

10 PM Current Affairs Quiz Compilation

6th to 11th February, 2023

PRELIMS

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

1. Dialysis is a procedure through which brain tumor is cured.
2. It keeps the body in balance by correcting the levels of various toxic substances in the blood.
3. Pradhan Mantri National Dialysis Programme (PMNDP) envisage the provision of dialysis services through Public Private Partnership mode.

Which of the statement given above are correct?

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

Answer: B

Explanation –

Statement 1 is incorrect. Dialysis is a procedure that removes waste and fluids from the body that the kidneys are not able to remove.

Statement 2 and 3 are correct. Dialysis aims to keep the body in balance by correcting the levels of various toxic substances in the blood. PMNDP envisage the provision of dialysis services through Public Private Partnership mode.

Source: [ForumIAS](#)

Q.2) With reference to Pradhan Mantri Kisan Urja Suraksha Evam Uttham Mahabhiyan (PM-KUSUM), consider the following statements:

1. The scheme encourages farmers to adopt sustainable farming practices by adopting natural fertilizers for the crop.
2. It aims at installing standalone solar-powered agricultural pumps.

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 is incorrect. PM-KUSUM is aimed at ensuring energy security for farmers in India, along with honouring India's commitment to increase the share of installed capacity of electric power from non-fossil-fuel sources to 40% by 2030 as part of Intended Nationally Determined Contributions (INDCs).

Statement 2 is correct. It aims at 20 lakhs installing standalone solar-powered agricultural pumps.

Source: [ForumIAS](#)

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Q.3) With reference to “Living Will” consider the following statements:

1. A Living Will is a document in which an individual discloses his/her health insurance schemes to the government for availing cheaper healthcare services.
2. An adult with a sound and healthy mind can make a living will.
3. A Living Will is a part of National Health Record which can be accessed by Indian hospitals.

Which of the statement given above are correct?

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

Answer: B

Explanation –

Statement 1 is incorrect. Living will is a written document that allows a patient to give explicit instructions in advance about the medical treatment to be administered when he or she is terminally-ill or no longer able to express informed consent. It is a healthcare directive, in which people can state their wishes for their end-of-life care, in case they are not in a position to make that decision.

Statement 2 and 3 are correct. An adult with a sound and healthy mind can make a living will. A Living Will is a part of National Health Record which can be accessed by Indian hospitals.

Source: [ForumIAS](#)

Q.4) With reference to “Kargil Ignited Minds Initiative” consider the following statements:

1. The initiative is aimed at training locals of Kargil and making them competent to fight terrorists.
2. It is an initiative launched by the Indian Army.

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 is incorrect. Kargil Ignited Minds Initiative is an initiative exclusively for girl students of Kargil. It aims to prepare these students for various competitive examinations for admission into various professional colleges and institutions in India.

Statement 2 is correct. It is an initiative launched by the Indian Army.

Source: [ForumIAS](#)

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Q.5) With reference to Sustainable Alternative Towards Affordable Transportation (SATAT), consider the following statements:

1. It aims to support national commitments in achieving climate change goals.
2. It aims to promote the use of green hydrogen as a fuel in the public transport.
3. The initiative would provide benefits to vehicle-users as well as farmers and entrepreneurs.

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 –

Statement 2 is incorrect. SATAT initiative aims to promote Compressed Biogas as an alternative, green transport fuel.

Statement 1 and 3 are correct. The initiative aims to support to national commitments in achieving climate change goals. It would benefit vehicle-users as well as farmers and entrepreneurs.

Source: [ForumIAS](#)

Q.6) Consider the following statements with reference to “Yaya Tso”:

1. It is located in Arunachal Pradesh.
2. The lake in the Yaya Tso is one of the highest breeding sites of the black-necked crane in India.

Select the correct statement using the code given below:

- a) 1 nor 2
- b) 1 only
- c) 2 only
- d) Both 1 and 2

Answer: B

Explanation –

Statement 1 is incorrect. Yaya Tso is located in Ladakh. It is known as a birds’ paradise for its beautiful lake located at an altitude of 4,820 metres.

