

10 PM Current Affairs Quiz Compilation

17th to 22nd July, 2023

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

PRELIMS

Q.1) Consider the following statements regarding Scorpene submarines:

1. They use diesel electric propulsion systems, with the ability to operate independently without refueling for approximately 50 days.
2. They are versatile submarines that can perform a range of tasks in coastal and open waters whereas the primary objective of Cruise Missile Submarines is to carry and launch cruise missiles.
3. They are designed for long-range strikes while Cruise Missile Submarines have a limited range.

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. Scorpene submarines use diesel electric propulsion systems, with the ability to operate independently without refueling for approximately 50 days. Scorpene submarines are versatile submarines that can perform a range of tasks in coastal and open waters whereas the primary objective of Cruise Missile Submarines is to carry and launch cruise missiles.

Statement 3 is incorrect. Scorpene class submarines typically have a limited range, suited for operations in coastal and nearby open waters. Their weapons are designed for shorter-range engagements. Cruise Missile Submarines are designed for long-range strikes.

Source: [ForumIAS](#)

Q.2) With reference to different payloads of Chandrayaan-3, consider the following statements:

1. Chandra's Surface Thermophysical Experiment (ChaSTE) aims to estimate the plasma density and its variations of the lunar surface.
2. Instrument for Lunar Seismic Activity (ILSA) will measure the thermal conductivity and temperature on the lunar surface.

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. Chandra's Surface Thermophysical Experiment (ChaSTE) aims to measure the thermal conductivity and temperature on the lunar surface. Instrument for Lunar Seismic Activity (ILSA) will measure the seismicity around the landing site.

Source: [ForumIAS](#)

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

Q.3) Which of the following is the objective of MISHTI Scheme?

- a) The goal is to promote inclusivity in the pension system by ensuring a fair and accessible pension system to all elderly individuals.
- b) Its aim is to undertake comprehensive projects for the reforestation and afforestation of mangrove ecosystems along the coastal districts of India.
- c) Its aim is to promote the installation of solar panels in households by providing subsidies.
- d) Its objective is to revitalize rural public hospitals and improve their capabilities by augmenting the number of physicians and beds.

Answer: B

Explanation – Mangrove Initiative for Shoreline Habitats and Tangible Incomes (MISHTI) scheme was announced in the Budget 2023-24. Its objective is to take up mangrove reforestation and afforestation along the coastal districts of India by adopting best practices that already exist in India as well as from other countries including Indonesia.

Source: [ForumIAS](#)

Q.4) Consider the following statements with respect to handicrafts of India:

- 1. Namda art involves the creation of intricate and colorful decorative items using paper pulp.
- 2. The government has launched a project to revive the Namda craft under a Skill India's Pilot Project as part of the Pradhan Mantri Kaushal Vikas Yojana (PMKVY).

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. Namdas are felted woolen rugs crafted in Kashmir. They are made by compressing layers of wool fibers and then shaping them into various designs using hand tools. It is made of sheep wool through felting technique instead of the normal weaving process.

Statement 2 is correct. The government has launched a project to revive the Namda craft under a Skill India's Pilot Project as part of the Pradhan Mantri Kaushal Vikas Yojana (PMKVY).

Source: [ForumIAS](#)

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

Q.5) Consider the following statements:

1. The idea of Farmer Producer Organisations (FPO) was conceived by the Yogendra Alagh Committee.
2. Agriculture, animal husbandry and fisheries sectors are the backbone of the country's economy and strengthening them will strengthen the country's economy.
3. Over the past decade, there has been a significant reduction in the budgetary allocation for the agricultural sector.

How many of the above statements are correct?

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

Answer: B

Statements 1 and 2 are correct. The idea of Farmer Producer Organisations (FPO) was conceived by the Yogendra Alagh Committee in 2003. Agriculture, animal husbandry and fisheries sectors are the backbone of the country's economy and strengthening them will strengthen the country's economy.

Statement 3 is incorrect. The budget allocation for the agriculture sector has increased by 5.6 times. In 2013-14, the agriculture budget was Rs 21,000 crore, it has now increased to Rs 1.15 lakh crore in the year 2023-24.

Source: [ForumIAS](#)

Q.6) With reference to Vector Borne Diseases, consider the following statements:

1. These are illnesses caused by pathogens such as viruses, bacteria, or parasites that are transmitted to humans or animals through the bite of infected vectors.
2. The burden of these diseases is highest in tropical and subtropical areas.
3. Vector Borne Diseases can also occur through the environmental exposure.

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. Vector Borne Diseases are illnesses caused by pathogens such as viruses, bacteria, or parasites that are transmitted to humans or animals through the bite of infected vectors. The burden of these diseases is highest in tropical and subtropical areas, and they disproportionately affect the poorest populations.

Statement 3 is incorrect. Vector Borne Diseases cannot occur through the environmental exposure because there is a need for vector such as mosquitoes, ticks, fleas, or flies for the occurrence of the Vector Borne Diseases.

