

10 PM Current Affairs Quiz Compilation

10th to 15th July, 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 July [Second Week] 2023

PRELIMS

Q.1) With reference to Farmers Distress Index, consider the following statements:

1. The index aims at to minimize the agrarian distress in the form of crop loss/ failure and income shock.
2. The index also serves the purpose of providing financial assistance to farmers as a form of relief during income shocks.
3. The index has been developed by Central Research Institute for Dryland Agriculture (CRIDA).

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. Farmers Distress Index aims at to minimize the agrarian distress in the form of crop loss/ failure and income shock. Central Research Institute for Dryland Agriculture (CRIDA), an institution under the Indian Council of Agricultural Research (ICAR) has developed the farmers distress index.

Statement 2 is incorrect. The index will help in anticipating agrarian distress and prevent its spread from a few farmers to the village or block level by pre-warning different stakeholders, including central, state, local and also non-government agencies about the future occurrence of farmers distress in a particular block / district so that they can take timely preventive measures.

Source: [ForumIAS](#)

Q.2) With reference to the Global Survey on Digital and Sustainable Trade Facilitation 2023, consider the following statements:

1. As per the survey, India is the best performing country amongst all the countries of the South Asia region.
2. In the survey, India has attained a perfect score of 100% in the formality parameter.
3. The survey has been released by United Nations Economic and Social Commission for Asia Pacific's (UNESCAP).
4. It is a perception-based survey.

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. As per the survey, India is the best performing country amongst all the countries of the South Asia region. In the survey, India has attained a perfect score of 100% in the formality parameter. The survey has been released by United Nations Economic and Social Commission for Asia Pacific's (UNESCAP).

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Statement 4 is incorrect. The survey is fact-based rather than perception-based. A three-step approach to data collection and validation is generally followed, implemented over 6-month period every 2 years.

Source: [ForumIAS](#)

Q.3) Consider the following statements:

1. Microplastics are only generated from primary sources whereas nano-plastics are only generated from secondary sources.
2. Nano-plastics have the potential to penetrate cells and tissues.

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. Micro- and nanoplastics are generated from both primary and secondary sources.

Statement 2 is correct. Nano-plastics have the potential to penetrate cells and tissues.

Source: [ForumIAS](#)

Q.4) With reference to the Gravity Holes (Gravitational Anomaly) consider the following statements:

1. Gravity Holes occur when the gravitational field in a region behaves as predicted by Newton's laws of gravity.
2. Gravitational anomalies can be caused by geological features like mountains, valleys, or underground reservoirs.
3. One of the largest gravitational anomalies is located in the Indian Ocean.

Which of the statements given above are correct?

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

Answer: B

Explanation –

Statement 1 is incorrect. A gravitational anomaly refers to a deviation or discrepancy from the expected gravitational field in a particular region. In normal circumstances, the gravitational field follows predictable patterns based on the distribution of mass in the vicinity. However, a gravitational anomaly occurs when there is an unexpected variation in the strength or direction of the gravitational force.

Statement 2 and 3 are correct. Gravitational anomalies can be caused by geological features like mountains, valleys, or underground reservoirs. The Indian Ocean is home to one of the giant gravity holes known as the Indian Ocean Geoid Low (IOGL).

Source: [ForumIAS](#)

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Q.5) With reference to the Performance Grading Index, consider the following statements:

1. It is prepared by the Department of School Education & Literacy.
2. It assesses the performance of the children studying in schools.

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. Performance Grading Index is prepared by the Department of School Education & Literacy.

Statement 2 is incorrect. The index assesses the performance of the school education system at the State/UT level by creating an index.

Source: [ForumIAS](#)

Q.6) Which of the following may be the impact of implementing a Uniform Civil Code?

1. It will reduce social inequalities and discrimination.
2. It will promote gender inequality.
3. It will encourage national integration.

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 – Implementing Uniform Civil Code (UCC) will reduce social inequalities and discrimination, promote gender equality and encourage national integration.

Source: [ForumIAS](#)

Q.7) Consider the following statements:

1. Around 40-50% of the internet shutdowns are implemented due to communal tensions in India.
2. Article 19 of the Indian Constitution specifically deals with the matter of Internet shutdowns.
3. Healthcare services can be affected due to the internet shutdowns.

How many of the above statements given above are correct?

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

Answer: B

Explanation –

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Statements 1 and 3 are correct. Around 40-50% of the internet shutdowns are implemented due to communal tensions in India. Healthcare services can be affected due to the internet shutdowns.

Statement 2 is incorrect. India's Constitution does not directly address the issue of Internet shutdowns, but various provisions indirectly relate to it and have been interpreted by the judiciary in several important rulings.

Source: [ForumIAS](#)

Q.8) With reference to the recent discoveries made regarding flora found in India, consider the following statements:

1. Nandadevia Pusalkar is endemic to the southern Western Ghats of India and distributed in Karnataka, Kerala, and Tamil Nadu.
2. Calanthe lamellose is common throughout the foothills and warm outer valleys of the Uttarakhand Himalayas.