Statement 2 is correct. The lake in Yaya Tso has the distinction of being one of the highest breeding sites of the black-necked crane in India.

Source: [ForumIAS](#)

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Q.7) Consider the following statements:

1. Biodiversity heritage sites (BHS) are considered as unique and fragile ecosystems that can be marine or terrestrial.
2. The SECURE Himalaya project aims at safeguarding the natural ecosystem of Himalayas by forbidding the constructions related activities in the Himalayan region.

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: A

Explanation –

Statement 1 is correct. BHS are considered as unique and fragile ecosystems that can be marine ecosystems, coastal and inland waters, or terrestrial areas.

Statement 2 is incorrect. The SECURE Himalaya project supports the government's efforts for the conservation of snow leopard and its habitat by developing and implementing a landscape-based approach for Himalayan ecosystems.

Source: [ForumIAS](#)

Q.8) With reference to 'Amorphous Ice' consider the following statements:

1. Amorphous ice's water molecules are in a disorganized form resembling a liquid.
2. Almost all ice in the universe is amorphous and in a form of low-density amorphous ice.

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: C

Explanation –

Statement 1 and 2 are correct. Amorphous ice's water molecules are in a disorganized form resembling a liquid. Almost all ice in the universe is amorphous and in a form of low-density amorphous ice.

Source: [The Indian Express](#)

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Q.9) Consider the following statements:

1. Farmers' cooperative are cooperatives through which farmers pool their resources for their farming activities.
2. The agricultural service cooperatives play a useful role by maintaining a constant flow of essential agricultural services.
3. Commodity-Based Farmer Organisations are village-level organisations that deals with inputs needed by the members and the resource owners to enhance the productivity of their businesses based on land, water or animals.

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 –

Statement 1 and 2 are correct. Farmers' cooperative are cooperatives through which farmers pool their resources for their farming activities. The agricultural service cooperatives play a useful role by maintaining a constant flow of essential agricultural services.

Statement 3 is incorrect. Commodity-Based Farmer Organisations are specialised in a single commodity and opted for value-added products, expanding markets. They are designated as output-dominated organisations. These are generally large and operate in a competitive environment.

Source: [ForumIAS](#)

PRELIMS

Q.1) Which of the following is the objective of 'Mission Sahbhagita'?

- It aims to identify and prevent the emerging threat along the maritime border.
- It facilitates the Direct Benefit Transfer to the farmers.
- It aims bringing financial inclusion for the development of rural economy.
- It aims to effectively manage the network of 75 wetlands of national and international significance.

Answer: D

Explanation – Mission Sahbhagita was launched by the Ministry of Environment, Forest and Climate Change (MoEFCC) in 2022. It aims to healthy and effectively manage the network of 75 wetlands of national and international significance.

Source: [ForumIAS](#)

Q.2) With reference to "Zero-draft pandemic treaty" consider the following statements:

- The draft calls for setting up WHO Global Pandemic Supply Chain and Logistics Network.
- The draft seeks action against China for its irresponsible behaviour in controlling the outbreak of the pandemic.
- The draft calls for intellectual property rights to be waived off during pandemics.

Which of the statements given above is/are correct?

- 1 only
- 1 and 2 only
- 2 and 3 only
- 1 and 3 only

Answer: D

Explanation –

Statement 1 and 3 are correct. The draft calls for setting up WHO Global Pandemic Supply Chain and Logistics Network. The draft calls for intellectual property rights to be waived off during pandemics.

Statement 2 is incorrect. The zero-draft of the pandemic treaty was prepared based on recognising the catastrophic failure of the international community in showing solidarity and equity in response to the novel coronavirus disease (COVID-19) pandemic.

Source: [ForumIAS](#)

Q.3) With reference to Initiative for Critical and Emerging Technologies(iCET) consider the following statements:

- The initiative is being run by the International Security Councils of India and Russia.
- Artificial Intelligence is one of the areas of cooperation included in the iCET.