Source: [ForumIAS](#)

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

Q.7) With reference to the Export Preparedness Index (EPI) consider the following statements:

1. The index is released by Nity Aayog.
2. Business Ecosystem is one of the pillars used in the index to assess the performance of states and UTs.

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. EPI is released by Nity Aayog. The index assesses the performance of the States and UTs across four pillars: Policy Pillar, Business Ecosystem, Export Ecosystem and Export Performance.

Source: [ForumIAS](#)

Q.8) Consider the following statements:

1. India heavily relies on imported energy, particularly oil and gas.
2. Renewable energy deployment has increased significantly in India.
3. Natural gas accounts for approximately 15.5% of India's overall energy consumption, significantly higher the global average.

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 heavily relies on imported energy, particularly oil and gas. Renewable energy deployment has increased significantly in India.

Statement 3 is incorrect. Natural gas accounts for approximately 6-7% of India's overall energy consumption, far less than the worldwide average of 25%.

Source: [ForumIAS](#)

Q.9) Consider the following statements:

1. Apollo 11 was the first manned moon mission.
2. Change's 3 was world's first spacecraft to soft land on moon.
3. South Korea has also made attempts for soft landing on 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 –

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

Statement 1 and 3 are correct. Apollo 11 was the first manned moon mission. South Korea, Japan, EU, UAE, Israel and Luxembourg have made attempts for landing on moon.

Statement 2 is incorrect. Luna 2 was first space craft that hard landed on moon whereas Lunc 9 was the first spacecraft that soft-landed on moon. These both belonged to Soviet Union.

Source: [The Times of India](#)

Q.10) With reference to Guillain-Barré Syndrome, consider the following statements:

1. It is a rare neurological disorder where the body's immune system which normally protects it from infections and other foreign bodies mistakenly attacks its own peripheral nerve cells.
2. Acute motor axonal neuropathy, a type of Guillain-Barré Syndrome, is the most common form found in North America and Europe.

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. Guillain-Barré Syndrome is a rare neurological disorder where the body's immune system which normally protects it from infections and other foreign bodies mistakenly attacks its own peripheral nerve cells.

Statement 2 is incorrect. Acute motor axonal neuropathy, a type of Guillain-Barré Syndrome, is the most common form found in China, Japan, and Mexico.

Source: [ForumIAS](#)

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

PRELIMS

Q.1) With reference to Bharat New Car Assessment Programme (NCAP) consider the following statements:

1. As part of the programme, cars will be crash-tested and given points which in turn would translate into stars.
2. Bharat NCAP is mandatory for all car makers.
3. Implementing Bharat NCAP will bring India at par with other parts of the world like the US.

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: C

Explanation –

Statements 1 and 3 are correct. As part of the Bharat NCAP, cars will be crash-tested and given points which in turn would translate into stars. Implementing Bharat NCAP will bring India at par with other parts of the world like the US.

Statement 2 is incorrect. Bharat NCAP will be rolled out from 1 October but it will be voluntary, so cars will only be tested at the request of makers.

Source: [ForumIAS](#)

Q.2) Consider the following statements:

1. Lightning is not categorized as a Natural Disaster in India.
2. India does not have an early warning system for lightning.
3. The frequency of lightning was the highest in northeastern States in 2021.

Which of the statements given above is/are correct?

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

Answer: B

Explanation –

Statements 1 and 3 are correct. Lightning is not categorized as a Natural Disaster in India. The frequency of lightning was the highest in northeastern States and in West Bengal, Sikkim, Jharkhand, Odisha and Bihar in 2021.

Statement 2 is incorrect. India is among only five countries in the world that has an early warning system for lightning — the forecast is available from five days to up to three hours.

Source: [ForumIAS](#)

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

Q.3) With reference to Standing Committee on Statistics (SCoS) consider the following statements:

1. Its mandate is to advise the Ministry of Statistics and Programme Implementation (MoSPI) on technical aspects for all surveys, such as sampling, design, survey methodology and finalization of results.
2. The committee has 10 official members and four non-official members who are eminent academics.

Select the correct statements using the codes given below:

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

Answer: C

Explanation –

Statements 1 and 2 are correct. The MoSPI has replaced the Standing Committee on Economic Statistics (SCES) with a Standing Committee on Statistics (SCoS). Its mandate is to advise the Ministry of Statistics and Programme Implementation (MoSPI) on technical aspects for all surveys, such as sampling, design, survey methodology and finalization of results. The committee has 10 official members and four non-official members who are eminent academics. It can have up to 16 members.

Source: [ForumIAS](#)

Q.4) Consider the following statements:

1. Cloud storage is a physical storage solution that stores individual's data on individual servers located in their local areas.
2. The onus of ensuring data security lies with the companies providing the cloud storage.
3. Cloud storage services often have built-in backup and recovery mechanisms.

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. Cloud storage refers to a service that allows you to store and access data over the internet on remote servers rather than on your local computer or storage device.

Statements 2 and 3 are correct. The onus of ensuring data security lies with the companies providing the cloud storage. Cloud storage services often have built-in backup and recovery mechanisms.