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. Nandadevia Pusalkar is common throughout the foothills and warm outer valleys of the Uttarakhand Himalayas. Calanthe lamellosa is an orchid species. It was earlier recorded in China and Myanmar, and found for the first time in India in the Japfu mountain range in Kohima, Nagaland.

Source: [ForumIAS](#)

Q.9) With reference to the Launch Vehicle Mark-III (LVM3) consider the following statements:

1. It is a four-stage launch vehicle developed by the Indian Space Research Organisation (ISRO).
2. The vehicle carried Chandrayaan-2.
3. It is India's heaviest rocket.

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. LVM3 is a three-stage launch vehicle developed by the Indian Space Research Organisation (ISRO).

Statements 2 and 3 are correct. LVM3 carried Chandrayaan-2 and now it is carrying Chandrayaan-3. LVM3 is India's heaviest rocket with a gross lift-off weight of 640 tonnes.

Source: [ForumIAS](#)

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Q.10) With reference to the Global Peace Index (GPI) 2023 consider the following statements:

1. The index is released by the Institute for Economics and Peace (IEP).
2. As per the index, Iceland is the most peaceful country in the world.

Select the correct statements using the codes given below:

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

Answer: C

Explanation –

Statements 1 and 2 are correct. Global Peace Index is released by the Institute for Economics and Peace (IEP). As per the index, Iceland is the most peaceful country in the world.

Source: [ForumIAS](#)

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PRELIMS

Q.1) Sariska Tiger Reserve is located at –

- a) Madhya Pradesh
- b) Rajasthan
- c) Odisha
- d) Uttarakhand

Answer: B

Explanation –Sariska Tiger Reserve is a tiger reserve in Alwar district, Rajasthan, India.

Source: [The Times of India](#)

Q.2) Consider the following statements:

- 1. India had the highest number of road deaths in 2021.
- 2. The Indian government has committed to cut road deaths by half by 2030.
- 3. electronic detailed accident report (eDAR) application will be embedded in the vehicles by 2030 to prevent road accidents.

Which of the statements given above are correct?

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

Answer: A

Explanation –

Statements 1 and 2 are correct. India had the highest number of road deaths in 2021, which is 11% of all road fatalities across the globe. The government has committed to cut road deaths by half by 2030.

Statement 3 is incorrect. eDAR app provides details of total crashes, persons and vehicles involved and time and causes of the accident such as speeding, drowsiness. It is an app used by all states and UTs for recording road crashes.

Source: [The Times of India](#)

Q.3) Consider the following statements:

- 1. Virtual Court is a concept aimed at eliminating presence of litigant or lawyer in the court and adjudication of the case online.
- 2. In a virtual court, only judges have to be present in the physical form.
- 3. At present, virtual courts in India only handle traffic challans.

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 –

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Statements 1 and 3 are correct. Virtual Court is a concept aimed at eliminating presence of litigant or lawyer in the court and adjudication of the case online. At present, virtual courts in India only handle traffic challans. However, law ministry is considering to expand the jurisdiction of the virtual court.

Statement 2 is incorrect. In a virtual court, neither litigant need to come to court nor judge will have to physically preside over the court.

Source: [The Times of India](#)

Q.4) Consider the following statements:

1. The rise of Himalayas and Tibetan plateau plays a significant role in shaping the evolution of the Indian monsoon.
2. An increase in high-latitude ice volume strengthens the Indian monsoon.
3. Aerosol forcing has decreased the strength of monsoon in recent years.

Which of the statements given above is/are correct?

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

Answer: B

Explanation –

Statements 1 and 3 are correct. The rise of Himalayas and Tibetan plateau plays a significant role in shaping the evolution of the Indian monsoon because they determine largely where the locus of heating is in summer, which drives low pressure over India and pulls in moisture from the ocean. Aerosol forcing has decreased the strength of monsoon in recent years.

Statement 2 is incorrect. There is a relationship between high-latitude ice volume and the strength of the monsoon. When high-latitude ice volume is high, it tends to weaken the monsoon, whereas low ice volume tends to strengthen it.

Source: [The Times of India](#)

Q.5) With reference to the Indian Ocean Dipole (IOD) consider the following statements:

1. The IOD Index is measured by differences in sea surface temperature anomaly between the western equatorial and south-eastern equatorial portions of the Indian Ocean.
2. During a positive IOD phase, India receives lesser rainfall.

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 IOD Index is measured by differences in sea surface temperature anomaly between the western equatorial and south-eastern equatorial portions of the Indian Ocean.

Statement 2 is incorrect. During a positive IOD phase, India receives more rain whereas a negative IOD phase usually offers less.