Select the correct statement using the code given below:

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

Answer: B

Explanation –

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Statement 1 is incorrect. The iCET initiative was launched by India and the US in May 2022. The initiative is being run by the National Security Councils of both countries.

Statement 2 is correct. The six areas for cooperation are – scientific research and development; quantum and artificial intelligence, defense innovation, space, advanced telecom which would include things like 6G and semiconductors.

Source: [ForumIAS](#)

Q.4) With reference to “North Star” consider the following statements:

1. It is also known as Pole Star.
2. It is part of the constellation Ursa Major.
3. North Star position and brightness have made humans to use it for navigation.

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 –

Statement 1 and 3 are correct. North Star is also known as Pole Star. North Star position and brightness have made humans to use it for navigation.

Statement 2 is incorrect. North Star is part of the constellation Ursa Minor.

Source: [ForumIAS](#)

Q.5) With reference to Farmer Producer Organisations (FPOs) consider the following statements:

1. The membership of FPOs is restricted to only primary producers.
2. Maharashtra is one of the states that has the highest number of farmers mobilised per FPO.
3. In an FPO, producers are shareholders in the organization.

Which of the statements given above are correct?

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

Answer: D

Explanation –

Statement 1, 2 and 3 are correct. The membership of FPOs is restricted to only primary producers. Maharashtra is one of the states that has the highest number of farmers mobilised per FPO. In an FPO, producers are shareholders in the organization.

Source: [ForumIAS](#)

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Q.6) Mihir Shah Committee is related to –

- a) Water reforms
- b) Banking reforms
- c) Reforms in the condition of STs in India
- d) Insurance reforms

Answer: A

Explanation – Mihir Shah Committee was related to bringing reforms in the management of water resources.

Source: [ForumIAS](#)

Q.7) Consider the following statements:

- 1. Suez Canal connects Black Sea with the Caspian Sea.
- 2. India is the importer of Egyptian crude oil and natural gas.
- 3. The headquarter of Arab League is located in the Egypt.

Which of the statements given above is/are correct?

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

Answer: D

Explanation –

Statement 1 is incorrect. Suez Canal connects the Mediterranean and the Red seas.

Statement 2 and 3 are correct. India is the importer of Egyptian crude oil and natural gas. The headquarter of Arab League is located in the Egypt.

Source: [ForumIAS](#)

Q.8) Consider the following statements:

- 1. Hydropower is the second highest power producing source globally.
- 2. Hydropower production is expected to increase across the country in the coming future.
- 3. Compared with North India, South India is projected to experience higher warming in the future.

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 –

Statement 1 and 2 are correct. Hydropower is the second highest power producing source at 13% and it is a significant contributor to clean global electricity generation. Hydropower production is expected to increase across the country due to substantial increase in precipitation leading to increased inflow to the reservoirs.

Statement 3 is incorrect. Compared with central and south India, north India is projected to experience higher warming in the future.

Source: [The Hindu](#)

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Q.9) Consider the following statements with reference to aftershocks of earthquake:

1. Aftershocks are a sequence of earthquakes that happen after a larger mainshock.
2. Aftershocks can continue for a longer period of time.
3. Aftershocks are stronger than the main seismic event.

Which of the statements given above is/are correct?

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

Answer: A

Explanation –

Statement 1 and 2 are correct. Aftershocks are a sequence of earthquakes that happen after a larger mainshock. Aftershocks can continue for days, weeks, months, or even years.

Statement 3 is incorrect. Aftershocks are weaker than the main seismic event but they are strong enough to cause the damage.

Source: [The Indian Express](#)

Q.10) With reference to ‘Yuva Sangam Portal’ consider the following statements:

1. It is an initiative for cementing the bond between the northeast and the rest of India.
2. It has been launched by the Ministry of Social Justice and Empowerment.

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: A

Explanation –

Statement 1 is correct. Yuva Sangam Portal is an initiative for cementing the bond between the northeast and the rest of India.

Statement 2 is incorrect. It has been launched by the Ministry of Education.