Source: [ForumIAS](#)

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

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

1. It is the only ape found in India.
2. In India, they are confined to the Western Ghats.
3. They are famous for their loud holou calls and duets which both male and female of a group indulge in.
4. They face threat primarily from the felling of trees for infrastructure Projects.

How many of the above statements are correct?

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

Answer: C

Explanation –

Statements 1, 3 and 4 are correct. Hoolock Gibbon is the only ape found in India. They are famous for their loud holou calls and duets which both male and female of a group indulge in. They face threat primarily from the felling of trees for infrastructure Projects.

Statement 2 is incorrect. In India, they are confined to the seven states of northeast India with Brahmaputra as the distribution boundary. They form an arboreal species and prefer to live in canopies of the evergreen forests in northeast India.

Source: [ForumIAS](#)

Q.6) Consider the following statements:

1. Indonesia has emerged as India's largest trading partner in the ASEAN region.
2. India – Indonesia Economic and Financial Dialogue (EFD) aims to enhance collaboration on bilateral and international economic and financial matters by bringing together economic policymakers and financial regulators from both 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: C

Explanation –

Statements 1 and 2 are correct. Indonesia has emerged as India's largest trading partner in the ASEAN region, with our trade seeing an eightfold increase since 2005, reaching an impressive \$38 billion in FY 2022-23. India – Indonesia Economic and Financial Dialogue (EFD) aims to enhance collaboration on bilateral and international economic and financial matters by bringing together economic policymakers and financial regulators from both countries.

Source: [ForumIAS](#)

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

Q.7) With reference to Western Ghats Spatial Decision Support System (WGSDSS) consider the following statements:

1. The objective of the system is to identify suitable regions within the ghats that can be utilized for industrial development projects while ensuring the preservation of the natural ecosystem.
2. It has been launched by the Indian Institute of Science's Energy and Wetlands Research Group.

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. WGSDSS is a web portal that has been designed as part of the ongoing ecological research in the Western Ghats. The portal is meant to provide information/changes occurring in the western ghats as a consequence of climate change or human interventions.

Statement 2 is correct. WGSDSS has been launched by the Indian Institute of Science's Energy and Wetlands Research Group.

Source: [ForumIAS](#)

Q.8) Consider the following statements:

1. Perovskite materials are primarily used in the field of agriculture for crop fertilization.
2. Perovskite Solar Cells (PSC) offer a promising alternative to traditional silicon solar cells as they have higher efficiencies and very low production costs.

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. Perovskite refers to a class of materials that have a specific crystal structure named after the mineral perovskite. Perovskite materials have gained significant attention and research interest in recent years, particularly in the field of optoelectronics and photovoltaics. They have demonstrated exceptional properties for applications in solar cells, light-emitting diodes (LEDs), photodetectors, and other electronic devices.

Statement 2 is correct. PSC offer a promising alternative to traditional silicon solar cells as they have higher efficiencies and very low production costs.

Source: [ForumIAS](#)

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

Q.9) Consider the following statements:

1. The degrees of axial tilt of the moon with the sun is same as the Earth's axial tilt.
2. The surface in the equatorial region of the moon is relatively even, with fewer steep slopes, hills, or craters compared to its polar region.
3. In certain parts of the lunar polar regions, there is no sunlight.

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: C

Explanation –

Statement 1 is incorrect. Unlike Earth, which has a tilt of 23.5 degrees, the Moon's axis tilts only 1.5 degrees.

Statements 2 and 3 are correct. The surface in the equatorial region of the moon is relatively even, with fewer steep slopes, hills, or craters compared to its polar region. In certain parts of the lunar polar regions, there is no sunlight.

Source: [DNA](#)

Q.10) With reference to the Colombo Security Conclave (CSC) consider the following statements:

1. Its aim is to establish a forum that fosters enhanced collaboration in maritime security and tackles various issues including narco-trafficking, human trafficking, piracy, terrorism, and extremism.
2. India is one of the members of conclave.

Select the correct statements using the codes given below:

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

Answer: C

Explanation –

Statements 1 and 2 are correct. The aim of CSC is to establish a forum that fosters enhanced collaboration in maritime security and tackles various issues including narco-trafficking, human trafficking, piracy, terrorism, and extremism. The members of CSC are – India, Sri Lanka, Maldives, and Mauritius while observer states are Bangladesh and Seychelles.

Source: [ORF](#)

PRELIMS

Q.1) Consider the following statements:

1. India is the world's second largest steel producer.
2. Indore became the first city in the country to get a processed steel slag road.
3. Steel slag road costs are cheaper than conventional making of roads.

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 second largest steel producer. Steel slag road costs are about 30% cheaper than conventional making of roads.

Statement 2 is incorrect. Surat became the first city in the country to get a processed steel slag road.

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

Q.2) With reference to the National Multidimensional Poverty Index 2023, consider the following statements:

1. It has been published by the Central Statistics Office (CSO).
2. As per the index, Uttar Pradesh has registered the largest decline in the number of poor.
3. As per the index, no other state in India has more than one-third of its population living in multidimensional poverty except Bihar.

