renewable energy sources.

Source: [ORF](#)

Q.9) With reference to Recorded Forest Area (RFA) consider the following statements:

1. RFA refers to lands that are recorded as forests, regardless of their official classification or ownership.
2. Over half of the Northeast region is categorized as RFA.
3. RFAs only include notified forests.

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. RFA refers to lands that are recorded as forests, regardless of their official classification or ownership. Over half of the Northeast region is categorized as RFA.

Statement 3 is incorrect. RFAs include notified forests and unclassified forests.

Source: [ForumIAS](#)

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PRELIMS

Q.1) Consider the following statements:

1. Battery energy storage systems (BESS) are devices that enable energy from renewables, like solar and wind, to be stored and then released when the power is needed most.
2. Viability Gap Funding (VGF) is a mechanism used to support infrastructure projects that are both economically and financially feasible.
3. VGF is a guaranteed source of funding.

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: A

Explanation –

Statement 1 is correct. BESS are devices that enable energy from renewables, like solar and wind, to be stored and then released when the power is needed most.

Statements 2 and **3** are incorrect. VGF is a financial tool used by the government or public authorities to promote and support infrastructure projects that are economically viable but not financially feasible due to high initial costs or low revenue expectations. VGF is not a guaranteed source of funding for infrastructure projects. Instead, it is a mechanism through which the government provide financial support to bridge the gap between the expected revenue of a project and its actual cost.

Source: [ForumIAS](#)

Q.2) With reference to “Recycling on Wheels Smart ER” Project, consider the following statements:

1. It is an innovative recycling solution that brings plastic recycling facilities directly to communities, promoting environmental sustainability and waste reduction at the grassroots level.
2. The Recycling on Wheels Smart ER Project has been launched by the Government of India in collaboration with the World Bank.

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 Recycling on Wheels Smart ER (Recycling on Wheels-Smart Extended Reach) Project aims to improve the efficiency of e-waste management in India by deploying a fleet of mobile e-waste collection vehicles. The project has been launched by Eco Recycling Limited.

Source: [ForumIAS](#)

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Q.3) With reference to the ASEAN-India summit, consider the following statements:

1. The primary objective of the summit is to enhance cooperation and strengthen relations between ASEAN and India in various fields, including politics, economics, security, culture, and people-to-people ties.
2. The first ASEAN-India summit was held in Singapore.
3. The recent ASEAN-India summit included discussions about reducing reliance on the US dollar.

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. The primary objective of the summit is to enhance cooperation and strengthen relations between ASEAN and India in various fields, including politics, economics, security, culture, and people-to-people ties.

Statements 2 and 3 are incorrect. The ASEAN-India summit was started in 2002 in Cambodia. In the recent meeting, the Prime Minister of India presented a 12-point proposal for strengthening India – ASEAN cooperation covering connectivity, digital transformation, trade and economic engagement, addressing contemporary challenges, people-to-people contacts and deepening strategic engagement. De-dollarization was not part of the proposal.

Source: [ForumIAS](#)

Q.4) With reference to the East Asia Summit (EAS) consider the following statements:

1. It is the only leader-led forum at which all key Indo-Pacific partners meet to discuss political, security and economic challenges facing the region and has an important role to play in advancing closer regional cooperation.
2. It consists of 10 ASEAN member states and 10 observer countries.
3. China is one of the members of the Summit.

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. East Asia Summit is the only leader-led forum at which all key Indo-Pacific partners meet to discuss political, security and economic challenges facing the region and has an important role to play in advancing closer regional cooperation. China is one of the members of the Summit.

Statement 2 is incorrect. The East Asia Summit (EAS) consists of 18 member states, which include the 10 ASEAN member states plus eight other countries.

Source: [ForumIAS](#)

10 PM Compilation for the Month of September 2023

Q.5) With reference to One Sun, One World, One Grid (OSOWOG) Initiative, consider the following statements:

1. It aims to harness wind energy from around the world and create a single, interconnected wind power grid.
2. In the first phase of the initiative, the Indian grid would be connected to the grids of Middle East, South Asia and South-East Asia to develop a common grid.

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. OSOWOG Initiative is an initiative proposed by the Indian government with the vision of creating a global interconnected power grid based on solar energy. The primary objective of this initiative is to harness solar energy resources from various parts of the world and distribute it efficiently to meet global energy needs.

Statement 2 is correct. In the first phase of the initiative, the Indian grid would be connected to the grids of Middle East, South Asia and South-East Asia to develop a common grid.

Source: [ForumIAS](#)

Q.6) Consider the following statements with reference to Malaviya Mission:

1. It is a government initiative aimed at promoting education and skill development in rural communities, particularly focusing on empowering women and marginalized populations through access to quality education and vocational training.
2. The capacity building under the Mission will be mapped to the credit framework to ensure career progression pathways for educators.

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. Malaviya Mission aims to provide tailored training programmes for teachers and to improve the capacity building of faculty members in higher educational institutions.

Statement 2 is correct. The capacity building under the Mission will be mapped to the credit framework to ensure career progression pathways for educators.

Source: [ForumIAS](#)

10 PM Compilation for the Month of September 2023

Q.7) Consider the following statements:

1. DemClinic research facility is dedicated to advancing the field of dermatology and finding innovative solutions for skin-related health conditions.
2. Dementia is a term used to describe a range of cognitive impairments and symptoms that affect memory, thinking, communication, and the ability to perform everyday activities.
3. The Ring Colour Movement is a symbol of awareness and support for people affected by dementia.

Which of the statements given above is/are correct?

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

Answer: B

Explanation-

Statement 1 and 3 are incorrect. DemClinic will be the first national comprehensive expert-led cognitive assessment platform for the elderly. The initiative is aimed at supporting families and persons with dementia through post-diagnostic care and support. The Blue Button Movement is a symbol of awareness and support for people affected by dementia.

Statements 2 is correct. Dementia is a broad term used to describe a range of cognitive impairments and symptoms that affect memory, thinking, communication, and the ability to perform everyday activities.

Source: [ForumIAS](#)

Q.8) Consider the following statements:

1. Ecocide refers to the extensive and severe damage, destruction, or loss of ecosystems, often as a result of human activities.
2. Ecocide threatens all human populations who are dependent on natural resources for maintaining ecosystems and ensuring their ability to support future generations.
3. The Rome Statute only recognizes the crime of ecocide in wartime.

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. Ecocide refers to the extensive and severe damage, destruction, or loss of ecosystems, often as a result of human activities. It threatens all human populations who are dependent on natural resources for maintaining ecosystems and ensuring their ability to support future generations. The Rome Statute only recognizes the crime of ecocide in wartime, but there is currently no international law that prohibits ecocide in peacetime.

Source: [ForumIAS](#)

10 PM Compilation for the Month of September 2023

Q.9) Which of the following is considered as Global Commons?

1. Atmosphere
2. Exclusive Economic Zones (EEZs)
3. Outer Space

Select the correct codes given below:

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

Answer: C

Explanation – The term "global commons" refers to resources that are shared by all of humanity and that are not subject to the exclusive control of any one country. The United Nations recognizes four "global commons," including the high seas, the atmosphere, Antarctica, and outer space.

Source: [ForumIAS](#)

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

1. Unemployment refers to when someone is out of a job, is ready to work, and is actively seeking employment.
2. The unemployment rate is calculated by multiplying the number of unemployed people with the total labor force.
3. Unemployment rates are often lower in rural areas due to the nature of agrarian work, even if joblessness exists.

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. Unemployment refers to when someone is out of a job, is ready to work, and is actively seeking employment. Unemployment rates are often lower in rural areas due to the nature of agrarian work, even if joblessness exists.

Statement 2 is incorrect. Unemployment is often measured using the unemployment rate, which is calculated as the number of unemployed individuals divided by the labor force, expressed as a percentage.

Source: [ForumIAS](#)

PRELIMS

Q.1) Consider the following statements:

1. The European Union (EU) has 24 official languages, whereas India recognizes 22 languages in its Eighth Schedule.
2. India's population is lesser than the EU's.
3. EU member nations hold separate national elections from European Parliament (EP) elections.

Which of the statements given above is/are correct?

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

Answer: D

Explanation –

Statements 1 and 3 are correct. EU has 24 official languages, whereas India recognizes 22 languages in its Eighth Schedule. EU member nations hold separate national elections from European Parliament (EP) elections, allowing them to prioritize local issues over pan-national matters.

Statement 2 is incorrect. India's population is about 3.5 times larger than the EU's, with around 450 million people.

Source: [ForumIAS](#)

Q.2) With reference to the Digital Public Infrastructure (DPI) consider the following statements:

1. The goal of DPI is to provide the essential digital infrastructure required for a digitally inclusive society and to support the efficient delivery of public services while ensuring data security, privacy, and accessibility.
2. It is a term exclusively associated with privately-owned digital assets and services that cater only to specific interest groups.

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 goal of DPI is to provide the essential digital infrastructure required for a digitally inclusive society and to support the efficient delivery of public services while ensuring data security, privacy, and accessibility.

Statement 2 is incorrect. Digital Public Infrastructure (DPI) refers to a foundational set of digital technologies and platforms that are usually publicly owned, operated, and maintained, and are made available to citizens, businesses, and government agencies to facilitate various digital services and interactions.

Source: [ForumIAS](#)

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Q.3) With reference to the Incremental cash reserve ratio (I-CRR) consider the following statements:

1. I-CRR is an additional cash balance which the RBI can ask banks to maintain over and above the Cash Reserve Ratio (CRR).
2. I-CRR was announced as a measure to maintain excess liquidity in the banking system.

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. I-CRR is an additional cash balance which the RBI can ask banks to maintain over and above the Cash Reserve Ratio (CRR).

Statement 2 is incorrect. I-CRR was announced as a temporary measure to absorb excess liquidity from the banking system.

Source: [ForumIAS](#)

Q.4) Consider the following statements:

1. Pithora Art is a minimalist form of painting characterized by static figures and a limited use of color.
2. Saura painting is done by artisans from Odisha.

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. Pithora Art is a ritualistic painting characterized by animated figures and lavish use of color. These paintings are done by the Rathwa, Bhilala, Naik and Bhil tribes of Gujarat and Madhya Pradesh.

Statement 2 is correct. Saura painting is done by artisans from Odisha.

Source: [ForumIAS](#)

Q.5) Consider the following statements:

1. Thali is an Indian-style meal made up of only vegetarian dishes.
2. Thalis are designed to offer a balanced meal with all essential nutrients.
3. Thalis hold cultural and social significance.

How many of the above statement are correct?

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

Answer: B

Explanation –

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Statement 1 is incorrect. Thali is an Indian-style meal made up of a selection of various dishes – vegetarian and non-vegetarian – which are served on a platter.

Statement 2 and 3 are correct. Thalies are designed to offer a balanced meal with all essential nutrients. They often include a combination of carbohydrates, proteins, vitamins, and minerals. Thalies are not just about food; they hold cultural and social significance. They are often served on festive occasions, celebrations, and special events.

Source: [ForumIAS](#)

Q.6) With reference to India-U.S. Defense Acceleration Ecosystem (INDUS-X) consider the following statements:

1. INDUS-X is a military alliance between India and the United States.
2. INDUS-X will support the development of new technologies and solutions for the defense sector of both the countries.