Source: [DNA](#)

PRELIMS

Q.1) Consider the following statements regarding CAR T-cell therapy

1. CAR T-cell therapies use a patient's own cells
2. This therapy has been approved for leukaemias and lymphomas.

Select the correct answer using the codes given below

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

Answer: C

Statement 1 is correct. Unlike chemotherapy or immunotherapy, which require mass-produced injectable or oral medication, CAR T-cell therapies use a patient's own cells.

Statement 2 is correct. As of today, CAR T-cell therapy has been approved for leukaemias (cancers arising from the cells that produce white blood cells) and lymphomas (arising from the lymphatic system).

Q.2) Which one of the following is not an effect of high public debt ratio?

- a) Government is left with less money to spend on essential items such as infrastructure
- b) It restricts the government's ability to respond to the next economic shock
- c) Reserve Bank of India's ability to conduct an independent monetary policy to control inflation is compromised
- d) Reserve Bank of India's ability to conduct an independent monetary policy to control inflation is strengthened.

Answer: D

A high public debt ratio has three main implications for macro-economic policy over the medium term. First, the interest costs of servicing this public debt leave the government with less money to spend on essential items such as infrastructure, the green transition, welfare programmes, defence and social security. Second, the government's ability to respond to the next shock is restricted when the public debt ratio is already high. Third, the Reserve Bank of India's ability to conduct an independent monetary policy to control inflation is compromised when it also has to worry about managing a mountain of public debt on behalf of the government. T

Q.3) Consider the following statements regarding spy balloons

1. They operate at a low altitude compared to the altitude of commercial aircraft
2. Due to proximity to earth's surface, they capture clearer, high-resolution images of the target.

Select the correct answer using the codes given below

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

Ans) b

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Statement 1 is incorrect. Spy balloons are high-altitude surveillance tools that usually operate at 80,000-1,20,000 feet — well above the cruising altitude of commercial aircraft — to gather intelligence and carry out other military missions.

Statement 2 is correct. Due to their proximity to the Earth's surface, spy balloons can widely scan an area from close quarters and capture clearer, high-resolution images of the target.

Q.4) Which one of the following statements is incorrect?

- a) Urban Heat Islands (UHIs) is one of the causes behind premature deaths in urban areas.
- b) people who live in cities have smaller carbon footprints than those in the suburbs and countryside
- c) Urban green spaces are also associated with a lower prevalence of diabetes.
- d) Europe has recently achieved the 30% of tree coverage in its urban areas.

Ans) d

4.3% of premature deaths in cities during the summer months are attributable to UHI. Studies have shown that people who live in cities have smaller carbon footprints than those in the suburbs and countryside.

Satellite data has shown that 30% of tree coverage is a feasible target in the 93 cities covered in the study, but the average in Europe is still only 14.9%.

Source

Q.5) Low-Earth Orbit Flight Test of an Inflatable Decelerator (LOFTID) technology is associated with –

- a) Exploring rare earth metals.
- b) Detecting unidentified flying object
- c) Helping humans to land on Mars
- d) Observing climate change

Answer: C

Explanation – Low-Earth Orbit Flight Test of an Inflatable Decelerator (LOFTID) technology will help human to land on Mars.

Q.6) Which of the following is not correct about the appointment of State Police Chiefs (Director General of Police)?

- a) Appointments of DGPs are on the basis of the Supreme Court judgment on police reforms in Prakash Singh vs Union of India.
- b) The consent of an officer is required for his/her posting as DGPs.
- c) Centre has the power to not relieve an officer for posting as DGP in the state.
- d) States are supposed to draw up and send to the UPSC a list of eligible officers under certain conditions.

Answer: B

Based on the judgment, the UPSC issued its own guidelines in 2009 on the appointment of police chiefs of states. Under the rules, the consent of an officer is not required for his/her posting.

Source: [Row over Nagaland DGP: How are state police chiefs appointed?](#)

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Q.7) Which of the following is/are the correct about Dhamaal?