Source: [The Times of India](#)

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Q.6) With reference to the Aspirational District Programme (ADP) consider the following statements:

1. It is an initiative that seeks to foster high-end lifestyles and provide exclusive privileges in selected affluent districts throughout India.
2. The districts under the programme were chosen by senior official of the union government in consultation with state officials.
3. The ADP primarily aims to localize the Sustainable Development Goals (SDGs), which in turn contributes to the overall progress of the nation.

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 Aspirational District Programme is an initiative launched by the Government of India in January 2018. Its primary objective is to accelerate the development of socio-economic indicators in selected underdeveloped districts across the country.

Statements 2 and 3 are correct. The districts under the ADP were chosen by senior official of the union government in consultation with state officials. The ADP primarily aims to localize the Sustainable Development Goals (SDGs), which in turn contributes to the overall progress of the nation.

Source: [The Times of India](#)

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

1. Nari Adalats are being set up at the village level as an alternate dispute resolution forum for resolving issues like domestic violence, property rights and countering the patriarchal system.
2. It will raise awareness about social schemes under the government while collecting valuable feedback to enhance the effectiveness of these initiatives.
3. The Nari Adalat will not hold any legal status.
4. All members of Nari Adalat will comprise the elected members of the gram panchayat.

How many of the statements given above are correct?

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

Answer: C

Explanation –

Statements 1, 2 and 3 are correct. Nari Adalats are being set up at the village level as an alternate dispute resolution forum for resolving issues like domestic violence, property rights and countering the patriarchal system. It will raise awareness about social schemes under the government while collecting valuable feedback to enhance the effectiveness of these initiatives. The Nari Adalat will not hold any legal status as its primary focus will be on reconciliation, grievance redressal and creating awareness of rights and entitlements.

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Statement 4 is incorrect. The Nari Adalat of each village would have 7-9 members/Nyaya Sakhis [legal friends]: Half of which would be the elected members of the gram panchayat and the other half are women with social standing like teachers, doctors and social workers – who would be nominated by the villagers.

Source: [ForumIAS](#)

Q.8) With reference to Solar flares, consider the following statements:

1. Solar flares are energetic releases of electromagnetic from the surface of the Sun, caused by the localised twisting and realignment of the Sun's magnetic field.
2. C-class, a type of solar flares, are large, that have the power to cause global radio blackouts and persistent radiation storms in the upper atmosphere.
3. Solar flares have the potential to affect the GPS system on Earth.

Which of the statements given above is/are correct?

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

Answer: B

Explanation –

Statements 1 and 3 are correct. Solar flares are energetic releases of electromagnetic from the surface of the Sun, caused by the localised twisting and realignment of the Sun's magnetic field. Solar flares have the potential to affect the GPS and internet system on Earth.

Statement 2 is incorrect. C-class flares are slight and have little effect on the Earth whereas X-class flares are large, significant events that have the power to cause global radio blackouts and persistent radiation storms in the upper atmosphere.

Source: [ForumIAS](#)

Q.9) Consider the following statements:

1. Geocoding converts an address or description of a location into geographic coordinates.
2. Geocoding will help in the detection of fraudulent registrations under the GST Network (GSTN).

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. Geocoding converts an address or description of a location into geographic coordinates. Geocoding will help in the detection of fraudulent registrations under the GST Network (GSTN).

Source: [ForumIAS](#)

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Q.10) With reference to the Dispute Settlement System (DSS) of the **World Trade Organization** (WTO) consider the following statements:

1. The purpose of the Dispute Settlement System is to provide stability and predictability to the multilateral trading system and to establish a fast, efficient, dependable and rule-oriented system to resolve disputes.
2. The DSS has been termed as the 'crown jewel' of the WTO.
3. DSS has been paralyzed due to the non-functioning of its appellate body since 2019.

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. The purpose of the Dispute Settlement System is to provide stability and predictability to the multilateral trading system and to establish a fast, efficient, dependable and rule-oriented system to resolve disputes. The DSS has been termed as the 'crown jewel' of the WTO. DSS has been paralyzed due to the non-functioning of its appellate body since 2019.

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

PRELIMS

Q.1) With reference to Lambani embroidery, consider the following statements:

1. It involves stitching floral patterns using bright silk threads on a base fabric, usually a handwoven cotton or khadi.
2. It is practiced in several villages of Karnataka.
3. The embroidery traditions of the Lambanis are shared in terms of technique and aesthetics with textile traditions across Eastern Europe, West, and Central Asia.

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. Lambani embroidery is a vibrant and intricate form of textile embellishment characterized by colorful threads, mirror work, and a rich array of stitch patterns. It involves stitching together small pieces of discarded fabric to create a beautiful fabric.

Statements 2 and 3 are correct. The embroidery traditions of the Lambanis are shared in terms of technique and aesthetics with textile traditions across Eastern Europe, West, and Central Asia.

Source: [ForumIAS](#)

Q.2) Consider the following statements:

1. India is planning to stop the use of chemical fertilizers completely.
2. Overuse of fertilizers has resulted in a 16% decrease in production in Punjab.
3. India is moving towards natural and organic farming.

