

10 PM Current Affairs Quiz Compilation

19th to 24th September, 2022

PRELIMS

Q.1) With reference to PM PRANAM consider the following statements:

1. It is launched by Ministry of Chemicals and Fertilisers.
2. The scheme focuses on reducing the burden of distress farmers by giving higher subsidies on fertilisers.

Select the correct statements using the code given below:

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

ANS: A

Statement 1: PM PRANAM (PM Promotion of Alternate Nutrients for Agriculture Management Yojana) is being launched by Ministry of Chemicals and Fertilisers.

Statement 2: The statement is incorrect. The aim of this scheme is to reduce the use of chemical fertilisers in agriculture further reducing subsidies on it. Source:

<https://indianexpress.com/article/india/to-curb-use-of-chemical-fertilisers-govt-to-give-nod-to-pm-pranam-8159046/>

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

1. Microalgae are renewable economical sources of biofuels, bioactive medicinal products, and food ingredients.
2. Microalgae grow in water and absorb nutrients directly instead of roots.
3. Microalgae require high fertile lands to grow and they are extremely dependent on local weather 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

ANS: A

Explanation –

Statement 1: Microalgae are renewable, sustainable, and economical sources of biofuels, bioactive medicinal products, and food ingredients.

Statement 2: Microalgae are a diverse group of microscopic aquatic organisms. Like plants, they generate energy from sunlight through photosynthesis. But they differ from plants in basic ways as they grow in water instead of on land and absorb nutrients directly instead of via roots.

Statement 3: The statement is incorrect. Microalgae don't require fertile land. It is largely independent of local weather patterns and could potentially recycle water. It has elevated productivity and scope for continuous harvests.

Source: <https://www.thehindu.com/sci-tech/energy-and-environment/climate-change-threatens-food-but-microscopic-algae-offer-answers/article65909004.ece>

Q.3) With reference to biomining consider the following statements:

1. It is the process of extracting minerals from ores by using microorganisms.
2. It cannot be used in the solid waste management as it has harmful effects for the environment and surroundings.
3. Bioleaching is one of the ways of biomining.

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

ANS: C

Explanation –

Statement 1: Biomining is the process of extracting minerals from ores by using microorganisms.

Statement 2: The statement is incorrect. Biomining process is used in solid waste management such as clearing oil spills from the sea; clearing pollutions from the soil, clearing landfill, etc. It is an eco-friendly and environment sustainable method.

Statement 3: Bioleaching, bio-oxidations are the methods of biomining.

Source: <https://www.thehindu.com/news/cities/bangalore/tender-for-biomining-of-waste-at-mandur-landfill-cleared/article65907313.ece>

Q.4) With reference to Capacity Building of First-Time MSME Exporters (CBFTE) scheme consider the following statements:

1. It aims to encourage MSMEs to offer products and services of international standards for the global market.
2. The scheme will enhance the participation of Indian MSMEs in the global value chain and help them realise their export potential.

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

ANS: C

Explanation –

Capacity Building of First-Time MSME Exporters' (CBFTE) scheme aims to encourage MSMEs to offer products and services of international standards for the global market. This will enhance the participation of Indian MSMEs in the global value chain and help them realise their export potential.

Source: <https://www.livemint.com/economy/small-exporters-demand-empowered-grievance-redressal-mechanism-11663518979812.html>

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Q.5) With reference to objectionable content in social media sites, consider the following statements;

1. Removing/deleting and identifying the culprit on WhatsApp is more complicated than on Facebook or Twitter.
2. A victim cannot directly approach the grievances redressal officer of any social media site independently.

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: A

Statement 1 is correct: Removing/deleting and identifying the culprit on WhatsApp is more complicated than on Facebook or Twitter.

In the case of Facebook or Twitter, the investigation agency can identify the suspect through their account, be it fake or based on a fictitious identity.

But in the case of WhatsApp, the video, pictures or voice messages spread instantly and are forwarded to many at a time. However, once the objectionable content is removed from the original number, the content shall be removed in the coming days automatically.

Statement 2 is incorrect: According to the Information Technology (Intermediary Guidelines and Digital Media Ethics Code) Rules, 2021, a victim can directly approach the grievances redressal officer of any social media site independently or through an investigation agency.

Source: [Indian Express](#)

Q.6) Ranganath Mishra Commission, was seen in news recently, is related to which of the following?

- a) To improve the performance of Logistics sector to improve India's GDP
- b) To enhance the ground water table using rain water storage
- c) To study status of Scheduled Castes converts to Christianity and Islam
- d) To curb the illicit messages circulating in social media sites

Answer: C

The matter of providing the SC quota benefits to Dalits who converted to Christianity or Islam has come up before earlier governments as well.

The Ranganath Mishra Commission's report submitted in 2007 recommended that SC status be completely delinked from religion and be made religion-neutral like STs.

However, the then government rejected the proposal on grounds that it was not substantiated by field studies.