1. It is a mix of Sufi and African musical and dance traditions.
2. Baithaaki Dhamaal is performed in both sitting and dance positions.
3. Dhamaal songs and dances are performed to celebrate the anniversary of the birth and death of spiritual leaders.

Select the correct answer from the codes given below;

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

Answer: C

Statements 1 and 3 are correct: Dhamaal is a mix of Sufi and African (mostly East African) musical and dance traditions.

Dhamaal songs and dances are performed by Siddis to celebrate the anniversary of the birth and death of spiritual leaders.

Statement 2 is incorrect: They are performed in two ways — Dance Dhamaal and Baithaaki Dhamaal. The Baithaaki Dhamaal is performed in the sitting position and the Dance Dhamaal is performed in both sitting and dance positions.

Source: [DTE](#)

Q.8) Hydrogen for Heritage Project, is sometimes seen in the news, is related to which of the following?

- a) To make hydrogen as a power source for heritage complexes.
- b) To run hydrogen powered trains in historic, narrow-gauge routes.
- c) To make hydrogen buses for Site visits from the officials of Archeological Survey of India.
- d) To create hydrogen cells at low cost for road transportation.

Answer: B

Under this project, hydrogen-powered trains will be created and known as Vande Metro.

It will initially run on historic, narrow-gauge routes including the Darjeeling Himalayan Railway, the Nilgiri Mountain Railway, the Kalka Shimla Railway, the Matheran Hill Railway, the Kangra Valley, the Bilmora Waghai, and the Marwar-Devgarh Madriya, which will make travel more environmentally friendly.

The first hydrogen train designed and manufactured locally will be ready by December 2023 on the Kalka-Shimla historic circuit.

Source: [Why railways around the world are ditching diesel for hydrogen](#)

Q.9) With reference to res-judicata, consider the following statements;

1. It is applied when a litigant attempts to file a subsequent lawsuit on the same matter after having received a judgment in a previous case involving the same parties.
2. The concept is applicable only on Criminal 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: A

Statement 1 is correct: Res judicata literally means ‘the thing has been judged’. The principle of res judicata is applied when a litigant attempts to file a subsequent lawsuit on the same matter after having received a judgment in a previous case involving the same parties.

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Statement 2 is incorrect: Res Judicata as a concept is applicable both in case of Civil as well as Criminal cases.

Source: [Res judicata](#)

Q.10) Which of the following can be the potential applications of Generative AI?

1. Craft sales, marketing and brand messaging.
2. Reduce the burden of human research.
3. Simulate complex engineering, design, and architecture.

Select the correct answer from the codes given below;

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

Answer: D

Generative AI can craft sales, marketing and brand messaging: Agencies can generate personalized social media posts, blogs and marketing text and video copies by providing a text prompt to a Generative AI service like ChatGPT.

Reduce the burden of human research: It can help sift through numerous legal research materials and produce a pertinent, specific and actionable summary. As a result, it can reduce the countless hours of human research and enable them to focus on more complex and exciting problems.

Help in designing: It can also help create and simulate complex engineering, design, and architecture. It can help speed up the iterative development and testing of novel designs.

Personalized Health treatments: It can also help health professionals with their medical diagnosis. AI can generate potential and alternative treatments personalized to patients' symptoms and medical history. For instance, DeepMind AlphaFold can predict the shape of the protein.

Source: [Make In IndIA – As Google comes up with a ChatGPT rival & AI becomes ubiquitous, here's what GoI must do](#)

PRELIMS

Q.1) Which one of the following countries is a part of Nordic countries, but not of Scandinavian countries?

- a) Denmark
- b) Finland
- c) Norway
- d) Sweden

Ans) b

The Nordic Region consists of Denmark, Norway, Sweden, Finland, and Iceland, as well as the Faroe Islands, Greenland, and Åland.

While, the term 'Scandinavia' is commonly used for Denmark, Norway and Sweden.