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. National Multidimensional Poverty Index 2023 has been released by Niti Aayog.

Statements 2 and 3 are correct. As per the index, Uttar Pradesh has registered the largest decline in the number of poor. As per the index, no other state in India has more than one-third of its population living in multidimensional poverty except Bihar.

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

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

Q.3) With reference to Foreign Inward Remittance Certificate (FIRC) consider the following statements:

1. It is a document issued by the government of India to facilitate the transfer of funds from an Indian bank account to a foreign beneficiary.
2. It contains essential information such as the beneficiary's name, sender's details, the amount of remittance, purpose of remittance, and the date of the transaction.

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. FIRC is a document that acts as a testimonial for all the inward remittances entering India. It serves as evidence of money transferred from a foreign country to an individual or organization's bank account in India.

Statement 2 is correct. FIRC contains essential information such as the beneficiary's name, sender's details, the amount of remittance, purpose of remittance, and the date of the transaction.

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

Q.4) The Supreme Court has issued new guidelines on designating lawyers as Senior Advocates in the apex court. With reference to these guidelines, consider the following statements:

1. As per the guidelines, all matters relating to the designation of Senior Advocates in the Supreme Court of India shall be dealt by Chief Justice of India in consultation with the President of India.
2. The candidates need to be at least ten years' standing as an Advocate or ten years' combined standing as an Advocate and as a District and Sessions Judge or as a Judicial Member of any Tribunal in India to become eligible to be designated as the senior Advocate at the Supreme Court.

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. As per the guidelines, all matters relating to the designation of Senior Advocates in the Supreme Court of India shall be dealt with by a Permanent Committee. The committee will be composed of the following: (1) Chief Justice of India Chairperson (2) Two senior-most Judges of the Supreme Court of India (3) Attorney General for India (4) A member of the Bar, nominated by the Chairperson and Members.

Statement 2 is correct. The candidates need to be at least ten years' standing as an Advocate or ten years' combined standing as an Advocate and as a District and Sessions Judge or as a

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

Judicial Member of any Tribunal in India to be designated as Senior Advocates at the Supreme Court to become eligible to be designated as the senior Advocate.

Source: [ForumIAS](#)

Q.5) With reference to Crimean-Congo Hemorrhagic Fever (CCHF) consider the following statements:

1. It is a bacterial infection transmitted through contaminated food and water sources.
2. It can also be transmitted from one infected human to another.
3. It has a low fatality rate.
4. It is endemic in many parts of Africa.

How many of the above statements are correct?

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

Answer: B

Explanation –

Statements 1 and 3 are incorrect. CCHF is a viral haemorrhagic fever usually transmitted by ticks. It has a high fatality ratio.

Statements 2 and 4 are correct. CCHF can also be transmitted from one infected human to another by contact with infectious blood or body fluids such as sweat and saliva. It is endemic in many parts of Africa, Asia, the Middle East, and Europe.

Source: [ForumIAS](#)

Q.6) With reference to Electronic Bank Realization Certificate (e-BRC) consider the following statements:

1. The certificate is provided by banks to individuals who withdraw money from their personal accounts in order to take advantage of government's healthcare scheme benefits.
2. e-BRC is essential financial information and economic indicator source.

Select the correct statements using the codes given below:

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

Answer: B

Explanation –

Statement 1 is incorrect. e-BRC is a vital digital certificate for export businesses. A bank issues the e-BRC to confirm that the buyer made payment to the exporter against the export of services or goods.

Statement 2 is correct. It is initiative by the Directorate General of Foreign Trade (DGFT) to digitize and systematically record foreign trade transactions. Hence, e-BRC is essential financial information and economic indicator source.

Source: [ForumIAS](#)

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

Q.7) With reference to Comprehensive Economic Partnership Agreement (CEPA) between Indian and the UAE, consider the following statements:

1. It aims to facilitate higher investment flows for both countries, and ensure mutually beneficial and guarantee a maximum advantage in trade for both countries.
2. Service exports are a major component of the deal.
3. The CEPA enables companies in both countries to access government procurement.

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. CEPA aims to facilitate higher investment flows for both countries, and ensure mutually beneficial and guarantee a maximum advantage in trade for both countries. Service exports are a major component of the deal. The CEPA enables companies in both countries to access government procurement.

Source: [ForumIAS](#)

Q.8) “Local Currency Settlement System” was seen in the news recently, is associated with –

- a) Facilitating cross-border transactions between two countries by allowing the use of their respective domestic currencies.
- b) Strengthening the monetary policy tools employed by the Reserve Bank of India (RBI).
- c) Reducing the quantity of US dollars held in the foreign exchange reserves
- d) Establishing a strong and effective arbitration resolution mechanism within India.

Answer: A

Explanation – The Local Currency Settlement System (LCSS) is a framework that facilitates cross-border transactions between two nations, allowing the transactions to be conducted using their respective domestic currencies. Recently, India and the UAE have planned to come up with such system.