Source: ForumIAS

Q.7) With reference the Consumer Price Index (CPI), consider the following statements:

1. It tracks the change in retail prices of goods and services which households purchase for their daily consumption.
2. The change in the price index over a period of time is referred to as CPI-based inflation or retail inflation.
3. CPI is dominated by manufactured goods.

Which of the statements given above are correct?

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

Answer: C

Explanation –

Consumer Price Index (CPI) tracks the change in retail prices of goods and services which households purchase for their daily consumption. The change in the price index over a period of time is referred to as CPI-based inflation or retail inflation.

If there is inflation the CPI will rise over a period of time. If the CPI drops, that means there is deflation, or a steady reduction in the prices of goods and services.

CPI is dominated by the prices of food articles whereas WPI is dominated by the manufactured goods.

Source: [Indian Express](#)

Q.8) Which of the following is/are the advantages of Hydrogen Fuel Cell?

1. It is completely environment friendly with no tailpipe emissions other than water.
2. Operation times of fuel cells are longer than those of batteries.
3. Since Hydrogen is the most abundant element in the Universe, it is easy to extract and create fuel cells.

Select the correct answer using the codes given below;

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

Answer: B

Statements 1 and 2 are correct: Hydrogen Fuel Cell is completely environment friendly with no tailpipe emissions other than water and Operation times of fuel cells are longer than those of batteries.

Statement 3 is incorrect: Despite being the most abundant element in the Universe, hydrogen does not exist on its own. So, hydrogen needs to be extracted from water via electrolysis or separated from carbon fossil fuels. Both of these processes require a significant amount of energy to achieve. This energy can be more than that gained from the hydrogen itself as well as being expensive.

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Q.9) With reference to broken rice, consider the following statements;

1. India accounted for more than 40% of the total rice exports in the world.
2. The United States is the biggest importer of India's broken rice.

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: A

Statement 1 is correct: India accounted for 41% of the total rice exports in the world in 2021 larger than the next four exporters (Thailand, Vietnam, Pakistan and United States) combined.

Statement 2 is incorrect: In descending order, China, Senegal, Vietnam, Djibouti and Indonesia are the biggest importers of India's broken rice. Hence, these countries would be impacted by the ban.

Source: [The Hindu](#)

Q.10) Consider the following pairs,

Famous arts/crafts	-	Associated States
1. Gulabi Meenakari	-	Uttar Pradesh
2. Dokra art	-	Bihar
3. Kullu Shawl	-	Arunachal Pradesh
4. Aranmula Kannadi	-	Kerala

How many pairs given above are correctly matched?

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

Answer: B

Famous arts/crafts	-	Associated States
1) Gulabi Meenakari	-	Uttar Pradesh
2) Dokra art	-	Chhattisgarh
3) Kullu Shawl	-	Himachal Pradesh
4) Aranmula Kannadi	-	Kerala

PRELIMS

Q.1) With reference to National Logistic Policy consider the following statements:

1. The policy proposes a Unified Logistics Interface Platform (ULIP) which moves all logistics and transport sector digital services into a single portal.
2. The policy aims at improving the country's Logistics Performance Index (LPI) ranking and to be among the top 25 countries by 2030.

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 –

National Logistic Policy proposes a Unified Logistics Interface Platform (ULIP) which moves all logistics and transport sector digital services into a single portal.

It also aims at improving the country's Logistics Performance Index (LPI) ranking and to be among top 25 countries by 2030.

Source: <https://economictimes.indiatimes.com/small-biz/sme-sector/national-logistics-policy-indias-new-policy-framework-to-be-globally-competitive/articleshow/94292753.cms>

Q.2) With reference to the International Finance Corporation (IFC), consider the following statements:

1. It is part of the International Monetary Fund (IMF).
2. One of its goals is to end extreme poverty by 2030.

Select the correct statements using the code given below:

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

Answer: B

Explanation –

Statement 1: The statement is incorrect. International Finance Corporation (IFC) is part of World Bank group.

Statement 2: It has two goals to achieve by 2030 – a) end extreme poverty and b) promote shared prosperity in every country.

Source: <https://www.thehindu.com/business/Economy/finance-minister-urges-world-bank-arm-ifc-to-scale-up-lending-to-india/article65910677.ece>

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Q.3) With reference to International Criminal Court (ICC), consider the following statements:

1. It is the official court of the United Nations.
2. India is one of the signatories of the ICC.
3. It is the first and only permanent international court with jurisdiction to prosecute individuals for international crimes.

Which of the statements given above is/are correct?

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

Answer: B

Statement 1: International Criminal Court (ICC) is an independent organization and not part of United Nations. The official court of United Nations is International Court of Justice (ICJ).

Statement 2: India is not the signatory of ICC.

Statement 3: ICC is the first and only permanent international court with jurisdiction to prosecute individuals for the international crimes.