Source – [The Hindu](#)

Q.2) Consider the following statements:

1. In India, the candidate's name is effectively made public after their selection by the collegium.
2. Once a collegium recommendation has been made, there is no mechanism available to challenge it.

Select the correct answer using the codes given below

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

Ans) a

Statement 1 is correct. In India, the candidate's name is effectively made public after their selection by the collegium. The selection process is behind closed doors, where the parties involved are the collegium and the government (through the Intelligence Bureau).

Statement 2 is incorrect. Once a collegium recommendation has been made, the only way of contesting it is through a legal challenge. However, that challenge must be before the Supreme Court itself, leading to a set of awkward situations: the decision of the collegium — the three (or five) senior-most judges of the Supreme Court — must be challenged before their own junior colleagues.

Q.3) Consider the following statements regarding labour force participation rate (LFPR)

1. LFPR is the percentage of the population in working age-groups that is employed.
2. Periodic Labour Force Survey (PLFS) provides data of both LFPR and Worker Population Ratio (WPR).

Select the correct answer using the codes given below

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

Ans) b

Statement 1 is incorrect. It also includes those who are unemployed, in the working age group but willing to work. LFPR is the percentage of the population (in working age-groups) that is employed, or is looking for work, but is unemployed.

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Statement 2 is correct. The Periodic Labour Force Survey (PLFS) gives estimates of Key employment and unemployment Indicators like, the Labour Force Participation Rates (LFPR), Worker Population Ratio (WPR), Unemployment Rate (UR), etc. These indicators, and the 'Usual Status' and 'Current Weekly Status' are defined as follows:

Labour Force Participation Rate (LFPR): LFPR is defined as the percentage of persons in labour force (i.e. working or seeking or available for work) in the population.

Worker Population Ratio (WPR): WPR is defined as the percentage of employed persons in the population.

Unemployment Rate (UR): UR is defined as the percentage of persons unemployed among the persons in the labour force.

[Link](#)

Q.4) Consider the following statements:

1. Less than 50% of India is prone to earthquake of different magnitudes.
2. More than 10% of India falls under very high-risk seismically volatile Zone V.

Select the correct answer using the codes given below

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

Ans) b

Statement 1 is incorrect, statement 2 is correct. Around 59% of India is prone to earthquakes of different magnitudes – 11% in the very high-risk Zone V (Kashmir Valley, western Himachal, eastern Uttarakhand, the Northeast, Rann of Kutch), 18% in high-risk Zone IV (Delhi, parts of Maharashtra, Haryana, UP, Bengal and Bihar), and 30% in Zone III (Kerala, Goa, Lakshadweep, parts of MP, Jharkhand, Chhattisgarh).

Q.6) Which of the following is/are the benefits of disinvestment?

1. Bridge the revenue shortfall for that year.
2. Help government to invest in social sector programmes.
3. Encourage private ownership of assets.

Select the correct answer from the codes given below;

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

Answer: D

The government may disinvest in order to a) reduce the fiscal burden or bridge the revenue shortfall for that year, b) finance the fiscal deficit, c) invest in the economy and development or social sector programmes, d) reduce government debt, e) encourage private ownership of assets and trading in the open market.

If disinvestment is successful, it also means that the government does not have to fund the losses of a loss-making unit anymore.

Source: [Explained | The status and proceeds of disinvestment](#)

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Q.7) Which of the following statement is not correct Vermin species?

- Vermins are not clearly defined in the Wildlife Protection Act, 1992.
- Both Centre and State governments can declare a species as Vermin.
- Wild animal species which are placed in Schedule I and Schedule II of the Wildlife Protection Act, 1972 cannot be declared as Vermin.
- Vermins can be hunted.

Answer: B

The Wildlife (Protection) Act, 1972 states that the central government can declare any wild animal as vermin except those are in Schedule I and Schedule II of the Act.

Source: [Vermins](#)

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

- Quasicrystals are not formed in Nature and they are always formed under laboratory conditions.
- Quasicrystals can be used in surgical instruments, LED lights and non-stick frying pans.

Which of the statements given above is/are correct?