Source: [ForumIAS](#)

Q.9) With reference to the Small Modular Reactors (SMRs) Technology, consider the following statements:

1. SMRs are advanced nuclear reactors with a maximum capacity of 300 MW per unit.
2. These are bigger in size and have a higher power output compared to conventional reactors.
3. SMRs only need refueling every 3-7 years.

Which of the statements given above are correct?

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

Answer: C

Explanation –

Statements 1 and 3 are correct. SMRs are advanced nuclear reactors with a maximum capacity of 300 MW per unit. Unlike traditional reactors that require refueling every 1-2 years, SMRs only need refueling every 3-7 years.

Statement 2 is incorrect. SMRs are smaller in size and have a lower power output compared to conventional reactors.

Source: [ForumIAS](#)

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

PRELIMS

Q.1) Consider the following statements:

1. Income is one of the indicators used in calculating the National Multidimensional Poverty Index.
2. As per the National Multidimensional Poverty (MDP) 2023, southern states have witnessed a small reduction in poverty.

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. Niti Aayog's National Multidimensional Poverty Index is modeled on the Global Multidimensional Poverty Index. There are 12 indicators used under three dimensions: health, education and living standards.

Statement 2 is correct. As per the National Multidimensional Poverty (MDP) 2023, the southern states have witnessed a small reduction in poverty because they were already doing well.

Source: [ForumIAS](#)

Q.2) With reference to Mekong Ganga Cooperation (MGC) consider the following statements:

1. It is an initiative by India and five ASEAN countries.
2. The grouping was initially called Bodh Abhyasa Programme (BASP).
3. It is a trade bloc that restricts economic cooperation with countries outside the region.

Which of the statements given above is/are correct?

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

Answer: A

Explanation –

Statement 1 is correct. MGC is an initiative by India and five ASEAN countries, namely, Cambodia, Lao PDR, Myanmar, Thailand and Vietnam.

Statements 2 and 3 are incorrect. The grouping was initially called Ganga Suvarnabhumi Programme (GMSP). It aims to promote cultural, economic, and people-to-people exchanges and strengthen cooperation among the member countries.

Source: [ForumIAS](#)

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

Q.3) With reference to radio collars used for animals, consider the following statements:

1. With the help of Satellite Collar IDs, the wildlife officials can closely track animals' locations, activities and health.
2. The GPS used in the collars is different to that used in smartphones and other electronic devices.
3. These radio collars serve as a warning system for the animals, notifying them of potential adversaries.

How many of the statements given above are correct?

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

Answer: A

Explanation –

Statement 1 is correct. With the help of Satellite Collar IDs, the wildlife officials can closely track animals' location, travels, activities and health.

Statements 2 and 3 are incorrect. The GPS in the collars is similar to that used in smartphones and other electronic devices. Statement 3 is incorrect as there is no such system provided in collars.

Source: [ForumIAS](#)

Q.4) Consider the following statements:

1. The Hubble Constant represents the gravitational force exerted by the Hubble Space Telescope on celestial objects.
2. The value of the Hubble Constant has been a subject of scientific investigation and refinement over the years.
3. Gravitational lensing is one of the proposed methods used to measure Hubble Constant.

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 Hubble constant is a unit that describes how fast the universe is expanding at different distances from a particular point in space. It is a fundamental parameter in cosmology that represents the rate at which the universe is expanding.

Statements 2 and 3 are correct. The value of the Hubble Constant has been a subject of scientific investigation and refinement over the years. Gravitational lensing is one of the proposed methods used to measure Hubble Constant.

Source: [ForumIAS](#)

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

Q.5) With reference to Advance Authorisation Scheme, consider the following statements:

1. The scheme allows duty-free import of inputs for export purposes.
2. Directorate General of Foreign Trade (DGFT) is implementing the Advance Authorisation Scheme under the Foreign Trade Policy.

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. Advance Authorisation Scheme allows duty-free import of inputs for export purposes. DGFT is implementing the Advance Authorisation Scheme under the Foreign Trade Policy.

Source: [ForumIAS](#)

Q.6) With reference to “DPT3 Vaccine” consider the following statements:

1. As per the WHO, the coverage rate for DPT3 vaccine recovered to the pre-pandemic level in South-East Asia Region.
2. The DPT vaccine protects against Dengue, Polio, and Tuberculosis.

Select the correct statements using the codes given below:

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

Answer: A

Explanation –

Statement 1 is correct. As per the WHO, the coverage rate for DPT3 vaccine recovered to the pre-pandemic level in South-East Asia Region. As per the estimate, the coverage rate for DPT3 vaccine in India rose to an all-time high of 93% in 2022. This has surpassed the previous pre-pandemic best of 91% recorded in 2019.

Statement 2 is incorrect. The DPT vaccine protects against three different infectious diseases, namely, Diphtheria, Pertussis (whooping cough), and Tetanus.

Source: [ForumIAS](#)

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

Q.7) With reference to the Export Preparedness Index (EPI) 2022, consider the following statements:

1. Haryana topped the index among the landlocked regions.
2. The index has been released by the Reserve Bank of India (RBI).
3. The index aims to undertake a comprehensive analysis of States and UTs across export-related parameters in order to identify their strengths and weaknesses.