Source: https://www.hindustantimes.com/world-news/european-parliament-members-urge-icc-to-open-probe-into-china-s-uyghurs-genocide-101663604242133.html?utm_source=ht_site_copyURL&utm_medium=social&utm_campaign=ht_site

Q.4) With reference to International Seed Treaty consider the following statements:

1. The treaty aims at establishing a global system to provide farmers, plant breeders and scientists with access to plant genetic materials.
2. India is not the signatory of this treaty.

Select the correct statement using the codes given below:

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

Answer: A

Explanation-

Statement 1: The International Treaty on Plant Genetic Resources for Food and Agriculture (ITPGRFA) also known as ITPGRFA, International Seed Treaty or Plant Treaty.

The treaty aims at establishing a global system to provide farmers, plant breeders and scientists with access to plant genetic materials.

Statement 2: India is one of the signatories of this treaty.

Source: <https://economictimes.indiatimes.com/news/economy/agriculture/india-calls-for-eliminating-north-south-divide-to-reach-consensus-on-issues-grappling-international-seed-treaty/articleshow/94300961.cms>

Q.5) With reference to Sova virus, consider the following statements;

1. The virus hides itself within fake Android applications that show up with the logo of famous legitimate apps.
2. It can perform gestures like screen click, swipe using the android accessibility service.

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

SOVA malware hides itself within fake Android applications that show up with the logo of a few famous legitimate apps like Chrome, Amazon, NFT (non-fungible token linked to cryptocurrency) platform to deceive users into installing them.

SOVA can collect keystrokes, steal cookies, intercept multi-factor authentication (MFA) tokens, take screenshots and record video from a webcam and can perform gestures like screen click, swipe using the android accessibility service. It also has the capability to encrypt all data on an Android phone and hold it to ransom.

Source: [Mint](#)

Q.6) With reference to Nordic Model of social democracy, consider the following statements;

1. It is the combination of social welfare and economic systems adopted by countries such as Sweden, Norway and Finland.
2. The model does not have any features of capitalism.
3. The model has high taxes, high degree of government intervention and relatively low gross domestic product (GDP).

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: C

Statement 1 is correct: The Nordic model, also known as the Scandinavian model, is the combination of social welfare and economic systems adopted by Nordic countries (Sweden, Norway, Finland, Denmark, and Iceland).

Statement 2 is incorrect: It combines features of capitalism, such as a market economy with social benefits, such as state pensions and income distribution.

Statement 3 is correct: The model has high taxes, high degree of government intervention and relatively low gross domestic product (GDP).

Source: [The Hindu](#)

Q.7) The Bogibeel Bridge is built across which of the following rivers?

- a) Kosi river
- b) Barak river
- c) Brahmaputra river
- d) Gomati river

Answer: C

The Bogibeel Bridge is a combined road and rail bridge over the Brahmaputra River in the northeastern Indian state of Assam.

Source: [PIB](#)

Q.8) With reference to National Assessment and Accreditation Council (NAAC), consider the following statements;

- 1. It is an autonomous body under the University Grants Commission (UGC).
- 2. All higher educational institutes can apply for NAAC accreditation.

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: A

Statement 1 is correct: It is an autonomous body under the University Grants Commission (UGC).

Statement 2 is incorrect: Under the rules, only higher education institutions that are at least six years old, or from where at least two batches of students have graduated, can apply. The accreditation is valid for five years.

Source: [Indian Express](#)

Q.9) Consider the following pairs,

- | Famous Revolutions | - | Associated countries |
|-----------------------|---|----------------------|
| 1. Orange Revolution | - | Ukraine |
| 2. Tulip Revolution | - | Russia |
| 3. Jasmine Revolution | - | Hong Kong |

How many pairs given above are correctly matched?

- a) Only one pair
- b) Only two pairs
- c) None of the pairs
- d) All three pairs

Answer: A

- | Famous Revolutions | - | Associated countries |
|-----------------------|---|----------------------|
| 1. Orange Revolution | - | Ukraine |
| 2. Tulip Revolution | - | Kyrgyzstan |
| 3. Jasmine Revolution | - | Tunisia |

Source: [Indian Express](#)

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Q.10) Which of the following statements is not correct about Commonwealth of Nations?

- a) It was established by the London Declaration in 1949.
- b) None of the European nations are part of the Commonwealth Nations.
- c) The Commonwealth consists of both republics and realms.
- d) The Commonwealth has no charter, treaty or constitution.

Answer: B

The member countries are mostly from Africa, Asia, the Americas, and the Pacific. Three European nations are part of the Commonwealth: Cyprus, Malta and UK.

Source: [The Hindu](#)

PRELIMS

Q.1) Which of the following will be the impact of declining forex reserves on India?

- a) It will affect import of the country
- b) It will affect export of the country
- c) It will help in appreciation of rupee
- d) It will decrease inflation

Answer: A

Explanation –

Declining forex reserve will affect the import of the country as the foreign reserves (mostly US dollars) are used to pay for the imports and declining forex will make it difficult to pay for the imports. It will also lead to devaluation of the currency.