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

Answer: B

Statement 1 is incorrect: Quasicrystal, also called quasi-periodic crystal, is a matter formed atomically in a manner somewhere between the amorphous solids of glasses and the precise pattern of crystals. Recently, Scientists have discovered a third natural source of quasicrystals.

Statement 2 is correct: Quasicrystals can be used in surgical instruments, LED lights and non-stick frying pans. They have poor heat conductivity, which makes them good insulators.

Other potential applications include selective solar absorbers for power conversion, broad-wavelength reflectors, and bone repair and prostheses applications where biocompatibility, low friction and corrosion resistance are required.

Source: [Quasicrystal](#)

Q.9) With reference to the NISAR (NASA-ISRO Synthetic Aperture Radar) Mission, consider the following statements;

- It consists of both L-band and S-band Synthetic Aperture Radar (SAR) instruments, which makes it a dual-frequency imaging radar satellite.
- It is a Geostationary Earth Orbit (GEO) observatory which will have the capacity to map the entire globe in 24 hours.

Which of the statements given above is/are correct?

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

Answer: A

Statement 1 is correct: NISAR has been built by space agencies of the US and India under a partnership agreement signed in 2014.

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It consist of both L-band and S-band Synthetic Aperture Radar (SAR) instruments, which makes it a dual-frequency imaging radar satellite.

Statement 2 is incorrect: It is a Low Earth Orbit (LEO) observatory which will have the capacity to map the entire globe in 12 days.

Source: [The Hindu](#)

Q.10) Amrit Sarovar Mission, is sometimes seen in the news, is related to which of the following?

- a) To increase ground water resources in urban areas.
- b) To overcome the water crisis in rural areas.
- c) To enhance rain water harvesting in drought prone regions.
- d) To create artificial wetlands in metropolitan cities.

Answer: B

Mission Amrit Sarovar was launched as part of India's "Azadi Ka Amrit Mahotsav" celebrations for the 75th year of independence.

The mission aims to construct/rejuvenate at least 75 Amrit Sarovars in each district across India to overcome the water crisis in rural areas.

Source: [PIB](#)

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PRELIMS

Q.1) With reference to National Programme for Dairy Development (NPDD), consider the following statements:

1. The programme aims at establishing a public dairy enterprise in order to provide better return to cattle keeping farmers.
2. It focuses towards strengthening of infrastructure for quality milk testing equipment as well as primary chilling facilities.

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 is incorrect. NPDD is a Central Sector Scheme launched in 2014. It aims to enhance quality of milk and milk products and increase share of organized milk procurement by creating required infrastructure. It does not aim at creating public dairy company.

Statement 2 is correct. NPDD focuses towards strengthening of infrastructure for quality milk testing equipment as well as primary chilling facilities.

Source: [ForumIAS](#)

Q.2) The term ‘res-judicata’ was seen in the news recently, it means –

- a) A case in which there has been a final judgment and that is no longer subject to appeal.
- b) A process of dismissing an advocate from appearing the court for any criminal case.
- c) A special Rajya Sabha session conducted by the Vice-President of India on the matter of national importance.
- d) The procedure through which Prime Minister of India selects the Cabinet Secretary.

Answer: A

Explanation –

Res-judicata is a judicial concept which means that the issue before the court has already been decided by another court, between the same parties. Therefore, the case can no longer be appealed.

Source: [ForumIAS](#)

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Q.3) Consider the following statements with reference to 'Microfinance':

1. Microfinance loans do not require any collateral.
2. They provide loans for a longer period of time.
3. Micro savings accounts allow entrepreneurs operate savings accounts with no minimum balance.

Select the correct statement using the codes given below:

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

Answer: C

Explanation –

Statement 1 and 3 are correct. Microfinance loans do not require any collateral. Micro savings accounts allow entrepreneurs operate savings accounts with no minimum balance.

Statement 2 is incorrect. Microfinance Institutions provide loans for a short duration.