Which of the statements given above is/are correct?

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

Answer: C

Explanation –

Statements 1 and 3 are correct. Haryana has topped the index among the landlocked regions. The index aims to undertake a comprehensive analysis of States and UTs across export-related parameters in order to identify their strengths and weaknesses.

Statement 2 is incorrect. The index has been released by Niti Aayog.

Source: [ForumIAS](#)

Q.8) Which of the following is connected by the Bosphorus Strait?

- a) the Black Sea and the Sea of Marmara
- b) the Andaman Sea and the South China Sea
- c) the Arctic Ocean and the North Atlantic Ocean
- d) the Sea of Japan and the Pacific Ocean

Answer: A

Explanation –The Bosphorus Strait, also known as the Istanbul Strait, is a narrow waterway in Turkey that connects the Black Sea to the Sea of Marmara.

Source: [ForumIAS](#)

Q.9) With reference to Genetically modified (GM) crops, consider the following statements:

1. GM crops are a major cause of environmental pollution and are responsible for the decline in bee populations worldwide.
2. India does not yet have a well-established regulatory framework in place to control and supervise the introduction and cultivation of GM crops.
3. Golden rice is a type of GM crop.

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. While there are environmental risks associated with GM crops, GM crops are not a major cause of environmental pollution. There is also no scientific evidence to prove that GM crops are responsible for the decline in bee populations worldwide.

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

India has a well-established regulatory framework in place to control and supervise the introduction and cultivation of GM crops, e.g., The Genetic Engineering Appraisal Committee (GEAC), ICAR and various other rules and regulations are already in place.

Statement 3 is correct. In some parts of Asia, a genetically modified version of rice known as Golden Rice has been developed. This rice is modified to produce beta-carotene, a precursor of vitamin A, in the edible parts of the rice plant. This is intended to combat vitamin A deficiency.

Source: [ForumIAS](#)

Q.10) Consider the following statements:

1. Prisoners are not entitled to the right to privacy guaranteed by Article 21, as they have been convicted under the law.
2. Uttar Pradesh is the first state to use drones in prisons in India.

Select the correct statements using the codes given below:

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

Answer: B

Explanation –

Statement 1 is incorrect. The right to privacy guaranteed by Article 21 is available to prisoners also.

Statement 2 is correct. Uttar Pradesh is the first state to use drones in prisons in India.

Source: [LiveLaw](#)

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

PRELIMS

Q.1) Consider the following statements:

1. Henley Openness Index is a global ranking that measures the strength and travel freedom of passports from various countries.
2. India was ranked 94 out of a total of 97 ranks in Henley Openness Index 2023.

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. Henley Openness Index measures how many nations allow visa-free access to.

Statement 2 is correct. India was ranked 94 out of a total of 97 ranks in Henley Openness Index 2023.

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

Q.2) Consider the following statements:

1. Only 2% of nursing colleges are in the northeastern States.
2. There are no nursing colleges in 40 percent of districts across India.
3. The nurse-to-population ratio in India is at par with the global average.

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. Only 2% of nursing colleges are in the northeastern States. There are no nursing colleges in 40 percent of districts across India.

Statement 3 is incorrect. India currently has close to 35 lakh nurses, but its nurse-to-population ratio is only 2.06:1000 against a global benchmark of 3:1000.

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

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

Q.3) With reference to CU- Chayan portal, consider the following statements:

1. It is an online portal launched by the central government to streamline the process of selecting government employees through inter departmental exams.
2. The portal provides a common platform for listing vacancies/advertisements for the vacant positions in the various government departments.

Select the correct statement using the codes given below:

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

Answer: D

Explanation –

Statements 1 and 2 are incorrect. CU- Chayan portal has been launched by University Grants Commission (UGC). It is a unified recruitment portal designed and developed specifically for faculty recruitment in Central Universities. The portal provides a common platform for listing vacancies/advertisements/ faculty positions across all Universities. The Portal makes the recruitment process entirely online, from application to screening with alerts to all the portal users.

Source: [ForumIAS](#)

Q.4) Tankai method was seen in the news recently is associated with –

- a) Harvesting genetically modified crops
- b) Investments in infrastructure and public projects to stimulate economic growth
- c) Shipbuilding
- d) Organic farming

Answer: C

Explanation – The Tankai method is a 2000-year-old technique of shipbuilding. It is also known as 'stitched shipbuilding method'. Recently, The Ministry of Culture and Indian Navy have entered into a Memorandum of Understanding (MoU) to revive and preserve the 2000-year-old technique of shipbuilding known as the Tankai method.

Source: [ForumIAS](#)

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

1. It is a perennial river.
2. It originates in the northern slopes of the Kailash Range in Tibet.
3. Kaushalya is one of the tributaries of Ghaggar River.

Which of the statements given above is/are correct?