Source:<https://www.livemint.com/news/india/forex-reserves-decline-by-2-2-bln-to-550-87-bln-in-week-ending-9-sept-rbi-11663348237336.html>

Q.2) 'ACE2' was seen in the news recently. It is related to –

- a) Bilateral agreement between India and China
- b) Sustainable farming techniques
- c) Decreasing bad loans in the banks
- d) Entering of coronavirus in the body

Answer: D

Explanation –

The infectious nature of the coronavirus and its effect on various body organs depends on the angiotensin-converting enzyme 2 (ACE2).

The ACE2 is a functional receptor on cell surfaces through which coronavirus enters the host cells. These receptor cells are highly expressed in major body organs like heart, stomach, lungs, kidneys and liver. In short, the ACE2 serves as an entry opener for the virus to the body organs.

Source:<https://timesofindia.indiatimes.com/life-style/health-fitness/health-news/coronavirus-how-covid-compromises-the-functioning-of-liver-and-the-digestive-system/photostory/94321714.cms?picid=94321882>

Q.3) Consider the following gases:

- 3. Sulfur dioxide (SO₂)
- 4. Carbon dioxide (CO₂)
- 5. Nitrogen oxides (NO_x)

Which of the above gases are responsible for acid rain?

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

Answer: B

Explanation-

Acid rain is caused when sulfur dioxide (SO₂) and nitrogen oxides (NO_x) are emitted into the atmosphere and transported by wind and air currents. The SO₂ and NO_x react with water,

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oxygen and other chemicals to form sulfuric and nitric acids. These then mix with water and other materials before falling to the ground.

Source: <https://www.thehindu.com/sci-tech/energy-and-environment/significant-drop-in-so2-levels-in-india-in-last-decade-iit-kgp-study/article65913462.ece>

Q.4) With reference to the SCALE app, consider the following statements:

1. It offers a one stop service for the skilling and employment needs of the leather industry.
2. The app has been developed by the Leather Sector Skill Council.
3. It allows only people aged above eighteen years to access online live streamed classes.

Which of the statements given above are correct?

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

Answer: B

Explanation –

The SCALE (Skill Certification Assessment for Leather Employees) app provides a one-stop solution for skilling, learning, assessment, and employment needs of the leather industry, The Leather Skill Sector Council (LSSC) has developed an Android App SCALE.

The SCALE studio App developed by Leather SSC allows people from all age groups interested in leather craft to access online live streamed classes from the state-of-the-art studio at its office.

Source: <https://www.livemint.com/news/india/pradhan-launches-scale-app-for-skill-development-in-leather-industry-11663677031861.html>

Q.5) With reference to India's Leather Industry, consider the following statements;

1. Leather Industry is an employment-intensive industry.
2. India is the world's largest producer and consumer of footwear in the world.

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: A

Statement 1 is correct: The leather industry is an employment-intensive industry providing jobs to more than 4 million people.

Statement 2 is incorrect: The Leather industry in India accounts for around 13% of the world's leather production of hides/skins. India is the second-largest producer and consumer of footwear in the world. It accounts for 9% of the world's footwear production.

Source: [PIB](#)

Q.6) The terms ‘proof of work’, ‘proof-of-stake’, was seen in news sometimes, is related to which of the following?

- a. Service Sector
- b. Gig workers
- c. Block chains
- d. Agriculture

Answer: C

Ethereum blockchain platform fully transitioned from ‘proof of work’ to a ‘proof-of-stake’ consensus mechanism and this revamp is known as the Merge.

Source: [Indian Express](#)

Q.7) With reference to ‘triple dip’ La Niña, consider the following statements;

- 1. It is a period where the La Niña period extends for up to three consecutive seasons in a year.
- 2. La Niña is associated with very dry winters in the USA.

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: B

Statement 1 is incorrect: It is a period where the La Niña period extends for up to three consecutive winters.

Statement 2 is correct: La Niña is associated with very dry winters in the USA. In Australia and Indonesia, and generally in the tropical region, La Niña is expected to bring more rainfall.

Source: [IE](#)

Q.8) With reference to Global Registry of Fossil Fuels, consider the following statements;

- 1. It is the first-of-its-kind database for tracking the world’s fossil fuel production, reserves and emissions.
- 2. It was launched by Carbon Tracker and the Global Energy Monitor.

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

Statement 1 is correct: It is the first-of-its-kind database for tracking the world’s fossil fuel production, reserves and emissions.

Statement 2 is correct: It was launched by Carbon Tracker and the Global Energy Monitor.

Source: [Indian Express](#)

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Q.9) Which of the following is/are the impacts of Stubble burning?

1. It releases harmful gases including nitrogen oxide and carbon monoxide into the atmosphere.
2. Stubble burning results in increased soil fertility.
3. It can cause eye and breathing troubles for people.

Select the correct answer using the codes given below;

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

Answer: C

Stubble burning degrades soil fertility, destroys organic fertilizers and reduces ground water levels.