Which of the statements given above is/are correct?

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

Answer: C

Explanation –

Statement 1 is incorrect. India is not planning to stop the use of chemical fertilizers completely but will be adopting alternate fertilizers.

Statements 2 and 3 are correct. Overuse of fertilizers has resulted in a 16% decrease in production in Punjab despite a 10% increase in the use of fertilizers in the State during the same period. This is leading to the deterioration of soil health over a period of time. India is moving towards natural and organic farming.

Source: [ForumIAS](#)

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Q.3) Which of the following has been the consequence(s) of the abrogation of Article 370?

1. Stone-pelting incidents have ceased completely.
2. Duly-elected three-tier Panchayati raj system has been established for the first time in the Jammu and Kashmir.
3. There has been a significant increase in tourist visits to the valley.

How many of the above statements are correct?

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

Answer: C

Explanation –

Statements 1, 2 and 3 are correct. As per the Central government, there has significant positive changes after the abrogation of Article 370. Such as, Stone-pelting incidents have ceased completely, duly-elected three-tier panchayati raj system has been established for the first time in the Jammu and Kashmir since 2019, there has been a significant increase in tourist visits to the valley.

Source: [ForumIAS](#)

Q.4) Consider the following statements:

1. Solomon island is located in the Indian Ocean.
2. Solomon island is a member of the Commonwealth of Nations.
3. Recently, Solomon Island has established official diplomatic relations with China.

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 Solomons are an archipelago of hundreds of small islands in the southern part of the Pacific Ocean.

Statements 2 and 3 are correct. Solomon island is a member of the Commonwealth of Nations. China and Solomon Islands have jointly announced the official establishment of a comprehensive strategic partnership. Solomon Islands and China (PRC) established official diplomatic relations in 2019.

Source: [ForumIAS](#)

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Q.5) Consider the following statements:

1. Marine heatwaves (MHW) are periods of extremely high temperatures in the ocean.
2. Marine heatwaves are caused by an increase in the heat content of oceans, especially in the upper layers.
3. The northern Bay of Bengal remains cool during the monsoon season.

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. Marine heatwaves (MHW) are periods of extremely high temperatures in the ocean. Marine heatwaves are caused by an increase in the heat content of oceans, especially in the upper layers.

Statement 3 is incorrect. The northern Bay of Bengal remains warm during the monsoon season.

Source: [ForumIAS](#)

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

1. Repo rate is the rate at which the central bank of a country borrows money from commercial banks within the country.
2. Variable rate reverse repo (VRRR) is usually undertaken to reduce surplus liquidity by withdrawing existing cash in the system.

Select the correct statements using the codes given below:

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

Answer: B

Explanation –

Statement 1 is incorrect. Repo rate is the rate at which the central bank lends money to commercial banks against government securities or other approved collateral.

Statement 2 is correct. VRRR is usually undertaken to reduce surplus liquidity by withdrawing existing cash in the system.

Source: [ForumIAS](#)

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

1. El Nino benefits the Indian economic growth.
2. El Nino generally leads to drier conditions in Southeast Asia and Australia.
3. El Nino can affect India's trade pattern with Southeast Asian countries.

Which of the statements given above are correct?

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

Answer: B

Explanation –

Statements 1 is incorrect. El Nino has been known to harm the Indian economic growth, costing tens of billions of dollars in direct impacts.

Statements 2 and 3 are correct. El Nino generally leads to drier conditions in Southeast Asia and Australia. El Nino can affect India's trade pattern with Southeast Asian countries.

Source: [ForumIAS](#)

Q.8) Consider the following statements:

1. China is currently one of the major destinations for chips manufacturing.
2. Building semiconductors in India will eventually assist India in reducing its reliance on imports.

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. China is currently one of the major destinations for chips manufacturing. Building semiconductors in India will eventually assist India in reducing its reliance on imports.

Source: [ForumIAS](#)

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

1. The term refers to only those countries located in the Southern Hemisphere.
2. The countries of Global South often face higher levels of poverty, income inequality, and lower life expectancies in comparison to the nations of the Global North.

Select the correct statements using the codes given below:

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

Answer: B

Explanation –

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Statement 1 is incorrect. The term Global South is used for the Third World countries. While some countries of the Global South are located in the Southern Hemisphere, China and India are located entirely in the Northern Hemisphere.

Statement 2 is correct. The countries of Global South often face higher levels of poverty, income inequality, and lower life expectancies in comparison to the nations of the Global North.

Source: [ForumIAS](#)

Q.10) Consider the following statements:

1. Wastewater surveillance is a cost-effective approach that does not rely on invasive samples from individuals with clinical symptoms.
2. The success of wastewater surveillance in India relies on effective data sharing, domestically as well as internationally.
3. Wastewater surveillance was originally proposed to monitor the spread of poliovirus.