Source: [ForumIAS](#)

Q.4) With reference to 'Hydropower' consider the following statements:

1. Hydropower is a renewable source of energy.
2. Hydroelectric generation is 100% free from greenhouse gas emission.
3. Hydroelectric generation reduces dependence on fossil fuel.

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 –

Statement 1 and 3 are correct. Hydropower is a renewable source of energy. Hydroelectric generation reduce dependence on fossil fuel.

Statement 2 is incorrect. Hydroelectric generation is not 100% free from greenhouse gas emission.

Source: [ForumIAS](#)

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Q.5) With reference to “Energy Transition” consider the following statements:

1. Energy Transitions refers to the transformation of the energy sector from fossil-based systems of energy production and consumption to renewable energy sources.
2. This is the first time that the world is heading towards energy transitions.
3. International Solar Alliance is one of the ways towards energy transition.

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 –

Statement 1 and 3 are correct. Energy Transitions refers to the transformation of the energy sector from fossil-based systems of energy production and consumption to renewable energy sources. International Solar Alliance is one of the ways towards energy transition.

Statement 2 is incorrect. The human civilisation has witnessed energy transition in the past as well, e.g., the transition from wood to coal happened in the 17th and 18th centuries. The shift from coal to oil occurred predominantly in the 20th century.

Source: [ForumIAS](#)

Q.6) With reference to Micro, Small, and Medium Enterprise (MSMEs) consider the following statements:

1. MSMEs are India’s largest employer outside of agriculture.
2. A majority of the manufacturing MSMEs are unregistered.
3. An organization registered as MSME faces less competition in the market.

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 –

Statement 1 and 2 are correct. MSMEs are India’s largest employer outside of agriculture. Almost 86% of the country’s manufacturing MSMEs are unregistered.

Statement 3 is incorrect. Competition is high in the market even for MSMEs. Although by registering as an MSME, the organization gets benefit from the government but this does not reduce the competition in the market.

Source: [ForumIAS](#)

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Q.7) Which of the following are the benefits of the Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS)?

1. Rural development
2. Women empowerment
3. Battling uncertainties
4. Population control

Select the correct code given below:

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

Answer: C

Explanation –

Following are the benefits of MGNREGS – Rural Development, Women, Empowerment, Battling uncertainties like pandemic, community assets, etc.

Source: [ForumIAS](#)

Q.8) With reference to the Hittite Empire, consider the following statements:

1. The Empire existed during the Iron Age.
2. It was resilient against regular sociopolitical, economic and environmental challenges of its time.
3. They were famous for their skill in building and using chariots.

Which of the statements given above are correct?

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

Answer: B

Explanation –

Statement 1 is incorrect. The Hittite Empire existed during the Bronze Age.

Statement 2 and 3 are correct. Hittite Empire was resilient against regular sociopolitical, economic and environmental challenges of its time. They were famous for their skill in building and using chariots.

Source: [The Print](#)

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Q.9) Consider the following statements:

1. Currently, Marine Protected Areas (MPAs) represent only about 6 per cent of the ocean.
2. Fully marine protected areas prevent extractive activities, while highly protected MPAs allow light extractive activities.

Select the correct statements using the codes given below:

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

Answer: C

Explanation –

Statement 1 and 2 are correct. Currently, Marine Protected Areas (MPAs) represent only about 6 per cent of the ocean. Fully marine protected areas prevent extractive activities, while highly protected MPAs allow light extractive activities.

Source: [DTE](#)

Q.10) Consider the following statements:

1. Section 69 of the IT Act allows the government to issue content-blocking orders to online Internet Service Providers (ISPs) on the grounds of dissatisfaction of the government.
2. Cesses and surcharges in 2023-24 budget have seen one of the lowest increases in recent years.

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. Section 69 of the IT Act allows the government to issue content-blocking orders to online Internet Service Providers (ISPs) if the information or content being blocked to be deemed a threat to India's national security, sovereignty, or public order.

Statement 2 is correct. Cesses and surcharges in 2023-24 budget are expected to see one of the lowest increases in recent years.

Source: [The Indian Express](#)