Source: [Business Standard](#)

Q.10) Consider the following pairs, Famous schemes and programs

- | | |
|---|--------------------|
| 1. Project Excel | -Associated states |
| 2. Kudi Maramathu Scheme | -Maharashtra |
| 3. Farmer Registration and Unified Beneficiary Information System (FRUITS)-Kerala | -Tamil Nadu |

How many pairs given above are correctly matched?

- a) Only one pair
- b) Only two pairs
- c) None of the pairs
- d) All three pairs

Answer: A

Famous schemes and programs

- | | |
|--|--------------------|
| 1. Project Excel | -Associated states |
| 2. Kudi Maramathu Scheme | -Gujarat |
| 3. Farmer Registration and Unified Beneficiary Information System (FRUITS)-Karnataka | -Tamil Nadu |

Source: [Times of India](#)

PRELIMS

Q.1) With reference to India Hypertension Control Initiative (IHCI) consider the following statements:

1. This initiative has recently won WHO Special Programme on Primary Health Care Award.
2. This initiative was launched in the 2015.
3. Under this initiative India has targeted to completely end the blood pressure problems by 2025.

Which of the statements given above is/are correct?

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

Answer: A

Explanation –

Statement 1: IHCI has recently won 2022 ‘UN Interagency Task Force, and WHO Special Programme on Primary Health Care Award’ at the UN General Assembly.

Statement 2: this was launched in the year 2017.

Statement 3: One of the objectives under this initiative is to reduce the prevalence of blood pressure by 25% by 2025.

Source: <https://www.indiatoday.in/india/story/united-nations-awards-india-initiative-against-hyper-tension-2003078-2022-09-21>

Q.2) Which of the following will be likely the impact of US recession on the Indian economy?

- a) Merchandise imports may increase
- b) Merchandise exports may decrease
- c) A rise in the GDP
- d) Decline in the policy rates

Answer: B

Explanation –

US are one the important trading partners of India. Its market share in India's merchandise exports stood at 18.1% in FY 2022. The recession in the US may decrease merchandise exports of India. Software exports will be the worst hit by the recession.

Source: <https://timesofindia.indiatimes.com/business/india-business/explained-how-a-recession-in-us-may-impact-india/articleshow/94350648.cms>

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Q.3) With reference to electoral bonds consider the following statements:

1. It is a financial instrument issued for making donations to NGOs.
2. The bond does not have any maximum limit.
3. Only State Bank of India is authorized to issue these bonds.

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: The statement is incorrect. Electoral Bonds are the financial instruments issued for making donations to political parties.

Statement 2: The bonds are issued in multiples of Rs. 1,000, Rs. 10,000, Rs. 1 lakh, Rs. 10 lakh and Rs. 1 crore. It does not have any maximum limit.

Statement 3: State Bank of India is only authorized to issue these bonds and encash these bonds. These bonds are valid for fifteen days from the date of issuance.

Source:<https://www.thehindu.com/news/national/electoral-bonds-scheme-and-supreme-court-pleas/article65905743.ece>

Q.4) With reference to Broad-billed Sandpiper consider the following statements:

1. These are migratory birds.
2. They are Nearly Threatened (NT) in the IUCN Red Data List.

Select the correct statements using the codes given below:

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

Answer: A

Explanation –

Statement 1: Broad-billed Sandpipers are migratory birds. They are found in Northern Europe, particularly in the Nordic Countries such as Norway, Sweden, Finland, and in Siberia.

Statement 2: The statement is incorrect. They are Least Concern (LC) in the IUCN Red Data Book.

Source:<https://www.thehindu.com/news/national/tamil-nadu/broad-billed-sandpiper-spotted-for-the-first-time-at-nanjarayan-tank-bird-sanctuary-in-tiruppur/article65921537.ece>

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Q.5) With reference to Live streaming of Supreme Court proceedings, consider the following statements;

1. Currently, none of the Higher courts live stream their proceedings in India.
2. The Supreme Court has not decided to live stream all of their cases.

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: B

Statement 1 is incorrect: Gujarat High Court began live-streaming its proceedings in July 2021. Currently, the Jharkhand, Karnataka, Madhya Pradesh, Orissa, and Patna High Courts live stream their proceedings.

Statement 2 is correct: The Supreme Court has decided to live stream its proceedings only in crucial Constitution Bench cases that will be heard from September 27, 2022.

Source: [Indian Express](#)

Q.6) With reference to Zero-for-zero agreements, consider the following statements;

1. These agreements usually exclude zero items and often apply zero tariffs in FTAs for the signing countries.
2. India usually signs Zero-for-zero agreements with other countries.

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: A

Statement 1 is correct: These agreements usually exclude zero items and often apply zero tariffs in FTAs for the signing countries.

Statement 2 is incorrect: Indian FTAs are inherently limited, leaving out many of the highest consumption items or imposing extended tariffs with long adjustment periods. On the other hand, ASEAN, China, South Korea and Japan have much wider and deeper FTAs focus on Zero-for-zero agreements.