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. Wastewater surveillance is a cost-effective approach that does not rely on invasive samples from individuals with clinical symptoms. The success of wastewater surveillance in India relies on effective data sharing, domestically as well as internationally. Wastewater surveillance was originally proposed to monitor the spread of poliovirus.

Source: [ForumIAS](#)

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PRELIMS

Q.1) With reference to the Global Multidimensional Poverty Index (MPI) 2023, consider the following statements:

1. As per the index, India has witnessed a significant increase in the poverty level.
2. As per the index, nearly two-thirds of all poor people live in middle-income countries.
3. The MPI is calculated by multiplying the incidence of poverty and the average intensity of poverty.

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. As per the index, India saw a remarkable reduction in poverty. People in India who are multi-dimensionally poor and deprived under the nutrition indicator declined from 44% in 2005-06 to 12% in 2019/21.

Statements 2 and 3 are correct. As per the report, nearly two-thirds of all poor people live in middle-income countries, globally. The MPI is calculated by multiplying the incidence of poverty and the average intensity of poverty.

Source: [ForumIAS](#)

Q.2) Which of the following is a bilateral military exercise between India and Japan?

- a) The Cobra Warrior Exercise
- b) DUSTLIK
- c) SHINYUU Maitri
- d) TARKASHA exercise

Answer: C

Explanation – Some of the bilateral military exercises between India and Japan are – JIMEX, Exercise DHARMA GUARDIAN and SHINYUU Maitri.

Source: [ForumIAS](#)

Q.3) With reference to the Goods and Services Tax (GST) Council, consider the following statements:

1. It is a constitutional body in India.
2. It is chaired by the Union Finance Minister of India.
3. Every decision made by the Council must have a majority of at least one-fourth of the votes cast by the voting members present.

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 –

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Statements 1 and 2 are correct. GST Council is a constitutional body in India. It was established under Article 279A of the Indian Constitution. It is chaired by the Union Finance Minister of India.

Statement 3 is incorrect. Every decision made by the Council must have a majority of at least three-fourths of the votes cast by the voting members present.

Source: [ForumIAS](#)

Q.4) Consider the following statements:

1. Kui is an Indo-Aryan language spoken by the Mishmi tribe of Arunachal Pradesh.
2. Kui was also referred to as the Kuinga language during the historical period.
3. The Kui language is closely related to other languages in the Dravidian family such as Gondi and Kuvi.

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. Kui is a South-Eastern Dravidian language spoken by the Khonds community of Odisha. The language is traditionally written using the Odia script.

Statements 2 and 3 are correct. Kui was also referred to as the Kuinga language during the historical period. The language is closely related to other languages in the Dravidian family such as Gondi and Kuvi.

Source: [ForumIAS](#)

Q.5) With reference to the “Shelf Cloud” consider the following statements:

1. The formation of shelf clouds occurs when a mass of cold and dense air is forcefully driven by the wind into a warmer air mass.
2. The underside of the shelf cloud is often dark and menacing, featuring turbulent and rapidly rising air.
3. These clouds have a cylindrical or tube-like shape.

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. Shelf Cloud formation of shelf clouds occurs when a mass of cold and dense air is forcefully driven by the wind into a warmer air mass. The underside of the shelf cloud is often dark and menacing, featuring turbulent and rapidly rising air.

Statement 3 is incorrect. Shelf clouds have a wedge or shelf-like shape.

Source: [ForumIAS](#)

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

Q.6) With reference to Internationalization of the rupee, consider the following statements:

1. It will increase the requirement for the authorities to maintain large foreign exchange reserves in foreign currencies to manage external vulnerabilities.
2. It will increase the cost of doing business for the private sector.
3. The rupee is fully convertible in the capital account.

How many of the above statements are correct?

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

Answer: D

Explanation –

Statements 1, 2 and 3 are incorrect. The internationalisation of a currency reduces the requirement for the authorities to maintain large foreign exchange reserves in foreign currencies to manage external vulnerabilities. Internationalization of the rupee may reduce the cost of doing business. The rupee is not fully/partially convertible in the capital account while it is fully convertible in the current account.

Source: [ForumIAS](#)

Q.7) Consider the following statements:

1. Dark patterns are used for intentionally manipulating or misleading users to make certain choices or perform specific actions that may not be in their best interest.
2. Nagging, a type of dark pattern, refers to persistent, repetitive and annoyingly constant criticism, complaints, requests for action.
3. The Indian government has set up a task force to prepare guidelines to protect consumers against dark patterns.

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. Dark patterns are used for intentionally manipulating or misleading users to make certain choices or perform specific actions that may not be in their best interest. Nagging, a type of dark pattern, refers to persistent, repetitive and annoyingly constant criticism, complaints, requests for action. The Indian government has set up a task force to prepare guidelines to protect consumers against dark patterns.

Source: [ForumIAS](#)

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Q.8) Consider the following statements:

1. The Hague Abduction Convention is a multilateral treaty that provides an expeditious method to return a child internationally abducted by a parent from one member country to another.
2. India is a signatory of the Hague Abduction Convention.
3. The Hague Abduction Convention applies only to children below the age of sixteen.

