

10 PM Current Affairs Quiz Compilation

11th to 16th September, 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:

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

Which of the statements given above is/are correct?

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

Answer: D

Explanation –

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

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

Source: [ForumIAS](#)

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

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

Select the correct statements using the codes given below:

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

Answer: A

Explanation –

Statement 1 is correct. The goal of DPI is to provide the essential digital infrastructure required for a digitally inclusive society and to support the efficient delivery of public services while ensuring data security, privacy, and accessibility.

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

Source: [ForumIAS](#)

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

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

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

Select the correct statements using the codes given below:

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

Answer: A

Explanation –

Statement 1 is correct. I-CRR is an additional cash balance which the RBI can ask banks to maintain over and above the Cash Reserve Ratio (CRR).

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

Source: [ForumIAS](#)

Q.4) Consider the following statements:

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

Select the correct statements using the codes given below:

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

Answer: B

Explanation –

Statement 1 is incorrect. Pithora Art is a ritualistic painting characterized by animated figures and lavish use of color. These paintings are done by the Rathwa, Bhilala, Naik and Bhil tribes of Gujarat and Madhya Pradesh.

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

Source: [ForumIAS](#)

Q.5) Consider the following statements:

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

How many of the above statement are correct?

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

Answer: B

Explanation –

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

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

Source: [ForumIAS](#)

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

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

Select the correct statements using the codes given below:

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

Answer: B

Explanation –

Statement 1 is incorrect. INDUS-X is a joint initiative between the governments of India and the United States to facilitate collaboration between the two countries' defense industries. It is not a formal military alliance, and it does not commit the two countries to defend each other in the event of an attack.

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

Source: [ForumIAS](#)

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

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

Answer: D

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

Source: [ForumIAS](#)

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Q.8) Consider the following statements:

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

Select the correct statements using the codes given below:

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

Answer: C

Explanation –

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

Source: [ForumIAS](#)

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

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

Which of the statements given above are correct?

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

Answer: A

Explanation –

Statements 1 and 2 are correct. SRO is a non-governmental organization that is given a degree of regulatory authority over an industry or profession. SROs are typically established by the industry or profession itself, and they are responsible for setting and enforcing rules and standards for their members.

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

Source: [ForumIAS](#)

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PRELIMS

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

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

How many of the above statement are correct?

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

Answer: A

Explanation-

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

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

Source-[Forum IAS](#)

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

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

Select the correct statements using the codes given below:

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

Answer: B

Explanation-

Statement 1 is Incorrect- India-Saudi Arabia Strategic Partnership Council (SPC) was setup in the year 2019 and India is the fourth country with which Saudi Arabia formed such a partnership after the UK, France, and China.

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

Source- [Forum IAS](#)

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

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

How many of the above statement are correct?

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

Answer: D

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

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

Source-[Forum IAS](#)

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

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

How many of the above statement are correct?

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

Answer: C

Explanation-

All the statements are correct-

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

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

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

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

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

Source-[Forum IAS](#)

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

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

How many of the above statements are correct-

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

Answer: D

Explanation-

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

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

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

Source-[Forum IAS](#)

Q.6) Consider the following statements:

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

Which of the above statements is/are correct?

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

Answer: A

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

Source: [Indian Express](#)

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

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

How many of the statements given above are correct?

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

Answer: A

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

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

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

Source: [Live mint](#)

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

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

Answer: B

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

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

[The Hindu](#)

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

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

Answer: D

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

Mali does not touch the boundary of Morocco.

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

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PRELIMS

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

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

Select the correct statements using the codes given below:

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

Answer: D

Explanation-

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

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

Source- [Forum IAS](#)

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

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

How many of the above statements are correct?

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

Answer: A

Explanation-

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

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

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

Source- [Forum IAS](#)

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

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

How many of the above statement are correct?

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

Answer: A

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

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

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

Source-[Forum IAS](#)

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

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

How many of the above statement are correct?

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

Answer: C

Explanation-

All the statements are correct-

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

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

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

Source-[Forum IAS](#)

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

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

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

How many of the above statements are correct-

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

Answer: B

Explanation-

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

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

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

Source-[Forum IAS](#)

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

PRELIMS

Q.1) Consider the following statements

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

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

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

Answer: B

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

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

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

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

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

Answer: B

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

[Link](#)

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

Q.8) Consider the following statements:

Statement-I:

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

Statement-II:

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

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

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

Answer: C

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

[Link](#)

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

PRELIMS

Q.1) Consider the following statements:

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

How many of the above statements are correct?

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

Answer: B

Explanation –

Statements 1 and 2 are correct. Industrial Policy Resolution 1948 introduced state control over Indian industrial sector. These state control over the industrial sector was further strengthened by Industrial Policies in 1956, 1977 and 1980. India has increased average tariffs on imported products. WTO in its review of India's trade policy for 2021 pointed out that the country's simple average tariff rate had increased from 13% to 15.4% since 2015.

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

Source: [ForumIAS](#)

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

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

Select the correct code given below:

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

Answer: D

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

Source: [ForumIAS](#)

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

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

Which of the statements given above is/are correct?

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

Answer: B

Explanation –

Statements 1 and 3 are incorrect. A Lagrange point (L point) is a point in space where the gravitational forces of two large bodies, such as the Sun and Earth, balance each other out. This allows a third body, such as a spacecraft, to orbit the two bodies without being pulled in by either one. The James Webb Space Telescope is currently in orbit around L2.

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

Source: [ForumIAS](#)

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

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

Which of the statements given above are correct?

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

Answer: B

Explanation –

Statement 1 is incorrect. Money laundering decreases the tax funds available for collection in the economy and decreases government's revenues.

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

Source: [ForumIAS](#)

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

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

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

Which of the statements given above is/are correct?

