

10 PM Current Affairs Quiz Compilation

4th to 9th September, 2023

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

10 PM Compilation for the Month of September [First Week] 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)

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

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 The Tier I account under the NPS, is a voluntary account where the contributions are not mandatory and can be withdrawn at any time.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](#)

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

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](#)

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

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](#)

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

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](#)

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

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](#)

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

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](#)

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

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](#)

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

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](#)

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

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.

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

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](#)

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

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](#)

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

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 –

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

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 [First Week] 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)

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

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](#)

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

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](#)

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

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 –

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

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](#)

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

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](#)

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

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 [First Week] 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 [First Week] 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 [First Week] 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](#)