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. The Hague Abduction Convention is a multilateral treaty that provides an expeditious method to return a child internationally abducted by a parent from one member country to another. The Convention applies only to children below the age of sixteen.

Statement 2 is incorrect. India is not a signatory of the Hague Abduction Convention.

Source: [LiveLaw](#)

Q.9) With reference to the Tenth Schedule of the Indian Constitution, consider the following statements:

1. It was added into the Constitution by the 52nd Amendment Act, 1985.
2. The claim of being the 'real party' acts a defence against disqualification under the tenth schedule.
3. The schedule only applies to defections happening within the State Legislative Assemblies.

Which of the statements given above is/are correct?

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

Answer: A

Explanation –

Statement 1 is correct. Tenth Schedule was added into the Constitution by the 52nd Amendment Act, 1985.

Statements 2 and 3 are incorrect. As per the SC judgment, 10th schedule of the Constitution does not recognize 'split' with a party as a defence against disqualification. The only defence is merger with another party. 10th schedule applies to both Parliament and state assemblies.

Source: [LiveLaw](#)

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PRELIMS

Q.1) With reference to different types of space missions, consider the following statements:

1. Flybys are spacecrafts designed to get into a lunar orbit and carry out prolonged studies of the Moon's surface and atmosphere.
2. Landers missions involve the soft landing of the spacecraft on the Moon.
3. Rovers are the missions in which the spacecraft passed near the Moon but did not get into an orbit around it.

How many of the statements given above are correct?

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

Answer: A

Explanation –

Statements 1 and 3 are incorrect. Flybys are the missions in which the spacecraft passed near the Moon but did not get into an orbit around it. These were either designed to study the Moon from a distance or were on their way to some other planetary body or deep space exploration. Rovers are special wheeled payloads on the lander that can detach themselves from the spacecraft and move around on the moon's surface, collecting very useful information that instruments within the lander would not be able to obtain.

Statement 2 is correct. Landers missions involve the soft landing of the spacecraft on the Moon.

Source: [ForumIAS](#)

Q.2) Which of the following is the aim of “Sagar Sampark” system?

- a) It is a collaborative initiative that harnesses cutting-edge technologies to facilitate the exploration of deep-sea minerals.
- b) It is a terrestrial based enhancement system that corrects the errors and inaccuracies in the Global Navigation Satellite System (GNSS) and provides more accurate positioning information.
- c) It is a comprehensive early warning system that has been developed to detect and monitor storms in the sea, providing crucial alerts to both fishermen and residents of coastal regions.
- d) It is a highly advanced device developed by the Indian Navy with the explicit purpose of equipping submarines and naval vehicles with it.

Answer: B

Explanation – The Union Minister of Ports, Shipping and Waterways has inaugurated the indigenous Differential Global Navigation Satellite System (DGNSS) called ‘SAGAR SAMPARK’. It is a terrestrial based enhancement system that corrects the errors and inaccuracies in the Global Navigation Satellite System (GNSS) and provides more accurate positioning information.

Source: [ForumIAS](#)

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Q.3) With reference to “PBW RS1”, a new variety wheat, consider the following statements:

1. It has been developed by Indian Council of Agricultural Research (ICAR).
2. It is resistant to yellow rust and moderately resistant to brown rust fungal diseases.
3. It has a higher productivity compared to other wheat varieties of Punjab.

Which of the statements given above is/are correct?

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

Answer: C

Explanation –

Statements 1 and 3 are incorrect. PBW RS1 has been developed by Punjab Agricultural University (PAU). It has lower productivity compared to other wheat varieties of Punjab.

Statement 2 is correct. PBW RS1 is resistant to yellow rust and moderately resistant to brown rust fungal diseases.

Source: [ForumIAS](#)

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

1. Money muling is a financial practice that involves banks assisting in the transfer of funds between accounts.
2. Money Mule Actions are linked to cybercrime.

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

Statement 1 is incorrect. Money muling refers to the illegal act of using individuals, often unwittingly or under false pretenses, to transfer money or goods acquired through criminal activities. This method is used by criminals to evade detection and make it harder for authorities to trace the illicit funds back to their source.

Statement 2 is correct. Money Mule Actions are commonly associated with various types of financial crimes, such as money laundering, fraud, and cybercrime.

Source: [ForumIAS](#)

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

1. Lithium is used in electric vehicles, batteries and other energy storage solutions.
2. Titanium is used in mobile phones, bicycles and prosthetics.
3. Tantalum is used in electrolytic capacitors and corrosion resistant chemicals.

Which of the statements given above are correct?

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

Answer: D

Explanation –

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Statements 1, 2 and 3 are correct. Lithium is used in electric vehicles, batteries and other energy storage solutions. Titanium is used in mobile phones, bicycles and prosthetics. Tantalum is used in electrolytic capacitors and corrosion resistant chemicals.