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. INDUS-X is a joint initiative between the governments of India and the United States to facilitate collaboration between the two countries' defense industries. It is not a formal military alliance, and it does not commit the two countries to defend each other in the event of an attack.

Statement 2 is correct. INDUS-X will support the development of new technologies and solutions for the defense sector of both the countries.

Source: [ForumIAS](#)

Q.7) Exercise Varuna is a bilateral Naval Exercise between –

- a) India and Germany
- b) India and Russia
- c) India and Singapore
- d) India and France

Answer: D

Explanation – Exercise Varuna is a bilateral Naval Exercise between India and France. It aims to provide an opportunity to learn from each other's best practices and procedures and to facilitate operational level interaction between the two Navies.

Source: [ForumIAS](#)

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Q.8) Consider the following statements:

1. Hallmarking is the accurate determination and official recording of the proportionate content of precious metal in precious metal articles.
2. Under the Hallmarking scheme of Bureau of Indian Standards (BIS), jewellers are registered for selling hallmarked jewellery and recognised testing and hallmarking centers.

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. Hallmarking is the accurate determination and official recording of the proportionate content of precious metal in precious metal articles. Under the Hallmarking scheme of Bureau of Indian Standards (BIS), jewellers are registered for selling hallmarked jewellery and recognised testing and hallmarking centers.

Source: [ForumIAS](#)

Q.9) With reference to Self-Regulatory Organizations (SROs) consider the following statements:

1. SRO is a non-governmental organization that is given a degree of regulatory authority over an industry or profession.
2. SROs are typically established by the industry or profession itself, and they are responsible for setting and enforcing rules and standards for their members.
3. SROs are always more efficient and cost-effective than government regulators.

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. SRO is a non-governmental organization that is given a degree of regulatory authority over an industry or profession. SROs are typically established by the industry or profession itself, and they are responsible for setting and enforcing rules and standards for their members.

Statement 3 is incorrect. SROs can also be expensive to operate because they also need to be staffed by qualified professionals, which can add to their costs. Further, any organization cannot be always efficient.

Source: [ForumIAS](#)

PRELIMS

Q.1. With reference to Partnership for Global Infrastructure Investment (PGII) consider the following statements:

1. Partnership for Global Infrastructure Investment (PGII) is a collaborative effort by G20 nations to fund infrastructure projects in developing nations.
2. The proposed India Middle East Europe Corridor (IMEC) is part of Partnership for Global Infrastructure Investment (PGII). Partnership for Global Infrastructure Investment (PGII) aims to create infrastructure for both developed and developing economies.

How many of the above statement are correct?

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

Answer: A

Explanation-

Statement 1 and 3 are incorrect- Partnership for Global Infrastructure Investment (PGII) which is a collaborative effort by **G7 nations** to fund infrastructure projects in **developing nations**.

Statement 2 is correct-IMEC corridor is part of the Partnership for Global Infrastructure Investment (PGII).

Source-[Forum IAS](#)

Q.2) With reference to India-Saudi Arabia Strategic Partnership Council (SPC) consider the following statements:

1. It was formed in the year 2018 and India is the third country to have formed this partnership after UK and France.
2. SPC has two main pillars- Committee on Political, Security, Social and Cultural Cooperation and Committee on Economy and Investments.

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-Saudi Arabia Strategic Partnership Council (SPC) was setup in the year 2019 and India is the fourth country with which Saudi Arabia formed such a partnership after the UK, France, and China.

Statement 2 is Correct- SPC has two main pillars: 1) Committee on Political, Security, Social and Cultural Cooperation and 2) Committee on Economy and Investments. Both committees have four functional levels of engagements: Summit level (Prime Minister & Crown Prince); Ministerial level; Senior Officials Meetings and Joint Working Groups (JWGs).

Source- [Forum IAS](#)

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Q.3) With reference to Kharif Crop Cultivation in India consider the following statements:

1. Kharif food crops constitute nearly 75% of the country's original food supply.
2. Area sown under Kharif crop cultivation has substantially decreased in 2023 as compared to 2022 on account of low rainfall in the country.
3. Area sown for rice cultivation for 2023 has also seen reduction when compared to last Year.

How many of the above statement are correct?

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

Answer: D

Statement 1,2 and 3 are incorrect- The area under kharif or summer-sown crops which account for half of the country's annual food supply stands at 108.8 million hectares, nearly the same as 2022.

Rice dominates among the kharif crops with an area sown of 403.41 lakh hectares, surpassing last year's 392.81 lakh hectares. This indicates the significance of rice cultivation in India's agricultural landscape.

Source-[Forum IAS](#)

Q.4) Consider the following statements about Global Symposium on Farmers' Rights:

1. It is organized by the Secretariat of the International Treaty on Plant Genetic Resources for Food and Agriculture (International Treaty) of the Food and Agriculture Organization (FAO), Rome.
2. It aims to contribute to the understanding of the challenges and opportunities of implementing farmers' rights by the signatory countries and other stakeholders.
3. India has been the first country in the world to include Farmers' Rights in the context of Plant Variety Registration through its Protection of Plant Varieties and Farmers' Rights (PPVFR) Act, 2001.

How many of the above statement are correct?

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

Answer: C

Explanation-

All the statements are correct-

It is Organized by-Secretariat of the International Treaty on Plant Genetic Resources for Food and Agriculture (International Treaty) of the Food and Agriculture Organization (FAO), Rome.

Significance: India is hosting its first 'Global Symposium on Farmers' Rights'.

Hosted by: Ministry of Agriculture and Farmers Welfare in collaboration with Protection of Plant Varieties and Farmers' Rights (PPVFR) Authority, Indian Council of Agricultural Research (ICAR) among others.

Aim: To contribute to the understanding of the challenges and opportunities of implementing farmers' rights by the signatory countries and other stakeholders.

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India has been the first country in the world to include Farmers' Rights in the context of Plant Variety Registration through its Protection of Plant Varieties and Farmers' Rights (PPVFR) Act, 2001.

Source-[Forum IAS](#)

Q.5) Consider the following statements about African Union (AU):

1. It is an intergovernmental organization of the 55 member states located on the continent of Africa and it was launched in the year 2002.
2. AU grouping is the successor of the Organisation of African Unity (OAU) which was formed in 1963.
3. Establishment of the African Continental Free Trade Area (AfCFTA) is one of the notable achievements of AU.
4. AfCFTA is the world's largest new free trade area since the establishment of the World Trade Organization (WTO) in 1994 and it comprises of 54 countries.

How many of the above statements are correct-

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

Answer: D

Explanation-

All the statements are correct- AU was Launched in: 2002 (The grouping is the successor of the Organisation of African Unity (OAU), which was formed in 1963)

It is an intergovernmental organization of the 55 member states located on the continent of Africa.

The establishment of the African Continental Free Trade Area (AfCFTA), which came into force in 2021, is achievement of the organization. With 54 member countries as signatories, AfCFTA is the world's largest new free trade area since the establishment of the World Trade Organization (WTO) in 1994.

Source-[Forum IAS](#)

Q.6) Consider the following statements:

1. Shallow earthquakes carry a much higher amount of energy when they hit the surface.
2. Earthquakes, due to shallow epicenters spread to wider region, compared to earthquakes due to deep epicenters.

Which of the above statements is/are correct?

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

Answer: A

Statement 1 is correct and **statement 2** is incorrect. **Shallow earthquakes carry a much higher amount of energy** when they hit the surface. Whereas earthquakes with deep epicenters lose energy when they hit the surface. Although, deep epicenter earthquakes spread farther to great distances.

Source: [Indian Express](#)

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Q.7) With reference to renewable energy in India, which of the following statements is/are correct?

1. Nuclear energy accounts for about 5% of India's total installed generation capacity.
2. Heavy nuclear waste can be disposed of deep in the ground or under the seabed, without any protective shield.
3. Small modular reactors (SMRs) can be built in one location, then shipped, commissioned, and operated at a separate site.

How many of the statements given above are correct?

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

Answer: A

Statement 1 is incorrect. Nuclear energy accounts for only 1.6% of India's total installed generation capacity, as listed by the ministry of power.

Statement 2 is incorrect. Small quantities of spent fuel are stored in cooling ponds. Heavy nuclear waste needs to be sealed off in vaults deep in the ground (or under a seabed), so that no radiation can escape.

Statement 3 is correct. Small modular reactors (SMRs) are a proposed class of nuclear fission reactors, smaller than conventional nuclear reactors, which can be built in one location (such as a factory), then shipped, commissioned, and operated at a separate site.

Source: [Live mint](#)

Q.8) Recently, IISc scientists have created hybrid nanoparticles made of gold and copper sulphide, to treat a disease, with the use of heat and soundwaves. Which of the following is the disease?

- a) Tuberculosis
- b) Cancer
- c) dementia
- d) sclerosis

Answer: B

Indian Institute of Science (IISc) scientists have developed a new approach to potentially detect and kill cancer cells, especially those which form a solid tumour mass.

The scientists have created hybrid nanoparticles made of gold and copper sulphide, which can kill cancer cells using heat, and enable their detection using sound waves.

[The Hindu](#)

Q.9) Which one of the following does not touch the boundary of Morocco?

- a) Atlantic Ocean
- b) Mediterranean Sea
- c) Western Sahara
- d) Mali

Answer: D

Morocco is located in the northwest corner of Africa and is bordered by the North Atlantic Ocean and the Mediterranean Sea. Algeria and Western Sahara are the land borders to the south and east. Morocco is about the same size as California.

Mali does not touch the boundary of Morocco.

The high Atlas Mountains separate the mild coastline from the harsh Sahara. Rainfall is unpredictable and is not enough to supply all the water needed for the people.

10 PM Compilation for the Month of September 2023

PRELIMS

Q.1. With reference to Ayushman Bhav Campaign consider the following statements:

1. The nodal ministry for this scheme is Ministry of Women and Child Development
2. It is aimed at extending health coverage to only Women and Children across 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: D

Explanation-

Statement 1 is Incorrect- The Nodal Ministry for this scheme is Ministry of Health and Family Welfare.

Statement 2 is Incorrect- It is a comprehensive nationwide healthcare initiative that aims to extend healthcare coverage to every village and town transcending geographical barriers and ensuring that no one is left behind.

Source- [Forum IAS](#)

Q.2) With reference to Eastern Maritime Corridor consider the following statements:

1. The Eastern Maritime Corridor is a proposed sea route between the Indian port city of Vishakhapatnam and the key Russian port Vladivostok.
2. The route passes through the Sea of Japan, the South China Sea and the Sumatra strait.
3. This sea route is estimated to reduce the time required to transport cargo between Indian and Russian Ports of Far-East Region.

How many of the above statements are correct?

- a) a. Only One
- b) b. Only two
- c) c. All three
- d) d. None

Answer: A

Explanation-

Statement 1 is Incorrect- The Eastern Maritime Corridor is a proposed sea route between the Indian port city of Chennai and the key Russian port Vladivostok.

Statement 2 is Incorrect- The route passes through the Sea of Japan, the South China Sea and Malacca Strait.