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

Answer: B

Explanation –

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

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

Source: [ForumIAS](#)

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

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

How many of the above statements are correct?

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

Answer: B

Explanation –

Statement 1 is incorrect. The G20 was founded in response to the Asian financial crisis of 1997-1998, which had a significant impact on the global economy.

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

Source: [ForumIAS](#)

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

Q.7.) Consider the following statements:

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

Select the correct statements using the codes given below:

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

Answer: C

Explanation –

Statements 1 and 2 are correct. Academic stress is one of the reasons behind suicides in India. According to Section 309 of IPC suicide is a criminal offence punishable with simple imprisonment for a term which may extend to one year.

Source: [ForumIAS](#)

Q.8) Consider the following statements:

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

Which of the statements given above is/are correct?

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

Answer: A

Explanation –

Statements 1 and 2 are correct. e-rupee, known as the "Digital Rupee," is digital legal tender issued by the Reserve Bank of India. e-rupee can only be transferred to another e-rupee wallet, meaning it cannot be transferred into another bank's accounts or UPI VPAs.

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

Source: [DNA](#)

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

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

How many of the above statements are correct?

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

Answer: B

Explanation –

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

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

Source: [DNA](#)

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

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

Select the correct statements using the codes given below:

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

Answer: D

Explanation –

Statements 1 and 2 are incorrect. Shanti Swarup Bhatnagar Prize is a prestigious award in science and technology given annually by the Council of Scientific and Industrial Research (CSIR) to outstanding scientists and engineers in India. It is named after Shanti Swarup Bhatnagar, the founder of CSIR.

Source: [The Print](#)

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PRELIMS

Q.1) Consider the following statements:

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

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

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

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

Answer: A

Explanation –

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

Source: [ForumIAS](#)

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

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

Select the correct statements using the codes given below:

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

Answer: B

Explanation –

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

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

Source: [ForumIAS](#)

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

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

Answer: A

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

Source: [ForumIAS](#)

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

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

Select the correct answer from the codes given below:

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

Answer: C

Explanation –

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

Source: [ForumIAS](#)

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

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

How many of the above statements are correct?

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

Answer: A

Explanation –

Statements 1 and 2 are incorrect. SCD is caused by a genetic mutation. It is not contagious. People with SCD can have children, but there is a risk that their children will inherit the sickle cell gene.

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

Source: [ForumIAS](#)

Q.6) Consider the following statements:

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

Which of the statements given above are correct?

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

Answer: A

Explanation –

Statements 1 and 2 are correct. C-295 aircraft can be used for air-to-air refuelling of choppers and fixed-wing aircraft. It can operate from short, soft, rough and unprepared airstrips.

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

Source: [ForumIAS](#)

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

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

Answer: D

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

Source: [ForumIAS](#)

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

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

Which of the statements given above are correct?

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

Answer: A

Explanation –

Statements 1 and 2 are correct. NSR aims to strengthen all pillars in the innovation cycle of robotic technology, while also providing a robust institutional framework for ensuring the effective implementation of these interventions. The Ministry of Electronics and Information Technology (MeitY) will serve as the nodal agency for robotics, overseeing the NSR through the 'National Robotics Mission' (NRM).

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

Source: [ForumIAS](#)

Q.9) Consider the following statements:

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

Which of the statements given above are correct?

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

Answer: A

Explanation –

Statements 1 and 2 are correct. Supply chains represent the different stages of producing a product or service. Supply chains dictate where each production stage, like design or assembly, happens.

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

Source: [ForumIAS](#)

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Q.10) Consider the following statements:

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

Select the correct answer from the codes given below:

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

Answer: C

Explanation –

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

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

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PRELIMS

Q.1) Consider the following statements:

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

Select the correct statements using the codes given below:

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

Answer: A

Explanation –

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

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

Source: [ForumIAS](#)

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

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

Select the correct statements using the codes given below:

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

Answer: A

Explanation –

Statement 1 is correct. A robust carbon trading network is one of the solutions to address the climate emergency.

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

Source: [ForumIAS](#)

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

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

Which of the statements given above are correct?

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

Answer: C

Explanation –

Statements 1 and 3 are correct. There is currently no vaccine available to protect against this pathogen. Human-to-human transmission can occur through close contact, either at home or in hospitals.

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

Source: [ForumIAS](#)

Q.4) Consider the following statements:

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

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

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

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

Answer: C

Explanation –

Statement 1 is correct. In 2021, the global installed capacity of renewable energy sources (RES) was 3026 GW, constituting 39% of the total capacity from all sources.

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

Source: [ForumIAS](#)

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

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

How many of the above statements are correct?

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

Answer: B

Explanation –

Statements 1 and 2 are correct. The government can intercept, open, or detain postal items for reasons such as state security, public order, or contraventions of the Act. The Bill introduces standards for digital addressing using geo-spatial coordinates, potentially revolutionizing delivery methods.

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

Source: [ForumIAS](#)

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

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

Which of the statements given above are correct?

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

Answer: A

explanation –

Statements 1 and 2 are correct. NJDG Portal has been developed by the National Informatics Centre (NIC). It helps identify specific bottlenecks in judicial processes. For example, if the number of land disputes in a particular state shoots up, it helps policymakers look into whether the law needs to be strengthened.

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

Source: [ForumIAS](#)

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

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

Which of the statements given above is/are correct?

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

Answer: C

Explanation –

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

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

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

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

Which of the statements given above is/are correct?

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

Answer: C

Explanation –

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

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

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

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

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

Select the correct answer from the codes given below:

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

Answer: B

Explanation –

Statement 1 is incorrect. SFWG was launched in 2016 during China's G20 presidency as Green Finance Study Group.

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

Source: [ForumIAS](#)

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

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

Answer: C

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

Source: [ForumIAS](#)