Source: [ForumIAS](#)

Q.6) Consider the following statements:

1. The members of United Nation Security Council (UNSC) are more than the members of United Nations Human Rights Council (UNHRC).
2. While the resolutions of UNSC are legally binding on member states, decisions of UNHRC are non-binding.
3. The UNSC primarily focuses on matters of international peace and security.

Which of the statements given above is/are correct?

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

Answer: C

Explanation –

Statement 1 is incorrect. The UNSC has 15 members while the UNHRC consists of 47 member states.

Statements 2 and 3 are correct. While the resolutions of UNSC are legally binding on member states, decisions of UNHRC are non-binding. The UNSC primarily focuses on matters of international peace and security.

Source: [ForumIAS](#)

Q.7) With reference to “Atal Vayo Abhyuday Yojana” consider the following statements:

1. Ministry of Social Justice & Empowerment is the nodal ministry for implementing the scheme.
2. It is a centrally sponsored scheme.
3. It aims to improve the quality of life of the Senior Citizens.

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 is the nodal ministry for implementing the Atal Vayo Abhyuday Yojana. It aims to improve the quality of life of the Senior Citizens.

Statement 2 is incorrect. It is a centrally sector scheme.

Source: [ForumIAS](#)

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Q.8) With reference to Chandrayaan-3 Mission, consider the following statements:

1. The success of Chandrayaan-3 will make it the second surface mission closest to the lunar south pole.
2. The mission holds significant importance, as establishing permanent moon bases has become a geopolitical goal worldwide.
3. The Chandrayaan-3, which consists of a lander, rover and propulsion module, can't travel to space on its own.

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 success of Chandrayaan-3 will make it the first surface mission closest to the lunar south pole.

Statements 2 and 3 are correct. The mission holds significant importance, as establishing permanent moon bases has become a geopolitical goal worldwide. The Chandrayaan-3, which consists of a lander, rover and propulsion module, can't travel to space on its own. It needs to be attached with the launch vehicles.

Source: [ForumIAS](#)

Q.9) With reference to Results-Based Financing (RBF) consider the following statements:

1. It is a funding approach that rewards service providers based on the amount of time and effort they put into their work, regardless of the actual results achieved.
2. Development Impact Bonds (DIBs) are a type of RBF.
3. It seeks to improve the effectiveness and efficiency of social and development programs.

Which of the statements given above is/are correct?

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

Answer: C

Explanation –

Statement 1 is incorrect. RBF is an approach to financing and delivering services that focuses on achieving specific results or outcomes rather than solely on inputs or activities. It is often used in the context of social and development programs, particularly in sectors such as health, education, and water and sanitation.

Statements 2 and 3 are correct. Common forms of RBF include Social Impact Bonds (SIB), Development Impact Bonds (DIB), Conditional Cash Transfers (CCT), and Outcome-Linked Interest Rate Loans. RBF seeks to improve the effectiveness and efficiency of social and development programs by linking funding to the achievement of specific results or outcomes.

Source: [ORF](#)

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Q.10) With reference to the Consumer Price Index (CPI) consider the following statements:

1. CPI basket includes outdated items which have minimal significance in the overall CPI calculation.
2. India has a significant weightage of food in the CPI compared to other developed 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. CPI basket includes outdated items which have minimal significance in the overall CPI calculation, e.g., torches, radios, tape recorders, CDs, etc. India still has a significant weightage of food in the CPI compared to other developed countries.

Source: [ForumIAS](#)

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PRELIMS

Q.1) With reference to “Tele Law Initiative” consider the following statements:

1. It is a program that uses telepathy to communicate legal advice and information to individuals remotely.
2. A dedicated Tele Law dashboard has been developed to capture real-time data on the nature of cases registered & advice enabled.

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 Tele Law Initiative was launched by the Department of Justice in 2017. It is an e-interface mechanism to seek legal advice and consultation at a pre-litigation stage with the aim of ‘Reaching the Unreached’.

Statement 2 is correct. A dedicated Tele Law dashboard has been developed to capture real-time data on the nature of cases registered & advice enabled.

Source: [ForumIAS](#)

Q.2) With reference to “Sangam Age” consider the following statements:

1. During the Sangam Age, the Tamil kingdoms were ruled by a central monarchy headed by a king and operated under a highly centralized form of leadership.
2. The first Sangam was held at Kapadapuram.
3. Tolkappiyam is the earliest of the Tamil literatures.

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. During the Sangam Age, the Tamil kingdoms were largely decentralized and governed by assemblies of local chieftains and leaders. These assemblies played a significant role in decision-making and governance, and power was distributed among various regional rulers. The first Sangam was held at Madurai.

Statement 3 is correct. Tolkappiyam authored by Tolkappiyar is the earliest of Tamil literature. It is a work on Tamil grammar but it provides information on the political and socioeconomic conditions of the Sangam period.