Statement 3 is Correct- This sea route is estimated to reduce the time required to transport cargo between Indian and Russian Ports of Far-East Region by up to 16 days, i.e., 24 days in comparison to over 40 days currently taken to transport goods from India to Far East Russia via Europe.

Source- [Forum IAS](#)

10 PM Compilation for the Month of September 2023

Q.3) With reference to Business Responsibility and Sustainability Reporting (BRSR) framework in India consider the following statements:

1. The Business Responsibility and Sustainability Reporting (BRSR) framework was introduced by RBI in 2021.
2. The framework is a mandatory disclosure mechanism for top 500 listed companies or businesses to report their performance on environmental, social and governance (ESG) aspects and demonstrate their commitment to responsible business practices.
3. This framework enables Indian companies to report on sustainability in a holistic manner.

How many of the above statement are correct?

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

Answer: A

Statement 1 is Incorrect- The Business Responsibility and Sustainability Reporting (BRSR) framework was introduced by SEBI in 2021.

Statement 2 is Incorrect- The framework is a mandatory disclosure mechanism for top 1000 listed companies or businesses to report their performance on environmental, social and governance (ESG) aspects and demonstrate their commitment to responsible business practices.

Statement 3 is Correct- It provides a comprehensive framework covering a wide range of sustainability topics, including governance, ethics, social responsibility, environmental performance, and economic performance. This enables Indian companies to report on sustainability in a holistic manner.

Source-[Forum IAS](#)

Q.4) Consider the following statements about Djibouti Code of Conduct-

1. It is a grouping on maritime matters aimed at repression of piracy and armed robbery against ships in the Western Indian Ocean Region, the Gulf of Aden and the Red Sea.
2. India has joined the Djibouti Code of Conduct as Observer in 2020.
3. Djibouti Code of Conduct(DCOC) was established in 2009.

How many of the above statement are correct?

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

Answer: C

Explanation-

All the statements are correct-

Djibouti Code of Conduct(DCOC) was established in 2009.

It is a grouping on maritime matters aimed at repression of piracy and armed robbery against ships in the Western Indian Ocean Region, the Gulf of Aden and the Red Sea.

India has joined the Djibouti Code of Conduct as Observer in 2020.

Source-[Forum IAS](#)

10 PM Compilation for the Month of September 2023

Q.5) Consider the following statements about Nipah Virus:

1. Nipah Virus is a zoonotic disease which can also be transmitted directly from person to person through close contact with an infected person.
2. The first outbreaks of the Nipah virus among humans was reported from Africa.
3. According to the World Health Organization (WHO), the overall global case fatality rate of Nipah is estimated at 40% to 75%

How many of the above statements are correct-

- a) a.Only One
- b) b.Only two
- c) c.All three
- d) d.None

Answer: B

Explanation-

Statement 1 is Correct- Nipah is a zoonotic disease, which means it is transmitted to humans through infected animals or contaminated food. It can also be transmitted directly from person to person through close contact with an infected person.

Statement 2 is Incorrect- The first outbreaks of the Nipah virus among humans was reported from Malaysia (1998) and Singapore (1999).

Statement 3 is Correct- According to the World Health Organization (WHO), the overall global case fatality rate of Nipah is estimated at 40% to 75% .

Source-[Forum IAS](#)

10 PM Compilation for the Month of September 2023

PRELIMS

Q.1) Consider the following statements

1. Since 2008-09, the share of direct taxes in total gross tax collections by the Centre has always stayed higher than that of indirect taxes.
2. Tax systems with a high component of indirect taxes are considered regressive.

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

- a) 1 only
- b) 2 only
- c) Both
- d) None

Answer: B

Since 2008-09, the share of direct taxes in total gross tax collections by the Centre has always stayed higher than that of indirect taxes, barring two years — in 2016-17 (the year of demonetisation) and 2020-21 (the year that bore the full impact of Covid).

The finance ministry's analysis for the effective tax rate for companies shows that from about 24.67 per cent in 2014-15, it had already come down to 22 per cent in 2020-21. The effective tax rate is likely to have become lower in 2021-22 and 2022-23.

Tax systems with a high component of indirect taxes are considered regressive since the burden of such taxes falls on everyone irrespective of their capacity to pay unlike direct taxes such as taxes on income or on profits of companies, which only apply to those with incomes above a threshold level or to firms that are profitable.

Q.2) Harami Nala region recently seen in news, it is located in which of the following state?

- a) Rajasthan
- b) Gujarat
- c) Punjab
- d) J&K

Answer: B

Harami Nala is a natural water body, approximately 25 kilometres long that flows west to east from Pakistan into Kutch just south of the Vighakot sector, flanked by vast marshy mud flats that are affected by low and high tides. About 22 odd kilometres of the channel lie on the Indian side of the "vertical line" of the IB between India and Pakistan which itself is not contested.

[Link](#)

10 PM Compilation for the Month of September 2023

Q.8) Consider the following statements:

Statement-I:

Green water is rain-fed soil moisture tapped by food and cash crops, eventually transpiring into the atmosphere.

Statement-II:

Green water is the basis for irrigation in agriculture, apart from drinking and industry use supply, and maintains ecological flows in rivers.

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 Statement-II is incorrect
- d) Statement-I is incorrect Statement-II is correct

Answer: C

Statement 1 is correct and 2 is incorrect. Agriculture depends on two types of water — green water which is rain-fed soil moisture tapped by food and cash crops, eventually transpiring into the atmosphere and blue water which is the water in rivers, lakes, reservoirs, and groundwater. The latter is the basis for irrigation in agriculture, apart from drinking and industry use supply, and maintains ecological flows in rivers.

[Link](#)

10 PM Compilation for the Month of September 2023

PRELIMS

Q.1) Consider the following statements:

1. Industrial Policy Resolution 1948 introduced state control over Indian industrial sector.
2. India, in recent years, has increased average tariffs on imported products.
3. The production linked incentive (PLI) scheme is primarily designed to encourage companies to manufacture products outside India.

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. Industrial Policy Resolution 1948 introduced state control over Indian industrial sector. These state control over the industrial sector was further strengthened by Industrial Policies in 1956, 1977 and 1980. India has increased average tariffs on imported products. WTO in its review of India's trade policy for 2021 pointed out that the country's simple average tariff rate had increased from 13% to 15.4% since 2015.

Statement 3 is incorrect. The production linked incentive (PLI) scheme is focused on incentivizing companies to increase domestic production across 14 sectors rather than manufacture products outside India.

Source: [ForumIAS](#)

Q.2) Which of the following challenges are still faced by ISRO despite the success of Chandrayaan-3 Mission?

1. Manpower challenges
2. Budgetary challenges
3. Technical Challenges

Select the correct code given below:

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

Answer: D

Explanation – ISRO still faces multiple challenges such as manpower challenges due to the problem of Brain Drain and fewer students pursuing advanced space studies, budgetary challenges as there has been an 8% decline in budget allocations to ISRO in 2023-2024 with respect to 2022-2023 and technical challenges as the Mission took nearly six weeks to get to the Moon, compared to the failed Russian mission Luna-25 which took just one week to touch down.

Source: [ForumIAS](#)

10 PM Compilation for the Month of September 2023

Q.3) With reference to the Lagrange Point, consider the following statements:

1. Lagrange Points are areas in space where gravitational forces are so strong that they prevent any object from remaining stationary.
2. Aditya L-1 spacecraft shall be placed in a halo orbit around the Lagrange point 1 (L1) of the Sun-Earth system.
3. The James Webb Space Telescope is currently in orbit around L1.

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. A Lagrange point (L point) is a point in space where the gravitational forces of two large bodies, such as the Sun and Earth, balance each other out. This allows a third body, such as a spacecraft, to orbit the two bodies without being pulled in by either one. The James Webb Space Telescope is currently in orbit around L2.

Statement 2 is correct. Aditya L-1 spacecraft shall be placed in a halo orbit around the Lagrange point 1 (L1) of the Sun-Earth system.

Source: [ForumIAS](#)

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

1. Money laundering increases the tax funds available for collection in the economy and boosts government revenues.
2. Integration is the final stage in money laundering, where the money is brought back into the economy and used.
3. Smurfing is a money laundering method where large sums of money are split into smaller, less conspicuous amounts and deposited into multiple bank accounts by either multiple individuals or a single person over time.

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. Money laundering decreases the tax funds available for collection in the economy and decreases government's revenues.

Statements 2 and 3 are correct. Integration is the final stage in money laundering, where the money is brought back into the economy and used. Smurfing is a money laundering method where large sums of money are split into smaller, less conspicuous amounts and deposited into multiple bank accounts by either multiple individuals or a single person over time.

Source: [ForumIAS](#)

10 PM Compilation for the Month of September 2023

Q.5) With reference to “One Nation, One Election” consider the following statements:

1. It refers to the idea of holding simultaneous polls for State Assemblies and the Lok Sabha instead of separate and continuous elections.
2. It will help in increasing accountability of the government.
3. Simultaneous elections would require amending Article 83 of the Indian Constitution.

Which of the statements given above is/are correct?

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

Answer: B

Explanation –

Statements 1 and 3 are correct. One Nation, One Election refers to the idea of holding simultaneous polls for State Assemblies and the Lok Sabha instead of separate and continuous elections. Simultaneous elections would require amending Article 83 (relating to the duration of Houses of Parliament) of the Indian Constitution.

Statement 2 is incorrect. Holding simultaneous elections would reduce accountability of the government. Regular state elections serve as feedback mechanism for the political parties.

Source: [ForumIAS](#)

Q.6) With reference to the Group of Twenty (G20) consider the following statements:

1. The G20 was founded in response to the global financial crisis of 2008.
2. While the share of G7 countries in the global economy has been falling, G20's share has been largely consistent.
3. G-20 has no permanent secretariat.

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 G20 was founded in response to the Asian financial crisis of 1997-1998, which had a significant impact on the global economy.

Statements 2 and 3 are incorrect. While the share of G7 countries in the global economy has been falling, G20's share has been largely consistent. G-20 has no permanent secretariat. The G-20 presidency is supported by the Troika, which includes the previous, current, and incoming presidencies.

Source: [ForumIAS](#)

10 PM Compilation for the Month of September 2023

Q.7.) Consider the following statements:

1. Academic stress is one of the reasons behind suicides in India.
2. Suicide is a criminal offence under the Indian Penal Code.

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. Academic stress is one of the reasons behind suicides in India. According to Section 309 of IPC suicide is a criminal offence punishable with simple imprisonment for a term which may extend to one year.

Source: [ForumIAS](#)

Q.8) Consider the following statements:

1. e-rupee, known as the "Digital Rupee," is digital legal tender issued by the Reserve Bank of India.
2. e-rupee can only be transferred to another e-rupee wallet.
3. e-rupee is designed to replace cash and cards.

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. e-rupee, known as the "Digital Rupee," is digital legal tender issued by the Reserve Bank of India. e-rupee can only be transferred to another e-rupee wallet, meaning it cannot be transferred into another bank's accounts or UPI VPAs.

Statement 3 is incorrect. e-rupee is designed to complement physical currency and existing payment methods, not replace them. It offers an additional means of handling money.