Source: [Business Standards](#)

Q.7) The terms Chutia, Koch-Rajbongshi, Kurmi, were sometime seen in news, related to which of the following?

- a) Regional languages of India facing severe threats.
- b) Religious communities demanding inclusion in the ST list.
- c) Tributary Rivers of Brahmaputra.
- d) Local fish species contain high amino acids.

Answer: B

People belonging to the Kurmi community blocked railway tracks in various parts of Eastern India demanding their inclusion on the list of Scheduled Tribes (ST) and the inclusion of the Kurmal language in the Eighth Schedule of the Constitution.

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The renewed stir by the Kurmis comes at a time when six communities in Assam — Adivasi, Chutia, Koch-Rajbongshi, Matak, Moran and Tai-Ahom — too have threatened to launch an agitation over the “inordinate delay” in their inclusion in the ST list.

Source: [The Hindu](#)

Q.8) Which of the following countries share their land border with Egypt?

1. Israel
2. Sudan
3. Jordan
4. Libya

Select the correct answer from the codes given below;

- a) 2 and 4 only
- b) 1, 2 and 4 only
- c) 1 and 3 only
- d) 4 only

Answer: B



Image source: Mappr

Source: [Times of India](#)

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Q.9) With reference to eSIM Technology, consider the following statements;

1. eSIMs are more helpful during emergency situations than the normal SIMs.
2. An eSIM provides security to sim theft, as there is no physical element to pull out.
3. eSIM phones provide more control to telecom operators.

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: B

Statement 1 is incorrect: eSIMs are less helpful during emergency situations than the normal SIMs. For instance, If a phone stops working, runs out of battery or simply falls and gets a cracked screen, then the communication is brought to a complete standstill with eSIMs.

Traditional SIMs, meanwhile, can be quickly pulled out of the affected phone and inserted into another backup device or secondary phone.

Statement 2 is correct: An eSIM provides security to sim theft, as there is no physical element to pull out and use in another device.

Statement 3 is correct: An eSIM may save one's initial trip to the telecom operator's store to get a SIM card, but one has to rely on the operator while switching one's phone. Operators may charge extra for eSIM plans or for switching phones, in the future.

Source: [Indian Express](#)

Q.10) With reference to Long Range Radio (LoRa), consider the following statements;

1. It is a wireless modulation technique in the physical layer, allowing long-range communication using a chirp spread spectrum.
2. LoRa technology uses dedicated radios, which are not usually present in end-user devices, limiting interferences from other devices.

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

Statement 1 is correct: It is a wireless modulation technique in the physical layer, allowing long-range communication using a chirp spread spectrum.

Statement 2 is correct: LoRa technology uses dedicated radios, which are not usually present in end-user devices, limiting interferences from other devices.

Source: [BusinessLine](#)

PRELIMS

Q.1) Advanced Dvorak Technique (ADT) is associated with –

- a) Tracking climate change
- b) Organic fertilizers
- c) Space missions
- d) Tracking cyclones

Answer: D

Dvorak technique helps forecasters to do pattern recognition from the observed structure of the storm, locate its eye and estimate the intensity of the storm.

Through this statistical technique scientists are able to measure the cyclone's convective cloud pattern — curved bands, eye and central dense or cold region and shear. It is the Dvorak technique which gives the best estimates of the cyclone intensity — a vital component while issuing weather warnings.

Source:<https://indianexpress.com/article/explained/explained-climate/dvorak-cyclone-intensity-estimation-technique-explained-8165811/>

Q.2) With reference to IBSA forum consider the following statements:

- a) This forum brings the member countries to bring North-South Cooperation.
- b) It does not have any fixed headquarter.

Select the correct statement using the codes given below:

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

Answer: B

Explanation-

Statement 1: The statement is incorrect. IBSA (India, Brazil and South Africa) forum brings the member countries to foster South-South Cooperation.

Statement 2: it does not have any fixed secretariat or headquarter. The countries organize summits from time to time.

Source:<https://www.thehindu.com/news/international/india-other-ibsa-countries-call-for-immediate-cessation-of-hostilities-in-ukraine/article65922204.ece>

Q.3) Consider the following statements:

- 1. There has been stagnation in the prices.
- 2. There has been decline in efficiency of plantations.
- 3. There has been a high export demand.

Which of the above is correct regarding the tea industry in India?

- 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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The paper, 'Value chain configuration in the Indian tea economy: A historical perspective' has suggested that the crisis in Indian tea is largely on account of a) stagnating prices, b) declining efficiency of plantations - medium-sized ones in particular - and c) stagnant export demand.

Source: <https://www.thehindu.com/news/national/kerala/restructuring-of-plantations-mooted-to-increase-tea-production/article65910139.ece>

Q.4) With reference to tokenization of Debit and Credit cards consider the following statements:

1. Tokenization refers to replacement of actual card details with an alternate code called the token.
2. Only domestic online transactions can use tokenization.