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

Answer: D

Explanation –

Statements 1 and 2 are incorrect. Ghaggar River also known as Ghaggar-Hakra River, is an intermittent river in India and Pakistan that flows only during the monsoon season. It originates

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

in the village of Dagshai in the Shivalik Hills of Himachal Pradesh and flows through Punjab, Haryana and Rajasthan.

Statement 3 is correct. The main tributaries of the Ghaggar are the Kaushalya, Tangri, Markanda, Beghna and Sukhna and Chautang.

Source: [ForumIAS](#)

Q.6) Consider the following statements with reference to Rudragiri Hillock:

1. It is located in Andhra Pradesh.
2. It features a unique combination of prehistoric rock paintings from the Mesolithic period and exquisite artwork from the Kakatiya dynasty.

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. Rudragiri Hillock is located in Guntur district of Andhra Pradesh. It is located in the Eastern Ghats and has five naturally formed rock shelters at its foothills that face westward. It features a unique combination of prehistoric rock paintings from the Mesolithic period and exquisite artwork from the Kakatiya dynasty, dating back to around 1300 AD.

Source: [ForumIAS](#)

Q.7) With reference to North Atlantic Treaty Organization (NATO) consider the following statements:

1. NATO is an alliance primarily focused on fostering military aggression and domination in the international arena.
2. The key principle of NATO is enshrined in Article 5 of the North Atlantic Treaty.
3. It was established during the Cold War in response to the threat posed by the Soviet Union.

Which of the statements given above is/are correct?

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

Answer: B

Explanation –

Statement 1 is incorrect. NATO is an intergovernmental military alliance formed to ensure collective defense and security among its member countries.

Statements 2 and 3 are correct. The key principle of NATO is enshrined in Article 5 of the North Atlantic Treaty. NATO was established during the Cold War in response to the threat posed by the Soviet Union.

Source: [ForumIAS](#)

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

Q.8) Consider the following statements:

1. Tomatoes are grown only as kharif crops.
2. During the summer, Andhra Pradesh's Madanapalle area alone accounts for all tomato production in the country.
3. High seasonal price volatility of tomatoes may have impact on the overall Consumer Price Index (CPI).

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. Tomatoes are grown both as rabi and kharif crops.

Statements 2 and 3 are correct. During the summer, Andhra Pradesh's Madanapalle area alone accounts for all tomato production in the country. High seasonal price volatility of tomatoes may have impact on the overall Consumer Price Index (CPI).

Source: [ForumIAS](#)

Q.9) With reference to National Research Foundation (NRF) consider the following statements:

1. The NRF funds technological research.
2. Academics from both public and private universities are eligible for NRF funding.

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 NRF funds scientific research rather than technological research

Statement 2 is correct. Academics from both public and private universities are eligible for NRF funding.

Source: [ForumIAS](#)

Q.10) Consider the following statements:

1. India ranks as the third-largest carbon emitter worldwide.
2. Chemical fertilisers contribute to greenhouse gases, especially ammonia and nitrogen dioxide.
3. Rice cultivation contributes 10% of global methane emissions.

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. India ranks as the third-largest carbon emitter worldwide. Per capita emissions in India are one-fifth the global average. Chemical fertilisers contribute to greenhouse gases, especially ammonia and nitrogen dioxide. Rice cultivation contributes 10% of global methane emissions. **Source:** [ForumIAS](#)

PRELIMS

Q.1) Consider the following statements:

1. Isthmus of Potidea connects the Crimean Peninsula with Ukraine.
2. The Kerch Bridge links the Russian mainland to the Crimean Peninsula in the Black Sea.
3. Kerch Strait connects the Black Sea and the Sea of Azov.

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 Isthmus of Perekop connects the Crimean Peninsula to Kherson Oblast in mainland Ukraine.

Statements 2 and 3 are correct. The Kerch Bridge links the Russian mainland to the Crimean Peninsula in the Black Sea. Kerch Strait connects the Black Sea and the Sea of Azov.

Source: [ForumIAS](#)

Q.2) With reference to Desiccation-tolerant vascular plants, consider the following statements:

1. Desiccation-tolerant vascular plants are a type of aquatic plants that thrive in waterlogged environments.
2. These plants are found in both temperate and tropical climates.
3. India is the only country in the tropical region where Desiccation-tolerant vascular plants are not found.

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. Desiccation-tolerant vascular (DT) plants are those plant species that are able to withstand extreme dehydration. They can lose up to 95% of their water content and can revive themselves once water is available again. A study has recently found 62 desiccation-tolerant vascular plant species in Western Ghats. Of these, 16 are endemic to India while 12 are exclusive to Western Ghats outcrops.

Statement 2 is correct. These plants are found in both flowering and non-flowering species and in both temperate and tropical climates.

Source: [ForumIAS](#)

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

Q.3) Consider the following statements:

1. Zombie fires are wildfires that occur due to a viral outbreak, causing plants and trees to catch fire and spread uncontrollably.
2. Arctic amplification is a process in which the Arctic region experiences less warming compared to the rest of the Earth's surface due to the presence of ice and snow.