Source: [DNA](#)

Q.9) With reference to the Global South, consider the following statements:

1. It refers to low-income countries or countries with relatively less socio-economic and industrial development compared to the wealthier Northern countries.
2. The Global South represents more than 85 percent of the world's population and about 40 percent of global gross domestic product (GDP).
3. The term Global South was first used during the Second World War.

How many of the above statements are correct?

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

Answer: B

Explanation –

10 PM Compilation for the Month of September 2023

Statements 1 and 2 are correct. Global South refers to low-income countries or countries with relatively less socio-economic and industrial development compared to the wealthier Northern countries. The Global South represents more than 85 percent of the world's population and about 40 percent of global gross domestic product (GDP).

Statement 3 is incorrect. The term Global South was first used during the Cold War to describe the broad economic divide between the wealthy, developed countries of the North and the developing countries of the South.

Source: [DNA](#)

Q.10) With reference to Shanti Swarup Bhatnagar Prize, consider the following statements:

1. The award is presented in recognition of exceptional contributions made in the domain of social work.
2. The award is given by Navjyoti India Foundation.

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. Shanti Swarup Bhatnagar Prize is a prestigious award in science and technology given annually by the Council of Scientific and Industrial Research (CSIR) to outstanding scientists and engineers in India. It is named after Shanti Swarup Bhatnagar, the founder of CSIR.

Source: [The Print](#)

10 PM Compilation for the Month of September 2023

PRELIMS

Q.1) Consider the following statements:

Statement-I: In the 18th century, the British monopolized opium production in Purvanchal, yielding significant profits, while in Malwa, they had less control over opium production.

Statement-II: In the western part of India, the East India Company's influence was mainly restricted to Bombay during the 18th century.

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

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

Answer: A

Explanation -

Statement 1 and 2 are correct. In the 18th century, the British monopolized opium production in Purvanchal (now Bihar, Jharkhand, and eastern UP), yielding significant profits, while in Malwa (parts of Rajasthan, MP, Maharashtra, etc.) they had less control over opium production. This was because they had more influence in the Northern and Eastern India by winning the battle of Buxar, Plassey compared to the western India in the 18th century. It was in the 19th century the British held a greater influence in the western part of India, i.e., after the Maratha wars.

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

Q.2) With reference to the taxation system in India, consider the following statements:

- Earlier, the taxation system was based on consumption whereas, now, it is centered on production.
- The Integrated Goods and Services Tax (IGST) levied during interstate supply of goods or services is transferred to the destination state.

Select the correct statements using the codes given below:

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

Answer: B

Explanation -

Statement 1 is incorrect. Earlier, the taxation system was based on production. Now, it is centered on consumption. India has shifted from a production-based taxation system to a consumption-based taxation system, primarily through the implementation of the Goods and Services Tax (GST).

Statement 2 is correct. The Integrated Goods and Services Tax (IGST) levied during interstate supply of goods or services is transferred to the destination state rather than the origin state of the product.

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

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Q.3) Derna city was seen in the news recently, is located along the –

- a) Mediterranean Sea
- b) Tyrrhenian Sea
- c) Aegean Sea
- d) Adriatic Sea

Answer: A

Explanation – Derna is a coastal city located in northeastern Libya, along the Mediterranean Sea.

Source: [ForumIAS](#)

Q.4) With reference to the Global Partnership for Financial Inclusion (GPII) consider the following statements:

1. It is an inclusive platform for all G20 countries, interested non-G20 countries and relevant stakeholders.
2. GPII's efforts include helping countries put into practice the G20 Principles for Innovative Financial Inclusion, strengthening data for measuring financial inclusion, and developing methodologies for countries wishing to set targets.

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. GPII is an inclusive platform for all G20 countries, interested non-G20 countries and relevant stakeholders. Its efforts include helping countries put into practice the G20 Principles for Innovative Financial Inclusion, strengthening data for measuring financial inclusion, and developing methodologies for countries wishing to set targets.

Source: [ForumIAS](#)

Q.5) With reference to the Sickle-cell disease (SCD) consider the following statements:

1. SCD is caused by a virus.
2. People with SCD cannot have children.
3. SCD can cause chronic anemia, leading to fatigue, weakness, and pale skin.

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. SCD is caused by a genetic mutation. It is not contagious. People with SCD can have children, but there is a risk that their children will inherit the sickle cell gene.

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Statement 3 is correct. SCD can cause chronic anemia, leading to fatigue, weakness, and pale skin.

Source: [ForumIAS](#)

Q.6) Consider the following statements:

1. C-295 aircraft can be used for air-to-air refuelling of choppers and fixed-wing aircraft.
2. C-295 aircraft can operate from short, soft, rough and unprepared airstrips.
3. The C-295 MW aircraft is not suitable for use in hot and humid environments.

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. C-295 aircraft can be used for air-to-air refuelling of choppers and fixed-wing aircraft. It can operate from short, soft, rough and unprepared airstrips.

Statement 3 is incorrect. The C-295 MW is designed for use in a variety of environments, including hot and humid climates.

Source: [ForumIAS](#)

Q.7) With reference to the Konark Wheel, which of the following statement is incorrect?

- a) It was built under the reign of King Narasimhadeva-I of the Ganga dynasty.
- b) It is featured on the recent Rs 10 currency notes.
- c) The rotating motion of the wheel symbolizes time or the Kalachakra as well as progress and continuous change in the universe.
- d) It has 24 spokes each of which represents an hour of the day.

Answer: D

Explanation – The Konark Wheel is divided into 12 spokes, each of which represents a month of the year. The wheel is also inscribed with the names of the 12 zodiac signs.

Source: [ForumIAS](#)

10 PM Compilation for the Month of September 2023

Q.8) With reference to the Draft National Strategy for Robotics (NSR) consider the following statements:

1. It aims to strengthen all pillars in the innovation cycle of robotic technology, while also providing a robust institutional framework for ensuring the effective implementation of these interventions.
2. The Ministry of Electronics and Information Technology (MeitY) will serve as the nodal agency for robotics, overseeing the NSR through the 'National Robotics Mission' (NRM).
3. The strategy has identified transportation as one of the core sectors to prioritize robotics automation.

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. NSR aims to strengthen all pillars in the innovation cycle of robotic technology, while also providing a robust institutional framework for ensuring the effective implementation of these interventions. The Ministry of Electronics and Information Technology (MeitY) will serve as the nodal agency for robotics, overseeing the NSR through the 'National Robotics Mission' (NRM).

Statement 3 is incorrect. The strategy has identified manufacturing, agriculture, healthcare, and national security as the four core sectors to prioritize robotics automation.

Source: [ForumIAS](#)

Q.9) Consider the following statements:

1. Supply chains represent the different stages of producing a product or service.
2. Supply chains dictate where each production stage, like design or assembly, happens.
3. Supply chains are linear in nature.

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. Supply chains represent the different stages of producing a product or service. Supply chains dictate where each production stage, like design or assembly, happens.

Statement 3 is incorrect. Supply chains are not linear. They are complex networks of interconnected entities that work together to produce and deliver goods and services to customers.

Source: [ForumIAS](#)

10 PM Compilation for the Month of September 2023

Q.10) Consider the following statements:

1. The Periodic Labour Force Survey provides information on the average monthly earnings of self-employed workers.
2. Both demonetization and the COVID-19 pandemic led to significant reverse migration from urban to rural areas, resulting in increased reliance on agriculture.

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 Periodic Labour Force Survey provides information on the average monthly earnings of self-employed workers. Both demonetization and the COVID-19 pandemic led to significant reverse migration from urban to rural areas, resulting in increased reliance on agriculture.

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

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PRELIMS

Q.1) Consider the following statements:

1. In India, highways comprise just 5% of road length but are responsible for 51% of fatalities due to impact momentum.
2. The government has mandated the installation of side airbags in vehicles.

Select the correct statements using the codes given below:

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

Answer: A

Explanation –

Statement 1 is correct. In India, highways comprise just 5% of road length but are responsible for 51% of fatalities due to impact momentum.

Statement 2 is incorrect. The government has not mandated the installation of side airbags in vehicles.

Source: [ForumIAS](#)

Q.2) With reference to Carbon Credit, consider the following statements:

1. A robust carbon trading network is one of the solutions to address the climate emergency.
2. Carbon credits are permanent permits that allow an organization to emit CO₂ in accordance with their production needs.

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 robust carbon trading network is one of the solutions to address the climate emergency.

Statement 2 is incorrect. Carbon credits are temporary permits that allow an organization to emit a specific quantity of CO₂ in a given year.

Source: [ForumIAS](#)

10 PM Compilation for the Month of September 2023

Q.3) With reference to Nipah Virus, consider the following statements:

1. There is currently no vaccine available to protect against this pathogen.
2. The World Health Organization classifies Nipah as emerging virus.
3. Human-to-human transmission can occur through close contact, either at home or in hospitals.

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. There is currently no vaccine available to protect against this pathogen. Human-to-human transmission can occur through close contact, either at home or in hospitals.

Statement 2 is incorrect. The World Health Organization classifies Nipah as a virus of concern.

Source: [ForumIAS](#)

Q.4) Consider the following statements:

Statement-I: In 2021, the global installed capacity of renewable energy sources (RES), constituted 39% of the total capacity from all sources.

Statement-II: In 2021, of all the global electricity generated from the renewable energy, more than half was from solar energy.

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. In 2021, the global installed capacity of renewable energy sources (RES) was 3026 GW, constituting 39% of the total capacity from all sources.

Statement 2 is incorrect. In 2021, global renewable energy accounted for 28% of total electricity generation. Of this, more than half was from hydropower, while solar contributed 13% and wind added 23%.

Source: [ForumIAS](#)

10 PM Compilation for the Month of September 2023

Q.5) With reference to the Post Office Bill 2023, consider the following statements:

1. The government can intercept, open, or detain postal items for reasons such as state security, public order, or contraventions of the Act.
2. The Bill introduces standards for digital addressing using geo-spatial coordinates, potentially revolutionizing delivery methods.
3. The government's exclusive privilege to convey letters remains unchanged, perpetuating long-standing ambiguities between 'letters' and 'documents'.

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 government can intercept, open, or detain postal items for reasons such as state security, public order, or contraventions of the Act. The Bill introduces standards for digital addressing using geo-spatial coordinates, potentially revolutionizing delivery methods.

Statement 3 is incorrect. The government's exclusive privilege to convey letters is removed, resolving long-standing ambiguities between letters and documents.

Source: [ForumIAS](#)

Q.6) With reference to the National Judicial Data Grid (NJDG) Portal, consider the following statements:

1. It has been developed by the National Informatics Centre (NIC).
2. It helps identify specific bottlenecks in judicial processes.
3. It is used by the government to monitor the performance of judges.

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. NJDG Portal has been developed by the National Informatics Centre (NIC). It helps identify specific bottlenecks in judicial processes. For example, if the number of land disputes in a particular state shoots up, it helps policymakers look into whether the law needs to be strengthened.

Statement 3 is incorrect. The NJDG Portal is not used by the government to monitor the performance of judges. It is used by the government to track the progress of cases and to identify areas where improvement is needed.