Select the correct statement is using the code given below:

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

Answer: C

Explanation –

As per the RBI, Tokenization refers to replacement of actual card details with an alternate code called the token. It will be unique for a combination of card, token requestor (i.e., the entity that accepts requests from customers for tokenization of a card and forwards them to the card network to issue a corresponding token), and device (referred to herein as identified device)."

The tokenization system is completely optional and without any strings attached. It makes payments easier while protecting our data. Only domestic online transactions can use tokenization.

Source: <https://www.dnaindia.com/business/report-rbi-s-new-rules-to-take-effect-from-october-1-steps-to-tokenise-credit-cards-debit-cards-2987245>

Q.5) Dharmshala Declaration, was recently seen in news, is related to which of the following?

- a) To achieve net zero emissions target by 2070.
- b) To phase out all the plastics and find alternatives within 2050
- c) To make India global leader in tourism sector by 2047
- d) To improve India's urbanization in a planned manner.

Answer: C

At the National Conference of State Tourism Minister, the "Dharamshala Declaration" was adopted for developing "sustainable and responsible tourism" and positions India as a "global leader in the tourism sector by 2047".

Source: [Hindustan Times](https://www.hindustantimes.com)

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Q.6) With reference to bio-decomposer capsules, consider the following statements;

1. It will accelerate the decomposition from stubble to manure in 15-20 days.
2. It comprises a special virus to accelerate decomposing in anerobic condition.

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: A

Statement 1 is correct: It will accelerate the decomposition from stubble to manure in 15-20 days.

Statement 2 is incorrect: It comprises a Dormant form of decomposing Bacteria and cell mass of Fungal spore, accelerating the process of decomposition under aerobic and anaerobic conditions.

Source: [Economic Times](#)

Q.7) With reference to new work terminologies, consider the following statements;

1. Hustle culture refers to employees doing the bare minimum required of them.
2. Moonlighting is the act of working at an extra job beyond regular working hours.

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: B

Statement 1 is incorrect: Hustle culture is defined as one that encourages employees to work more than normal working hours.

Note: Quiet quitting refers to employees doing the bare minimum required of them.

Statement 2 is correct: Moonlighting is the act of working at an extra job beyond regular working hours, usually without the knowledge of the employer.

Source: [Indian Express](#)

Q.8) With reference to internal democracy of political parties, consider the following statements;

1. The ECI has periodically used guidelines issued for the registration of parties to remind parties to conduct elections every five years.
2. The Election Commission of India have statutory power to enforce internal democracy in parties and can mandate internal elections.

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: A

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Statement 1 is correct: The ECI has periodically used guidelines issued for the registration of parties under Section 29A of the Representation of the People Act, 1951 to remind parties to conduct elections and to ensure that their leadership is renewed, changed or re-elected every five years.

Statement 2 is incorrect: It was launched by US, Australia, New Zealand, Japan and the United Kingdom

Source: [The Hindu](#)

Q.9) Which of the following statements are not correct about plant-based meat products?

- These are made of plant-derived ingredients but are designed to look and taste like real meat.
- Plants muscle tissues, which are elastic and flexible, are used for production of meat.
- For flavour, plant-based meat uses plant-based saturated fats to mimic the intra-muscular fat in animal tissue.
- Beetroot extract, pomegranate powder and soy leghemoglobin are used to mimic the colour(Look) of red meat.

Answer: B

The main challenge in plant-based meat method is plants don't have muscle tissue (elastic and flexible). Instead, they have rigid structures.

Q.10) With reference to the Dvorak technique, consider the following statements;

- It is a Cloud Pattern Recognition Technique (CPRT) based on a concept model of the development and decay of the tropical cyclone.
- In this methodology, available satellite images obtained from polar orbiting satellites are used to examine the features of the developing tropical storms.

Which of the statements given above is/are correct?

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

Answer: C

The Dvorak technique is a Cloud Pattern Recognition Technique (CPRT) based on a concept model of the development and decay of the tropical cyclone.

In this methodology, available satellite images obtained from polar orbiting satellites are used to examine the features of the developing tropical storms (hurricanes, cyclones and typhoons).

Source: [Indian Express](#)

PRELIMS

Q.1) With reference to Carbon Dating Technique consider the following statements:

1. It is a technique used to detect the age using the Carbon-12 isotope.
2. This technique is mostly used to find the age of living things.

Select the correct statement using the code given below:

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

Answer: B

Explanation –

Statement 1: Carbon dating technique used to detect the age using the isotope Carbon-14.

Statement 2: This technique is mostly used to find the age of living things.

Source: <https://indianexpress.com/article/explained/explained-sci-tech/explained-carbon-dating-gyanvapi-mosque-shivling-8168720/>

Q.2) With reference to Avalanche monitoring radar installed in the Sikkim recently consider the following statements:

1. It uses a series of short micro wave pulses to detect an avalanche.
2. It is first radar installed in India.
3. The radar is unable to detect avalanche during the snowfall.