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. Zombie fires, also known as holdover fires or overwintering fires, refer to wildfires that persist underground or in smoldering peat layers during the winter or dormant period. These fires can reignite on the surface during the following spring or summer when the conditions become favorable. Arctic amplification refers to the phenomenon where the Arctic region experiences more significant warming compared to the rest of the Earth's surface.

Source: [ForumIAS](#)

Q 4. With reference to Heath Index, consider the following statements:

1. The Heat Index is a measure used to determine the humidity level in the atmosphere and its impact on the actual air temperature.
2. The Heat Index is typically higher than the actual air temperature.

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 Heat Index, also known as the "apparent temperature" or "feels-like temperature," is a measure used to determine how hot it feels to the human body in relation to the actual air temperature. It takes into account the combined effects of air temperature and relative humidity.

Statement 2 is correct. The Heat Index is typically higher than the actual air temperature, especially in areas with high humidity levels. For example, on a hot and humid day, an air temperature of 32°C with high humidity might have a Heat Index of 38°C or more.

Source: [ForumIAS](#)

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

Q.5) With reference to India Energy Security Scenarios (IESS) 2047, consider the following statements:

1. IESS is user-friendly interactive tool that can help ministries/departments to develop a variety of energy transition scenarios to achieve net-zero.
2. IESS will also be tasked with devising strategies to increase energy generation from coal-based power plants in response to the growing demand.

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. IESS is an open-source web-based tool launched by Niti Aayog. Its purpose is to assess the integrated impact of various green energy policies of the Government of India. It is user-friendly interactive tool that can help ministries/departments to develop a variety of energy transition scenarios to achieve net-zero.

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

Source: [ForumIAS](#)

Q.6) With reference to Kuno National Park, consider the following statements:

1. Dry deciduous forest ecosystem is found in the Kuno National Park.
2. The park is situated in the Satpura range.
3. The park derives its name from Kuno River.

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. Dry deciduous forest ecosystem is found in the Kuno National Park. The park derives its name from Kuno River.

Statement 2 is incorrect. Kuno National Park is situated in the Vindhya Range.

Source: [ForumIAS](#)

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

Q.7) With reference to Rajasthan Minimum Guaranteed Income Bill 2023, consider the following statements:

1. The bill aims to cover the entire adult population of the state with guaranteed wages or pension.
2. Government will provide eligible categories such as aged, disabled, widows, and single women with a minimum pension of Rs 1,000 per month.

Select the correct statements using the codes given below:

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

Answer: C

Explanation –

Statements 1 and 2 are correct. The bill aims to cover the entire adult population of the state with guaranteed wages or pension. Government will provide eligible categories such as aged, disabled, widows, and single women with a minimum pension of Rs 1,000 per month.

Source: [ForumIAS](#)

Q.8) With reference to High seas, consider the following statements:

1. The high seas make up 95% of the sea's volume.
2. The high seas are not subject to the jurisdiction of any individual nation.
3. The high seas are controlled by the United Nations, which allocates fishing rights and resource extraction permits to individual countries based on their economic contributions to the organization.

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 high seas make up 95% of the sea's volume. The high seas are not subject to the jurisdiction of any individual nation. They are considered part of the common heritage of humanity.

Statement 3 is incorrect. The high seas are considered international waters and are not owned or controlled by any single entity, including the United Nations. The United Nations, through conventions like UNCLOS (United Nations Convention on the Law of the Sea), provides a framework for the management and conservation of marine resources, but it does not allocate fishing rights or resource extraction permits based on countries' economic contributions.

Source: [ForumIAS](#)

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

Q.9) With reference to Ayushman Bharat programme, consider the following statements:

1. It provides free medical treatment to all Indian citizens, encompassing a wide variety of medical services such as surgeries, diagnostics, and long-term therapies, with no restrictions on income or economic status.
2. There are no restrictions on family size, age or gender for availing the benefits of the scheme.
3. The scheme is portable and beneficiaries can avail treatment at empaneled hospitals in any part of the country, regardless of their home state.

Which of the statements given above is/are correct?

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

Answer: C

Explanation –

Statement 1 is incorrect. The Ayushman Bharat Yojana was established to give medical assistance to the underprivileged sections of society. It covers around 10 crore families identified as deprived and vulnerable based on the Socio-Economic Caste Census (SECC) data.

Statements 2 and 3 are correct. There are no restrictions on family size, age or gender for availing the benefits of the scheme. The scheme is portable and beneficiaries can avail treatment at empaneled hospitals in any part of the country, regardless of their home state.

Source: [ForumIAS](#)

Q.10) Consider the following statements:

1. Man-made flash flooding is caused by dams holding massive volumes of water and then releasing it downstream.
2. Delimitation is the process of creating new electoral boundaries to improve the efficiency of government services and distribution of resources in different regions.

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. Man-made flash flooding is caused by dams holding massive volumes of water and then releasing it downstream.

Statement 2 is incorrect. Delimitation is the process of redrawing the boundaries of Lok Sabha and State Assembly constituencies to ensure nearly equal representation of voters in each seat.

Source: [ForumIAS](#)