Source: [ForumIAS](#)

10 PM Compilation for the Month of September 2023

Q.7) With reference to the National Logistics Policy, consider the following statements:

1. It aims to drive economic growth and business competitiveness of the country through an integrated, seamless, efficient, reliable, green, sustainable and cost-effective logistics network by leveraging best in class technology, processes and skilled manpower.
2. It targets to create data driven decision support mechanism for an efficient logistics ecosystem.

Which of the statements given above is/are correct?

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

Answer: C

Explanation –

Statements 1 and 2 are correct. National Logistics Policy aims to drive economic growth and business competitiveness of the country through an integrated, seamless, efficient, reliable, green, sustainable and cost-effective logistics network by leveraging best in class technology, processes and skilled manpower. It targets to create data driven decision support mechanism for an efficient logistics ecosystem.

Source: [ForumIAS](#)

Q.8) With reference to the International Organization of Legal Metrology (OIML) consider the following statements:

1. It is an intergovernmental organization that promotes the global harmonization of legal metrology procedures.
2. It is responsible for developing new technologies in metrology.
3. An OIML Pattern Approval certificate is mandatory to sell a weight or measure in the international market.

Which of the statements given above is/are correct?

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

Answer: C

Explanation –

Statements 1 and 3 are correct. OIML is an intergovernmental organization that promotes the global harmonization of legal metrology procedures. An OIML Pattern Approval certificate is mandatory to sell a weight or measure in the international market, which India can now issue.

Statement 2 is incorrect. The OIML does not develop new technologies. However, it does promote the development and use of new technologies in legal metrology.

Source: [ForumIAS](#)

10 PM Compilation for the Month of September 2023

Q.9) With reference to the G20 Sustainable Finance Working Group (SFWG) consider the following statements:

1. It was launched under the current presidency of India.
2. It aims to mobilize sustainable finance to help ensure global growth and stability, and promote the transition towards greener, more resilient and inclusive societies and economies.

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. SFWG was launched in 2016 during China's G20 presidency as Green Finance Study Group.

Statement 2 is correct. It aims to mobilize sustainable finance to help ensure global growth and stability, and promote the transition towards greener, more resilient and inclusive societies and economies.

Source: [ForumIAS](#)

Q.10) Which of the following lake lies in the norther part of Nyoma village?

- a) Tso Moriri
- b) Ryul Lake
- c) Pangong Tso
- d) Chilling Tso

Answer: C

Explanation – The Nyoma village is located in Eastern Ladakh. Pangong Tso lake lies in the norther part of Nyoma village.

Source: [ForumIAS](#)

10 PM Compilation for the Month of September 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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](#)

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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](#)

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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](#)

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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](#)

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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](#)

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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](#)

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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](#)

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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](#)

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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](#)

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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](#)

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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](#)

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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](#)

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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](#)

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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](#)

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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](#)

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PRELIMS

Q.1) With reference to Artificial Reef, consider the following statements:

1. It is a human-made structure that is placed in the water to create a habitat for marine life.
2. Artificial reefs enhance recreational fisheries and create suitable areas for activities like snorkeling and diving.
3. Artificial reefs can be used to create new islands.

Which of the above statements 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. Artificial Reef is a human-made structure that is placed in the water to create a habitat for marine life. Artificial reefs enhance recreational fisheries and create suitable areas for activities like snorkeling and diving.

Statement 3 is incorrect. The primary purpose of artificial reefs is to provide habitat and shelter for marine organisms and enhance underwater ecosystems. While they can alter the underwater landscape and promote biodiversity, they are not typically used for land creation.

Source: [ForumIAS](#)

Q.2) With reference to the Commission for Air Quality Management (CAQM) consider the following statements:

1. It has been set up under the Commission for Air Quality Management in National Capital Region and Adjoining Areas Act, 2021.
2. The commission is empowered with granting licenses to industries that emit air pollution.
3. If vehicular pollution levels increase above the threshold limit, CAQM has the authority to prohibit the operation of older vehicles on the roads.

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. CAQM has been set up under the Commission for Air Quality Management in National Capital Region and Adjoining Areas Act, 2021.

Statements 2 and 3 are incorrect. The primary responsibility of CAQM is to take measures to prevent and control air pollution in the National Capital Region and adjoining areas. The commission has the power to prescribe air quality standards for the region and to review and revise them from time to time. However, there no such powers as mentioned in both the statements.

Source: [ForumIAS](#)

10 PM Compilation for the Month of September 2023

Q.3) Which of the following exercise is NOT a bilateral exercise between India and Indonesia?

- a) Exercise Samudra Shakti
- b) Exercise Pitch Black
- c) Exercise Garuda Shakti
- d) IND-INDO CORPAT

Answer: B

Explanation – Exercise Pitch Black is a biennial multilateral air combat exercise hosted by the Royal Australian Air Force (RAAF) since 1981. The Indian Air Force had taken part in the exercise for the first time in 2018.

Source: [ForumIAS](#)

Q.4) With reference to the Mewar school of miniature painting, consider the following statements:

1. Mewari miniature painters rarely signed their works.
2. Allah Baksh is one of the famous artists of Mewar school of miniature painting.
3. Mewari miniature paintings are known for their dark colors and abstract designs.
4. Mewari miniature painting styles evolved to changing patron demands and artistic trends.

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. Mewari miniature painters rarely signed their works. Allah Baksh is one of the famous artists of Mewar school of miniature painting. He is renowned for creating comprehensive depictions of the entire Mahabharata and including every shloka of the Gita. Mewari miniature painting styles evolved to changing patron demands and artistic trends. **Statement 3** is incorrect. Mewari miniature paintings are known for their bright colors and intricate details. They often depict religious scenes, court scenes, hunting scenes, and festival scenes.

Source: [ForumIAS](#)

10 PM Compilation for the Month of September 2023

Q.5) With reference to the Abraham Accords, consider the following statements:

1. It refers to the agreement reached between Israel, Bahrain and the UAE to normalise relations between them.
2. The Abraham Accords was brokered by Russia.
3. As per the accord, the UAE and Bahrain will establish embassies, exchange ambassadors, cooperate and work together with Israel across a range of sectors including tourism, trade, healthcare and security.

Which of the statements given above is/are correct?

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

Answer: D

Explanation –

Statements 1 and 3 are correct. Abraham Accords are a joint statement made between Israel, the United States and the United Arab Emirates on August 13, 2020. It also refers to the agreement reached between Israel, Bahrain and the UAE to normalise relations between them. As per the accord, the UAE and Bahrain will establish embassies, exchange ambassadors, cooperate and work together with Israel across a range of sectors including tourism, trade, healthcare and security.

Statement 2 is incorrect. The Abraham Accords was brokered by the United States.

Source: [ForumIAS](#)

Q.6) Consider the following statements:

1. A Lighthouse is a tower, building, or other type of physical structure designed to emit light from a system of lamps and lenses and to serve as a beacon for navigational aid, for maritime pilots at sea or on inland waterways.
2. India's first ever Lighthouse Festival will be held at Goa.
3. Lighthouse Heritage Tourism campaign will be undertaken under the Build-Operate-Transfer (BOT) model.

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. A Lighthouse is a tower, building, or other type of physical structure designed to emit light from a system of lamps and lenses and to serve as a beacon for navigational aid, for maritime pilots at sea or on inland waterways. India's first ever Lighthouse Festival will be held at Fort Aguada in Goa.

Statement 3 is incorrect. The Ministry of Ports, Shipping & Waterways is planning to develop lighthouses into tourist hubs across the country under the 'Lighthouse Heritage Tourism' campaign. The campaign will be undertaken under the Public-Private Partnership (PPP) model.

Source: [ForumIAS](#)

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Q.7) With reference to Adi Shankaracharya, consider the following statements:

Statement-I: He argued that the individual self (Atman) is ultimately identical with Brahman and that the perceived duality of the world is an illusion (maya).

Statement-II: Adi Shankaracharya was against the use of logic and reason in religious inquiry.

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. Adi Shankaracharya central philosophy revolved around the concept of “Brahman,” the ultimate reality or cosmic consciousness, being the only true and unchanging reality. He argued that the individual self (Atman) is ultimately identical with Brahman and that the perceived duality of the world is an illusion (maya). This non-dualistic perspective is a cornerstone of Advaita Vedanta.

Statement 2 is incorrect. Adi Shankaracharya encouraged the use of logic and reason in religious inquiry. He wrote commentaries on the Upanishads, the Bhagavad Gita, and the Brahma Sutras, which are the foundational texts of Advaita Vedanta, a school of philosophy that is known for its rigorous intellectual rigor.

Source: [ForumIAS](#)

Q.8) Consider the following statements:

- 1. Suicides are acts where individuals intentionally cause their own death.
- 2. A cluster of suicides occurs when suicides, attempts, or self-harm events happen closer in time and space than usually expected, forming a pattern.
- 3. National Suicide Prevention Strategy (NSPS) aims to decrease suicides by 70% by 2030.

Which of the statements given above is/are correct?

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

Answer: A

Explanation –

Statements 1 and 2 are correct. Suicides are acts where individuals intentionally cause their own death. A cluster of suicides occurs when suicides, attempts, or self-harm events happen closer in time and space than usually expected, forming a pattern.

Statement 3 is incorrect. National Suicide Prevention Strategy (NSPS) aims to decrease suicides by 10% by 2030.

Source: [ForumIAS](#)

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Q.9) Consider the following statements:

1. Karnataka's per capita income is over five times higher than Bihar.
2. The southern states contribute a significant portion of the central GST revenue but receive less than a sixth of the total central transfers to 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: C

Explanation –

Statements 1 and 2 are correct. Karnataka's per capita income is over five times higher than Bihar. The southern states contribute a significant portion of the central GST revenue but receive less than a sixth of the total central transfers to states.

Source: [ForumIAS](#)

Q.10) Consider the following statements:

1. The aim of Cyber Surakshit Bharat initiative to spread awareness about cybercrime and building capacity for safety measures for Chief Information Security Officers (CISOs) and frontline IT staff across all government departments.
2. Phishing is the act of encrypting the victim's data and demand a ransom payment to decrypt it.

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 aim of Cyber Surakshit Bharat initiative to spread awareness about cybercrime and building capacity for safety measures for Chief Information Security Officers (CISOs) and frontline IT staff across all government departments.

Statement 2 is incorrect. Phishing is act of tricking users into divulging login credentials to gain access to an internal network. It aims to steal sensitive information or trick the victim into clicking on a malicious link.

Source: [ForumIAS](#)

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PRELIMS

Q.1) Consider the following statements:

1. Direct tax is a tax which an individual or organisation pays taxes directly to the imposing body.
2. Direct taxes are generally considered to be more progressive than indirect taxes.
3. Direct taxes are typically levied on consumption.

Which of the statements given above is/are correct?

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

Answer: A

Explanation –

Statements 1 and 2 are correct. Direct tax is a tax which an individual or organisation pays taxes directly to the imposing body. Direct taxes are generally considered to be more progressive than indirect taxes, means the tax obligation increases in proportion to an individual's or entity's income.

Statement 3 is incorrect. Direct taxes are typically levied on income, wealth, or property, not on consumption.

Source: [ForumIAS](#)

Q.2) Consider the following statements:

1. The Morocco earthquake resulted from a geological phenomenon known as transform fault.
2. The Morocco Earthquake was a Shallow Earthquake.