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 –

An avalanche monitoring radar, the first of its kind in India, has been installed in North Sikkim by the Army and Defence Geoinformatics and Research Establishment (DGRE).

The radar uses a series of short micro wave pulses to detect an avalanche in less than three seconds. The radar can permanently scan the targeted slope for avalanche release and track the path of the avalanche and its size.

The radar can see through snow, fog as well as in the night, making it an all-weather solution.

The radar is also linked to an alarm system, enabling automatic control and warning measures in case an avalanche is triggered.

Source: <https://www.thehindu.com/news/national/in-a-first-in-india-avalanche-monitoring-radar-installed-in-north-sikkim/article65926554.ece>

Q.3) Poyang Lake is present in –

- a) Thailand
- b) Bhutan
- c) China
- d) Indonesia

Answer: C

Poyang Lake is the China's biggest freshwater lake. Red alert has been issued recently for this lake as it is drying.

Source: <https://www.indiatoday.in/science/story/china-sounds-red-alert-as-biggest-freshwater-lake-goes-dry-2003852-2022-09-23>

Q.4) With reference to World Health Organization (WHO) consider the following statements:

- 1. It is an organization independent of UN that is responsible for international public health.
- 2. It's headquarter is situated in Geneva, Switzerland.

Select the correct statement using the codes given below:

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

Answer: B

Explanation –

Statement 1: WHO is a specialized organization of the UN which is responsible for international public health.

Statement 2: It's headquarter is situated in Geneva, Switzerland.

Source: <https://www.thehindu.com/news/national/unsafe-care-contributes-to-around-26-million-deaths-in-low-and-middle-income-countries-says-who/article65930359.ece>

Q.5) With reference to BrahMos Missile, consider the following statements;

- 1. It is a two-stage missile that has solid propellant in the first stage and liquid ramjet in the second stage.
- 2. It can only be launched by land and air.

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: A

Statement 1 is correct: It is a two-stage missile that has solid propellant in the first stage and liquid ramjet in the second stage.

Statement 2 is incorrect: It is a multiplatform missile i.e., it can be launched from land, air, and sea and multi capability missile with pinpoint accuracy that works in both day and night irrespective of the weather conditions.

Source: [The Hindu](#)

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Q.6) Chrysalis, was recently seen in the news, is related to which of the following?

- a) A Martian River that has many riverine channels.
- b) A pre-existing moon that likely left Saturn
- c) A newly discovered planet that has a high amount of oxygen in the atmosphere.
- d) A tortoise species that is found in Western Ghats.

Answer: B

According to a recent study, a pre-existing moon named Chrysalis likely left Saturn with its bright rings and extreme tilt. Chrysalis likely orbited Saturn for several billion years, roughly 160 million years ago, Chrysalis became unstable and came too close to its planet. This encounter likely pushed the moon away or destroyed it.

Source: [DTE](#)

Q.7) Which of the following statements is not correct about Millets?

- a) The earliest evidence for these grains has been found in Indus civilization and were one of the first plants domesticated for food.
- b) India is the largest producer of millet in the world.
- c) Ragi is known to have the highest calcium content among all the food grains.
- d) Millets are Photo-sensitive.

Answer: D

Millets are Photo-insensitive (do not require a specific photoperiod for flowering) & resilient to climate change. Millets can grow on poor soils with little or no external inputs.

Source: [PIB](#)

Q.8) With reference to Aliva programme, consider the following statements;

1. Under the programme, Anganwadi workers had been asked to identify every adolescent girl in their jurisdiction and keep tabs on them.
2. It was launched in a small district in Odisha.

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

Nayagarh, a small district in Odisha has adopted a unique initiative to eradicate child marriage by recording information on all adolescent girls in the district.

Under the programme, Anganwadi workers had been asked to identify every adolescent girl in their jurisdiction and keep tabs on them. There are 1,584 registers available in 1,584 Anganwadi centres of the district.

Source: [The Hindu](#)

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Q.9) With reference to tomistoma, consider the following statements;

1. It is a deer species that lives in the areas around North America.
2. It is listed as Vulnerable in IUCN.

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: B

Statement 1 is incorrect: The tomistoma (*Tomistoma schlegelii*) is a large, slender-snouted crocodilian species native to Southeast Asia.

Statement 2 is correct: It is listed as Vulnerable in IUCN.

Source: [CrocodileIndia](#)

Q.10) With reference to banking system liquidity, consider the following statements;

1. It refers to readily available cash that banks need to meet short-term business and financial needs.
2. On a given day, if the banking system is a net lender to the RBI, the system liquidity can be said to be in deficit.

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: A

Statement 1 is correct: It refers to readily available cash that banks need to meet short-term business and financial needs.

Statement 2 is incorrect: On a given day, if the banking system is a net borrower from the RBI under Liquidity Adjustment Facility(LAF), the system liquidity can be said to be in deficit and if the banking system is a net lender to the RBI, the system liquidity can be said to be in surplus.

Source: [Indian Express](#)