Source: [ForumIAS](#)

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Q.3) With reference to “Kaas Plateau” consider the following statements:

1. It is a man-made botanical garden where artificial flowers are meticulously arranged to create an illusion of a natural landscape.
2. It is located on the Western Ghats in Maharashtra.

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. Kaas Plateau is a natural plateau known for its diverse and vibrant display of wildflowers that bloom naturally during the monsoon season.

Statement 2 is correct. Kaas Plateau is located on the Western Ghats in Maharashtra.

Source: [ForumIAS](#)

Q.4) Consider the following statements with respect to Anthropocene epoch:

1. The Anthropocene epoch has sparked debate regarding the necessity for sustainable practices, conservation initiatives, and reducing the detrimental effects of human activity on the earth.
2. The epoch is associated with natural climatic variations and the onset of multiple ice ages, characterized by the advance and retreat of continental glaciers.

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 Anthropocene epoch has sparked debate regarding the necessity for sustainable practices, conservation initiatives, and reducing the detrimental effects of human activity on the earth.

Statement 2 is incorrect. The Anthropocene epoch is defined by the significant impact of human activities on the Earth's ecosystems, landscapes, and geological processes. It is primarily attributed to factors such as industrialization, urbanization, deforestation, pollution, and the burning of fossil fuels.

Source: [ForumIAS](#)

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

1. It is located in the Eastern Karakoram range in the Himalayas.
2. The glacier serves as a crucial source of freshwater for the surrounding region.
3. It is the second-highest battlefield in the world.

Which of the statements given above are correct?

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

Answer: A

Explanation –

Statements 1 and 2 are correct. Siachen glacier is located in the Eastern Karakoram range in the Himalayas. The glacier serves as a crucial source of freshwater for the surrounding region. It contributes to the flow of several rivers, including the Nubra River, Shyok River, and the Indus River.

Statement 3 is incorrect. It is the highest battlefield in the world.

Source: [ForumIAS](#)

Q.6) Consider the following statements:

1. Polymers are microscopic organisms found in nature, similar to bacteria and fungi, and they play a vital role in decomposing organic matter.
2. Natural polymers are found in plants and animals.

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. Polymers are large molecules composed of repeating structural units called monomers. These monomers are chemically bonded together to form a long chain-like structure, giving polymers their characteristic properties.

Statement 2 is correct. Polymers are categorized into three categories: Natural, Semi-synthetic and Synthetic. Natural polymers are found in plants and animals. Examples are proteins, cellulose, starch, some resins and rubber.

Source: [ForumIAS](#)

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Q.7) Consider the following statements with respect to Carbon Border Adjustment Mechanism (CBAM):

1. CBAM mainly targets finished goods rather than raw material.
2. CBAM will generate more revenue for the EU and/or force exporters of the developing countries to squeeze their profit margins and wages to reduce 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. CBAM mainly targets raw materials rather than finished goods.

Statement 2 is correct. CBAM will generate more revenue for the EU and/or force exporters of the developing countries to squeeze their profit margins and wages to reduce costs.

Source: [ForumIAS](#)

Q.8) With reference to Open Market Sale Scheme-Domestic (OMSS-D) consider the following statements:

1. Under the scheme, the government has decided to control the volatility of the tomatoes in the market through strategic interventions.
2. The scheme aims at stabilizing price and acts as a measure to curb food grain inflation.
3. The scheme has also allowed the state governments to procure rice and wheat from the central government.

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. OMSS-D refers to selling of food grains by Food Corporation of India (FCI) at a predetermined prices in the open market from time to time. Under the scheme, the central government has recently discontinued the sale of rice and wheat from the central pool to State governments.

Statement 2 is correct. OMSS-D aims at stabilizing price and acts as a measure to curb food grain inflation.

Source: [ForumIAS](#)

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

Q.9) With reference to Co-operatives, consider the following statements:

1. Cooperatives are people-centric organizations as they operate with a focus on people rather than capital.
2. Cooperation holds immense potential to ensure comprehensive economic growth.

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. Cooperatives are people-centric organizations as they operate with a focus on people rather than capital. Cooperation holds immense potential to ensure comprehensive economic growth.

Source: [ForumIAS](#)

Q.10) Which of the following describes Engel's Law?

- a) The law states that as a firm increases the input of one factor of production while keeping other inputs constant, the resulting increase in output will eventually diminish.
- b) The law states that for certain inferior goods, as the price of the good increases, the quantity demanded also increases.
- c) The law states that individuals, firms, or countries should specialize in producing goods or services for which they have a lower opportunity cost compared to others.
- d) The law states that as household income increases, the proportion of income allocated to food expenditure decreases, while the proportion allocated to other goods and services, such as housing, transportation, increases.

Answer: D

Explanation – Engel's Law states that as household income increases, the proportion of income allocated to food expenditure decreases, while the proportion allocated to other goods and services, such as housing, transportation, increases.

Source: [ForumIAS](#)