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 Morocco earthquake resulted from a geological phenomenon known as reverse fault. This occurs when tectonic plates collide which cause thickening of the Earth's Crust. The stress along these fault lines induces earthquakes as rocks abruptly shift to release accumulated stress.

Statement 2 is correct. The Morocco Earthquake was a Shallow Earthquake. Shallow earthquakes carry a much higher amount of energy when they hit the surface.

Source: [ForumIAS](#)

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Q.3) With reference to the first Global Stocktake report, recently released by the United Nations Climate Secretariat, consider the following statements:

1. The Global Stocktake Report is mentioned under Art 14(1) of the Paris Agreement.
2. As per the report, to meet the Paris Agreement Targets, global greenhouse gas emissions need to be reduced by 43% by 2030 and further by 60% in 2035 and reach net zero CO2 emissions by 2050 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 Global Stocktake Report is mentioned under Art 14(1) of the Paris Agreement. As per the report, to meet the Paris Agreement Targets, global greenhouse gas emissions need to be reduced by 43% by 2030 and further by 60% in 2035 and reach net zero CO2 emissions by 2050 globally.

Source: [ForumIAS](#)

Q.4) Consider the following statements:

1. During the Cold War, Saudi Arabia aligned itself with the Soviet Union camp.
2. Saudi Arabia is a source of 17% or more of crude oil and 32% of LPG requirements of India and thus a key pillar of India's energy security.
3. India is Saudi Arabia's second-largest trade partner and Saudi Arabia is India's fourth-largest trade partner.

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. During the Cold War, Saudi Arabia put itself in the American camp but India followed the policy of non-alignment.

Statement 2 and 3 are correct. Saudi Arabia is a source of 17% or more of crude oil and 32% of LPG requirements of India and thus a key pillar of India's energy security. India is Saudi Arabia's second-largest trade partner and Saudi Arabia is India's fourth-largest trade partner.

Source: [ForumIAS](#)

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Q.5) Consider the following statements:

1. e-Samiksha is a real time online system for monitoring and follow-up action on the decisions taken by the Government at the apex level in respect of implementation of important Government programmes/projects.
2. Mission Karmayogi is an initiative for the government to engage with experts, intellectuals from industry and academic institutions to exchange experiences relating to e-Governance initiatives.

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. e-Samiksha is a real time online system for monitoring and follow-up action on the decisions taken by the Government at the Apex level in respect of implementation of important Government programmes/projects.

Statement 2 is incorrect. Mission Karmayogi is part of National Programme for Civil Services Capacity Building (NPCSCB). It aims to build a future-ready civil service with the right attitude, skills and knowledge which is aligned to the vision of New India.

Source: [ForumIAS](#)

Q.6) Consider the following statements:

1. Reintroduction of cheetahs helps in restoring the natural balance of the ecosystem by reintroduction of a top predator in the food chain.
2. The reintroduction of cheetahs has helped in reviving their cultural importance in India, as Cheetahs have historically been symbols of strength and agility in Indian mythology and folklore.
3. Cheetahs are a high-density species with numerous cheetahs existing withing 100 sq kms.
4. Like tigers and leopards, cheetahs are robust creatures and are less prone to sustaining fatal injuries in the wild.

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 correct. Reintroduction of cheetahs helps in restoring the natural balance of the ecosystem by reintroduction of a top predator in the food chain. The reintroduction of cheetahs has helped in reviving their cultural importance in India, as Cheetahs have historically been symbols of strength and agility in Indian mythology and folklore.

Statements 3 and 4 are incorrect. Cheetahs are a low-density species with 1-2 Cheetahs existing in 100 sq kms. Unlike tigers and leopards, Cheetahs are comparatively fragile creatures and are more prone to sustaining fatal injuries in the wild.

Source: [ForumIAS](#)

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Q.7) With reference to Hoysala Temples architecture, consider the following statements:

1. Hoysala architecture combines Dravidian, Vesara, and Nagara styles of temple architecture.
2. A distinctive feature of Hoysala temples is that sculptors and masons left their names and sometimes additional details on the temple structures, providing historical insights into the craftsmen behind these remarkable creations.
3. Hoysala temples are typically made of brick, while other South Indian temples are typically made of stone.

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. Hoysala architecture combines three distinct architectural styles – mainstream Dravidian architecture (seen in Pallava and Chola temples), Vesara style (a variant of Dravida style from Chalukya and Rashtrakuta temples), and North Indian Nagara style. This blend of styles was influenced by the Hoysalas military expeditions to different regions, bringing in diverse artistic influences. A unique aspect of Hoysala temples is that artisans often inscribed their names and additional details on the temple structures, offering historical insights into the creators of these remarkable works.

Statement 3 is incorrect. Hoysala temples are typically made of soapstone, which is a soft stone that is easy to carve.

Source: [ForumIAS](#)

Q.8) With reference to the India-UN Capacity Building Initiative, consider the following statements:

1. It aims to build the capacity of countries in the Global South by sharing India's development experiences, best practices, and expertise through capacity-building and training programs.
2. The initiative represents a significant step in accelerating progress toward the SDGs through South-South Cooperation, demonstrating India's commitment to strengthening its development partnership with the Global South.
3. The initiative operates as a unidirectional process, where India contributes all the knowledge and expertise, while partner countries solely receive it.

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. India-UN Capacity Building Initiative aims to build the capacity of countries in the Global South by sharing India's development experiences, best practices, and expertise through capacity-building and training programs. The initiative represents a significant step in accelerating progress toward the SDGs through South-South

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Cooperation, demonstrating India's commitment to strengthening its development partnership with the Global South.

Statement 3 is incorrect. The India-UN Capacity Building Initiative operates as a bidirectional process, with India and partner countries mutually sharing knowledge and expertise for collaborative growth and development.

Source: [ForumIAS](#)

Q.9) With reference to Ayushman Bharat – Pradhan Mantri Jan Arogya Yojana (AB-PMJAY) consider the following statements:

1. It is the world's largest Government funded health assurance scheme.
2. It is a completely cashless and paperless scheme.
3. It is available to all Indians, regardless of their income or social status.

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. AB-PMJAY is the world's largest Government funded health assurance scheme. It is a completely cashless and paperless scheme.

Statement 3 is incorrect. The scheme is targeted towards the bottom 40% of the poor and vulnerable population in India. The households included are based on the deprivation and occupational criteria of Socio-Economic Caste Census 2011 (SECC 2011) for rural and urban areas respectively.

Source: [ForumIAS](#)

Q.10) With reference to OSIRIS-REx Mission, consider the following statements:

1. It is a NASA robotic spacecraft that visited and collected samples from the near-Earth asteroid Bennu.
2. It is the first U.S. mission to collect a sample from an asteroid and return it to Earth.

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. OSIRIS-REx stands for Origins, Spectral Interpretation, Resource Identification, Security, Regolith Explorer. The mission was launched by NASA in 2016. It is a NASA robotic spacecraft that visited and collected samples from the near-Earth asteroid Bennu. It is the first U.S. mission to collect a sample from an asteroid and return it to Earth.

Source: [ForumIAS](#)

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PRELIMS

Q.1) Consider the following statements with reference to the GOBARdhan Initiative:

1. It covers the entire gamut of schemes/programmes/policies promoting the conversion of organic waste like cattle dung/ agri-residue etc to biogas/ CBG/ Bio CNG.
2. The initiative also aims develop new technologies for the disposal of hazardous waste.
3. As per Budget Announcement 2023-24, 500 new 'waste to wealth' plants under GOBARdhan scheme will be established for promoting the circular economy.

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. GOBARdhan Initiative covers the entire gamut of schemes/programmes/policies promoting the conversion of organic waste like cattle dung/ agri-residue etc to biogas/ CBG/ Bio CNG. As per Budget Announcement 2023-24, 500 new 'waste to wealth' plants under GOBARdhan scheme will be established for promoting the circular economy.

Statement 2 is incorrect. There is no such aim of the scheme.

Source: [ForumIAS](#)

Q.2) With reference to Foreign Contribution Regulation Act (FCRA) consider the following statements:

1. FCRA is a law that regulates the investment of foreign capital in India.
2. The law mandates that all NGOs register themselves under the FCRA and its registration is initially valid for five years and it can be renewed subsequently if they comply with all norms.
3. The FCRA requires all individuals, associations, and companies that receive foreign contributions to register with the Government of India.

Which of the statements given above are correct?

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

Answer: B

Explanation –

Statement 1 is incorrect. FCRA is a law that regulates the receipt and utilization of foreign contributions by individuals, associations, and companies in India. It does not regulate the investment of foreign capital in India. Investment of foreign capital in India is regulated by govt. FDI policies.

Statements 2 and 3 are correct. FCRA mandates that all NGOs register themselves under the FCRA and its registration is initially valid for five years and it can be renewed subsequently if they comply with all norms. The FCRA requires all individuals, associations, and companies that receive foreign contributions to register with the Government of India.

Source: [ForumIAS](#)

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Q.3) Consider the following statements:

1. India's first Green Hydrogen Fuel Cell Bus has been developed by Hindustan Petroleum Corporation Limited.
2. The fuel cell utilizes Hydrogen and air to generate electricity to power the bus and the only by-product from the bus is water therefore making it possibly the most environmentally friendly mode of transportation as compared to conventional buses that run on diesel and petrol.

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 first Green Hydrogen Fuel Cell Bus has been developed by Indian Oil Corporation (IOC).

Statement 2 is correct. The fuel cell utilizes Hydrogen and air to generate electricity to power the bus and the only by-product from the bus is water therefore making it possibly the most environmentally friendly mode of transportation as compared to conventional buses that run on diesel and petrol.

Source: [ForumIAS](#)

Q.4) Consider the following statements:

1. The Bureau of Indian Standards (BIS) operates a Product Certification scheme for ensuring compliance to Indian Standards.
2. Before granting license to any manufacturer, BIS ascertains the availability of required infrastructure and capability of the manufacturer to produce and test the product conforming to the relevant Indian Standard on a continuous basis.
3. The BIS certification scheme is mandatory for all the products, complying with the Indian standards.

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. BIS operates a Product Certification scheme for ensuring compliance to Indian Standards. Before granting license to any manufacturer, BIS ascertains the availability of required infrastructure and capability of the manufacturer to produce and test the product conforming to the relevant Indian Standard on a continuous basis.

Statement 3 is incorrect. The BIS certification scheme is voluntary in nature. However, for a number of products, compliance to Indian Standards made mandatory by the Central Government under various statutes in public interest.

Source: [ForumIAS](#)

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Q.5) With reference to the Bharat Drone Shakti, consider the following statements:

1. It is a collaborative effort between the Indian Air Force and the Drone Federation of India (DFI).
2. During the Bharat Drone Shakti-2023, a compact drone system designed for easy transport on motorbikes was exhibited at the drone show.
3. The initiative is focused on developing and manufacturing large-scale drones in India.

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. Bharat Drone Shakti is a collaborative effort between the Indian Air Force and the Drone Federation of India (DFI). During the Bharat Drone Shakti-2023, a compact drone system designed for easy transport on motorbikes was exhibited at the drone show.

Statement 3 is incorrect. The Bharat Drone Shakti initiative is a first-of-its-kind drone exhibition cum display that aims to showcase the full potential of the Indian drone industry. It is not focused on developing and manufacturing large-scale drones in India.

Source: [ForumIAS](#)

Q.6) With reference to Galactic Tides, consider the following statements:

1. They are caused by gravitational forces within a galaxy arising in the interactions between celestial objects like stars and gas clouds.
2. Galactic tides are responsible for the formation of new galaxies.
3. They can disrupt the orbits of stars, leading to gradual and long-term changes in a galaxy's structure.

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. Galactic Tides are caused by gravitational forces within a galaxy arising in the interactions between celestial objects like stars and gas clouds. They can disrupt the orbits of stars, leading to gradual and long-term changes in a galaxy's structure.

Statement 2 is incorrect. Galactic tides are forces that can shape and disrupt the evolution of existing galaxies, but they do not create new galaxies.

Source: [ForumIAS](#)

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Q.7) With reference to the State of Working India (SWI 2023) report, consider the following statements:

1. As per the report, growth in GDP always assure proportional job creation.
2. The report highlighted that the employment benefits of growth aren't equally shared among genders, castes, or religions.

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. As per the report, growth in GDP doesn't assure proportional job creation.

Statement 2 is correct. The report highlighted that the employment benefits of growth aren't equally shared among genders, castes, or religions. Notably, women have been majorly disadvantaged in recent times.

Source: [ForumIAS](#)

Q.8) With reference to Multiple entry and multiple exit (MEME) system, consider the following statements:

1. The system allows students to drop their course and resume it at a later stage as and when they desire or deem it worth pursuing.
2. MEME is a flexible system that works well in Western countries but may not work well in India due to its high population and the difficulty of predicting student enrollment, which could disrupt the pupil-teacher ratio.

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. MEME system allows students to drop their course and resume it at a later stage as and when they desire or deem it worth pursuing. MEME is a flexible system that works well in Western countries but may not work well in India due to its high population and the difficulty of predicting student enrollment, which could disrupt the pupil-teacher ratio.

Source: [ForumIAS](#)

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Q.9) Consider the following statements with reference to Institute for What Works to Advance Gender Equality (IWWAGE):

1. It aims to build on existing research and generate new evidence to inform and facilitate the agenda of women's economic empowerment.
2. IWWAGE was established with the support of the Government of 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. IWWAGE aims to build on existing research and generate new evidence to inform and facilitate the agenda of women's economic empowerment.

Statement 2 is incorrect. IWWAGE was established in 2017 with the support of the Bill & Melinda Gates Foundation. It is an initiative led by IFMR LEAD, an action-oriented research center of IFMR Society.

Source: [ForumIAS](#)

Q.1) With reference to Norman E Borlaug Award, consider the following statements:

1. The award is presented every year by the World Food Prize Foundation.
2. The award is given to honor achievements in the field of underwater archaeology.

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. Norman E Borlaug Award is presented every year by the World Food Prize Foundation. It is presented in memory of the Nobel awardee Dr. Norman Borlaug.

Statement 2 is incorrect. This award recognizes exceptional, science-based achievement in international agriculture and food production by an individual under the age of 40.

Source: [ForumIAS](#)

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Q.2) With reference to the State of the Rhino Report, 2023 consider the following statements:

1. As per the report, in Asia dramatically increased precipitation and longer monsoon periods could cause more direct deaths of rhinos.
2. Greater one-horned rhinos reside primarily in India and Nepal, though there is a population that occasionally crosses into Bhutan.

Select the correct statements using the codes given below:

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

Answer: C

Explanation –

Statements 1 and 2 are correct. As per the report, in Asia dramatically increased precipitation and longer monsoon periods could cause more direct deaths of rhinos. Greater one-horned rhinos reside primarily in India and Nepal, though there is a population that occasionally crosses into Bhutan.

Source: [ForumIAS](#)

Q.3) With reference to Angel Tax, consider the following statements:

1. Angel tax is a tax that listed companies are liable to pay on the capital they raise through the issue of shares.
2. The term "angel" in Angel Tax refers to individual investors or groups of investors who provide early-stage funding to startups.
3. The scope of Angel Tax was expanded in the Budget to include non-resident investors, whereas previously it applied only to investments made by resident or local investors.

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. Angel tax is a tax that unlisted companies, usually startups, are liable to pay on the capital they raise through the issue of shares. Angel Tax does not apply to listed companies.

Statements 2 and 3 are correct. The term "angel" in Angel Tax refers to individual investors or groups of investors who provide early-stage funding to startups. The scope of Angel Tax was expanded in the Budget to include non-resident investors, whereas previously it applied only to investments made by resident or local investors.

Source: [ForumIAS](#)

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Q.4) With reference to Business Responsibility and Sustainability Reporting (BRSR) consider the following statements:

1. It is a reporting framework that requires Indian companies to provide quantitative metrics on financial factors.
2. The framework is a mandatory disclosure mechanism for top 1000 listed companies or businesses to report their performance on environmental, social and governance (ESG) aspects and demonstrate their commitment to responsible business practices.
3. It seeks disclosures from listed entities on their performance against the nine principles of the National Guidelines for Responsible Business Conduct (NGRBC).

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 Business Responsibility and Sustainability Reporting (BRSR) framework is a reporting framework that requires Indian companies to provide quantitative metrics on sustainability-related factors, not financial factors.

Statements 2 and 3 are correct. The framework is a mandatory disclosure mechanism for top 1000 listed companies or businesses to report their performance on environmental, social and governance (ESG) aspects and demonstrate their commitment to responsible business practices. It seeks disclosures from listed entities on their performance against the nine principles of the National Guidelines for Responsible Business Conduct (NGRBC).

Source: [ForumIAS](#)

Q.5) With reference to the Scheme for Remission of Duties and Taxes on Exported Products (RoDTEP) consider the following statements:

1. The RoDTEP scheme is designed to make Indian exports more competitive in the global market.
2. It is a scheme that imposes duties and taxes on exported products.
3. The tax refund rates under the scheme range from 0.5% to 4.3% depending on the sector and the product.

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. The RoDTEP scheme is designed to make Indian exports more competitive in the global market. The tax refund rates under the scheme range from 0.5% to 4.3% depending on the sector and the product.

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Statement 2 is incorrect. The RoDTEP scheme is a scheme that provides rebates on certain duties and taxes paid on goods exported from India. It does not impose duties and taxes on exported products.

Source: [ForumIAS](#)

Q.6) With reference to Balsams plant, consider the following statements:

1. These are flowering plants known for their small pink flowers.
2. They are locally called as Kasithumba.
3. Anamudi, the highest mountain in the Western Ghats, and the surrounding high ranges are known for the diversity of wild balsams.

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. Balsams plant are flowering plants known for their small pink flowers. They are locally called as Kasithumba and Onappovu. Anamudi, the highest mountain in the Western Ghats, and the surrounding high ranges are known for the diversity of wild balsams.

Source: [ForumIAS](#)

Q.7) Consider the following statements:

Statement-I: The estimated mean daily salt intake in India is 8 g, which exceeds the World Health Organization's recommended limit of up to 5 g per day.

Statement-II: A high sodium level in the diet reduces the severity of stroke and cardiac failure.

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 estimated mean daily salt intake in India is 8 g, which exceeds the World Health Organization's recommended limit of up to 5 g per day.

Statement 2 is incorrect. A high sodium level in the diet increases the stroke and cardiac failure severity. Salty diet is responsible for 3 million deaths globally because of cardiovascular diseases.

Source: [ForumIAS](#)

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Q.8) Consider the following statements:

1. Habitat destruction compels disease-carrying animals to encroach upon human habitats.
2. High temperatures are not responsible for bringing any changes in the genetic structure of pathogens.
3. Human-induced climate change is giving rise to an unprecedented vulnerability to health crises.

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. Habitat destruction compels disease-carrying animals to encroach upon human habitats. Human-induced climate change is giving rise to an unprecedented vulnerability to health crises.

Statement 2 is incorrect. High temperatures can modify the genetic composition of pathogens, potentially impacting their infectivity and virulence.

Source: [ForumIAS](#)

Q.9) With reference to Green Hydrogen Mission, consider the following statements:

1. It is a program aimed at promoting the use of hydrogen made through non-renewable processes.
2. The Green Hydrogen Mission is expected to enhance energy security in India.
3. It also aims at reducing the use of renewable energy sources in India.

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. The Green Hydrogen Mission promotes renewable hydrogen production by splitting water using sources like solar and wind power, offering a clean, sustainable fossil fuel alternative. The Green Hydrogen Mission is a program aimed at promoting the use of renewable energy sources in India.

Statement 2 is correct. The Green Hydrogen Mission is expected to enhance energy security in India.

Source: [ForumIAS](#)

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Q.10) With reference to the Digital Personal Data Protection (DPDP) Act 2023, consider the following statements:

1. It mandates greater accountability and transparency from private corporations and government institutions regarding data practices.
2. It gives people more control over their data and includes the right to be forgotten.

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. DPDP Act 2023 mandates greater accountability and transparency from private corporations and government institutions regarding data practices. It gives people more control over their data and includes the right to be forgotten.

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

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PRELIMS

Q.1) With reference to International Coffee Organization (ICO) consider the following statements:

1. It is the only intergovernmental organization for coffee, bringing together exporting and importing Governments.
2. It currently represents 93% of world coffee production and 63% of world consumption.
3. India is not a member of this organization.

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. ICO was established in 1963 under the aegis of the United Nations and following the approval of the first International Coffee Agreement in 1962. It is the only intergovernmental organization for coffee, bringing together exporting and importing Governments.

Statement 3 is incorrect. India is a member of this organization.

Source: [ForumIAS](#)

Q.2) Consider the following statements with reference to social bonds:

1. Social bonds, like any other bonds, are a form of debt instruments in which the issuer (borrower) owes money to the holder (lender).
2. Social bonds are a type of bond instrument whose proceeds are exclusively applied to finance or re-finance new and existing commercial projects.
3. Social bonds are typically issued by governments, corporations, and non-profit organizations.

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. Social bonds, like any other bonds, are a form of debt instruments in which the issuer (borrower) owes money to the holder (lender). Social bonds are typically issued by governments, corporations, and non-profit organizations.

Statement 2 is incorrect. Social bonds are not exclusively used to finance or refinance commercial projects. Commercial projects are financed by other types of bonds, such as corporate bonds and project bonds. Social bonds are specifically designed to finance projects that have a social benefit.

Source: [ForumIAS](#)

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Q.3) Consider the following statements:

1. According to the 2011 Census, Scheduled Tribes (STs) make up 8.6% of India's population.
2. Between 2016 and 2021, STs made progress in indicators such as Sanitation Facilities, Skilled Birth Attendance and Full Vaccination Coverage.

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. According to the 2011 Census, Scheduled Tribes (STs) make up 8.6% of India's population. Between 2016 and 2021, STs made progress in indicators such as Sanitation Facilities, Skilled Birth Attendance and Full Vaccination Coverage.

Source: [ForumIAS](#)

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

1. Green ammonia production is where the process of making ammonia is 100% renewable and carbon-free.
2. Green ammonia can be burnt in an engine or used in a fuel cell to produce electricity.
3. Green ammonia is not as effective as traditional ammonia for fertilizing crops.

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: A

Explanation –

Statements 1 and 2 are correct. Green ammonia production is where the process of making ammonia is 100% renewable and carbon-free. Green ammonia can be burnt in an engine or used in a fuel cell to produce electricity.

Statement 3 is incorrect. Green ammonia is just as effective as traditional ammonia for fertilizing crops. It can directly replace Grey Ammonia currently used in fertilizer plants without requiring any changes to existing infrastructure.

Source: [ForumIAS](#)

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Q.5) Consider the following statements:

1. Coffee Board of India is a statutory organization.
2. In the year 2021-22, India was the fifth largest exporter of coffee in the world with a share of about 6% of global coffee exports.
3. Tamil Nadu is the largest coffee producer in India whereas Argentina is the largest coffee-producing country in the world.

How many of the above statements are correct?

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

Answer: B

Explanation –

Statement 1 and 2 are correct. Coffee Board of India is a statutory organization constituted under Section (4) of the Coffee Act, 1942. In the year 2021-22, India was the 5th largest exporter of coffee in the world with a share of about 6% of global coffee exports.

Statement 3 is incorrect. Karnataka is the largest coffee producer in India whereas Brazil is the largest coffee-producing country in the world.

Source: [ForumIAS](#)

Q.6) With reference to Sustainability Bond Framework, consider the following statements:

1. The Sustainability Bond Framework are mandatory regulations that govern the issuance of sustainability bonds.
2. The framework seeks to finance and refinance new or existing eligible green and social projects.
3. The Sustainability Bond Framework includes a process for evaluation and selection of eligible operations, management of proceeds, and reporting.

Which of the statement 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 Sustainability Bond Guidelines are not mandatory regulations that govern the issuance of sustainability bonds. They are a set of voluntary standards that provide guidance on the issuance and management of sustainability bonds.

Statements 2 and 3 are correct. The framework seeks to finance and refinance new or existing eligible green and social projects. The Sustainability Bond Framework includes a process for evaluation and selection of eligible operations, management of proceeds, and reporting.

Source: [ForumIAS](#)

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Q.7) With reference to Naval Innovation & Indigenisation Organisation (NIO) consider the following statements:

1. NIO is responsible for the development and regulation of the Indian Navy.
2. NIO has organized the Swavlamban seminar to promote innovation and indigenization 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. The NIO is responsible for promoting innovation and indigenisation in the Indian Navy by leveraging the expertise of naval personnel, academia, and industry.

Statement 2 is correct. NIO has organized the Swavlamban seminar to promote innovation and indigenisation in the Indian Navy. Swavlamban is NIO's annual seminar.

Source: [ForumIAS](#)

Q.8) With reference to Conocarpus Trees, consider the following statements:

1. It is an evergreen species with dark-green shiny leaves.
2. Conocarpus trees have several adverse health impacts.
3. Conocarpus trees are native to the temperate regions of the world.

Which of the statements given above are correct?

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

Answer: A

Explanation –

Statements 1 and 2 are correct. Conocarpus Tree is an evergreen species with dark-green shiny leaves. Conocarpus trees have several adverse health impacts such as pollen from the trees have been found to trigger health issues like cold, cough, asthma, and allergies.

Statement 3 is incorrect. Conocarpus trees are native to tropical and subtropical regions of the world.

Source: [ForumIAS](#)

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Q.9) With reference to Ring of fire Solar Eclipse, consider the following statements:

1. It occurs when the Moon passes in front of the Sun, but is not close enough to completely cover it.
2. A ring of fire solar eclipse is also known as a total solar eclipse.

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. Ring of fire Solar Eclipse occurs when the Moon passes in front of the Sun, but is not close enough to completely cover it.

Statement 2 is incorrect. A ring of fire solar eclipse, also known as an annular solar eclipse, is different from a total solar eclipse.

Source: [DNA](#)

Q.10) With reference to Indo-Pacific Armies Chiefs' Conference (IPACC) consider the following statements:

1. It is a biennial forum for army chiefs from the Indo-Pacific region to discuss security challenges and cooperation opportunities.
2. The IPACC provides a platform for army chiefs to share their perspectives on regional security issues, such as terrorism, cyber threats, and maritime security.

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. IPACC is a biennial forum for army chiefs from the Indo-Pacific region to discuss security challenges and cooperation opportunities. The IPACC provides a platform for army chiefs to share their perspectives on regional security issues, such as terrorism, cyber threats, and maritime security.

Source: [ForumIAS](#)

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PRELIMS

Q.1) With reference to Geospatial intelligence, consider the following statements:

1. It is the collection and integration of data from a network of technologies, including satellites, mobile sensors, ground-control stations and aerial images.
2. It can accurately predict the winner of future sporting events based on geographical data.
3. Geospatial intelligence monitors environmental factors like temperature, precipitation, and polar ice to anticipate disturbances.

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. Geospatial intelligence is the collection and integration of data from a network of technologies, including satellites, mobile sensors, ground-control stations and aerial images. It monitors environmental factors like temperature, precipitation, and polar ice to anticipate disturbances.

Statement 2 is incorrect. Geospatial intelligence can be used to identify trends and patterns, but it cannot be used to predict the future with certainty.

Source: [ForumIAS](#)

Q.2) In the context of India Polity, consider the following statements with reference to e-Cabinet:

1. It is a powerful tool for State Governments to conduct Cabinet meetings electronically.
2. It has been developed by the National Information Centre (NIC).
3. Jharkhand has become the fourth state to adopt e-Cabinet system.

Which of the statements given above are correct?

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

Answer: A

Explanation –

Statements 1 and 2 are correct. eCabinet is a powerful tool for State Governments to conduct Cabinet meetings electronically. It has been developed by the National Information Centre (NIC).

Statement 3 is incorrect. Tripura has become the fourth state—and second in the Northeast—after Uttarakhand, Uttar Pradesh and Arunachal Pradesh to have introduced an e-cabinet system.

Source: [ForumIAS](#)

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Q.3) With reference to the Social Audit Units under Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS) consider the following statements:

1. Social Audit is the examination and assessment of a programme/scheme conducted with the active involvement of people and comparing official records with actual ground realities.
2. Social Audits under MGNREGA are conducted by the central government in collaboration with state governments.
3. The social audit unit's sole responsibility is to flag cases of malpractice.

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. Social Audit is the examination and assessment of a programme/scheme conducted with the active involvement of people and comparing official records with actual ground realities. The social audit unit only identifies malpractice, and it's the responsibility of state governments to recover funds and hold officials accountable.

Statement 2 is incorrect. Social Audits are conducted by a committee that is selected by the Gram Sabha.

Source: [ForumIAS](#)

Q.4) With reference to Open Defecation Free (ODF) Plus Village, consider the following statements:

Statement-I: Uttar Pradesh has achieved 100% Open Defecation Free (ODF) Plus coverage under the Swachh Bharat Mission (Grameen) programme.

Statement-II: ODF Plus status is only achieved by implementing both solid and liquid waste management.

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. Uttar Pradesh has achieved 100% Open Defecation Free (ODF) Plus coverage under the Swachh Bharat Mission (Grameen) programme.

Statement 2 is incorrect. ODF Plus status is achieved by implementing either solid or liquid waste management, along with sustaining Open Defecation Free (ODF) status.

Source: [ForumIAS](#)

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Q.5) With reference to Five Eyes Alliance, consider the following statements:

1. The alliance is both surveillance-based and tracks signals intelligence (SIGINT).
2. The objective of the Five Eyes alliance has shifted following the collapse of the Soviet Union and the emergence of new global challenges like terrorism and the growing influence of China.

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. Five Eyes Alliance is both surveillance-based and tracks signals intelligence (SIGINT). The objective of the Five Eyes alliance has shifted following the collapse of the Soviet Union and the emergence of new global challenges like terrorism and the growing influence of China.

Source: [ForumIAS](#)

Q.6) With reference to Pipe Composting Technology, consider the following statements:

1. It is a method of converting inorganic waste into compost.
2. Pipe composting is eco-friendly, as it doesn't harm the environment.
3. This composting method creates an unpleasant odor and unsanitary environment.

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. Pipe Composting Technology is a method of converting organic waste into compost using PVC pipes 8 – 10 inches in diameter and 1.25 metres in length. The pipes are placed vertically keeping them 25-30 cm inside the ground. This composting method is odorless and prevents the attraction of flies, ensuring a pleasant atmosphere.

Statement 2 is correct. Pipe composting is eco-friendly, as it doesn't harm the environment.

Source: [ForumIAS](#)

Q.7) In the digital world, cookies refer to –

- a) It is a small piece of data that is stored on a user's device by a website when the user visits the website.
- b) It is a software platform that allows users to create, edit, organize, and publish digital content on websites and online applications.
- c) It refers to the visual design and layout of a digital product, such as a website or mobile app.
- d) It is the process of converting data into a coded or unreadable format to protect it from unauthorized access.

Answer: A

Explanation – In the digital world, cookies refer to a small piece of data that is stored on a user's device by a website when the user visits the website. The website uses it to identify users and

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their devices, which also stores these cookies. Whenever a user visits the same website, the cookies identify him/her and make it show relevant information.

Source: [ForumIAS](#)

Q.8) With reference to Global Innovation Index 2023, consider the following statements:

1. India holds top rankings in key indicators of the index such as ICT services exports.
2. The index is published by the Organization for Economic Co-operation and Development (OECD).

Select the correct statements using the codes given below:

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

Answer: A

Explanation –

Statement 1 is correct. In the Global Innovation Index 2023, India holds top rankings in key indicators such as: ICT services exports (5th rank), flow of venture capital (6), graduates in science and engineering (11) and global corporate R&D investors (13).

Statement 2 is incorrect. The index is published by the World Intellectual Property Organization (WIPO).

Source: [ForumIAS](#)

Q.9) With reference to Suyamariyathai (self-respect) marriages, consider the following statements:

1. It originated in the early 20th century as part of the Self-Respect Movement in Tamil Nadu, India.
2. Suyamariyathai marriages aim to reduce the financial burden and social pressures associated with elaborate weddings while emphasizing the importance of personal values and self-esteem in the marital relationship.

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. Suyamariyathai (self-respect) marriages originated in the early 20th century as part of the Self-Respect Movement in Tamil Nadu, India. It aims to reduce the financial burden and social pressures associated with elaborate weddings while emphasizing the importance of personal values and self-esteem in the marital relationship.

Source: [ForumIAS](#)

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Q.10) Consider the following statements:

1. An Investment Facilitation Agreement (IFA) is a bilateral or multilateral agreement between countries that aims to facilitate and promote foreign investment.
2. Investment promotion focuses on simplifying administrative processes and reducing barriers to investment for foreign investors who have shown interest in investing.

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. An Investment Facilitation Agreement (IFA) is a bilateral or multilateral agreement between countries that aims to facilitate and promote foreign investment.

Statement 2 is incorrect. Investment promotion markets a country to attract foreign investors, generating interest, while investment facilitation simplifies processes and reduces barriers once investors express interest.

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