

10 PM Current Affairs Quiz Compilation

November, 2022

PRELIMS

Q.1) With reference to UDAN scheme consider the following statements:

1. It aims at increasing the air-connectivity across the metro cities in India.
2. It aims at making air fare affordable.

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

Explanation –

UDAN scheme aims at increasing the air-connectivity of the non-metro cities (Tier-I and Tier-II) by making the airfare affordable. The scheme is being funded by both central and state government.

Source: [The Times of India](#)

Q.2) Consider the following statements:

1. OneWeb satellites operate in Low Earth orbit (LEO).
2. The orbital period of Geosynchronous satellites is shorter than the satellites operating in the Low Earth Orbit.

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: OneWeb satellites operate in Low Earth orbit (LEO). It is being launched by ISRO.
Statement 2: The statement is incorrect. The orbital period of Geosynchronous satellites is longer than the satellites operating in the Low Earth Orbit.

Source: [India Today](#)

Q.3) Consider the following statements:

1. India is the world's largest producer and consumer of sugar and second largest exporter of sugar.
2. Sugar beet and sugarcane has the highest percentage of sucrose of all the plants.

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 –

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Statement 1: India is the world's largest producer and consumer of sugar and second largest exporter of sugar.

Statement 2: Sugar beet and sugarcane has the highest percentage of sucrose of all the plants.

Source: [Live Mint](#)

Q.4) Which of the following indicator is not used as indicator in calculating Global Hunger Index (GHI)?

- a) Undernourishment
- b) Child stunting
- c) Child mortality
- d) Maternal Mortality

Answer: D

Explanation –

Global Hunger Index (GHI) uses four indicators to calculate hunger – Undernourishment, Child stunting, Child mortality and child wasting.

Source: [The Indian Express](#)

Q.5) Which of the following personality is considered as Mughal Mirabai?

- a) Mah Chuchak Begum
- b) Maham Anaga
- c) Taj Bibi
- d) Aisan Daulat Begum

Answer: C

Taj Bibi, also known as the 'Mughal Mirabai' was the daughter of a Muslim nobleman named Padma Khan.

Taj Bibi was married to Emperor Akbar and was appointed by the Mughals to protect the Gokul area.

She wrote poetry during the Mughal time when the ruling class belonged to the Muslim religion.

Source: [Raskhan and Taj Bibi](#)

Q.6) Which of the following countries are part of IMT TRILAT (Trilateral maritime Exercise)?

- 1. India
- 2. Myanmar
- 3. Mozambique
- 4. Thailand

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) 1, 3 and 4 only

Answer: C

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IMT TRILAT is a trilateral maritime exercise among the Indian, Mozambique and Tanzania navies.

The first edition of India-Mozambique-Tanzania Trilateral Exercise(IMT TRILAT) has started at Dar Es Salaam, Tanzania.

Source: [INDIAN NAVY PARTICIPATES IN MAIDEN TRILATERAL EXERCISE WITH MOZAMBIQUE AND TANZANIA](#)

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

1. It is the waste generated in the Bayer process of alumina production from bauxite.
2. Red Mud tiles can be used to build radiation shielding structures in diagnostic X-rays, CT scanner rooms.
3. Red Mud is not considered as a toxic and have no properties of leaching.

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: A

Statement 1 and 2 are correct: Red Mud is the waste generated in the Bayer process of alumina production from bauxite. It is also known as bauxite residue.

Red Mud is defined as a “High Volume Low Effect Waste”. Nearly 1 to 1.5 tonnes of RM is being generated while producing one tonne of alumina from the bauxite ore through the Bayer process.

These tiles can be used to build radiation shielding structures in diagnostic X-rays, CT scanner rooms, Cath labs, bone mineral density, dental X-rays, etc instead of the toxic lead sheet to protect the public from radiation hazards.

Statement 3 is incorrect: Red Mud is considered to be toxic due to its extreme alkalinity and heavy element leaching.

Source: [Advanced Materials and Processes Research Institute \(AMPRI\), Bhopal Converts Red Mud into X-ray shielding tiles](#)

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

1. India has a centralised legislation to exclusively deal with crimes related to witchcraft, superstition or occult-inspired activities.
2. Bihar was the first State to enact a law to prevent witchcraft.

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: In India, there is no central law that exclusively deals with crimes related to witchcraft, superstition or occult-inspired activities.

In 2016, MP Raghav Lakhanpal introduced the Prevention of Witch-Hunting Bill in the Lok Sabha, but it wasn't passed.

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Statement 2 is correct: Bihar was the first State to enact a law to prevent witchcraft, identification of a woman as a witch and eliminate torture, humiliation and killing of women. Similarly, other states like Jharkhand, Chhattisgarh, Assam, Maharashtra and Karnataka have also passed the act.

Source: [Are there anti-superstition laws in India?](#)

Q.9) With reference to the benefits of Miyawaki Method, consider the following statements;

1. Miyawaki forests grow 10 times faster and become 30 times denser and 100 times more biodiverse than conventional methods.
2. The saplings of Miyawaki forests become self-sustainable after the first three years.

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

Faster Process and Dense Forest: This method creates mini forests. They grow 10 times faster and become 30 times denser and 100 times more biodiverse than those planted through conventional methods. **(Statement 1 is correct)**

- **Faster Regeneration of Land:** Miyawaki forests are designed to regenerate land in far less time. It takes over 70 years for a forest to recover on its own.
- **Self Sustainable:** The saplings become self-sustainable after the first three years. **(Statement 2 is correct).**
- **Environmental Benefits:** These mini forests help lower temperatures in concrete heat islands, reduce air and noise pollution, attract local birds and insects, and create carbon sinks.

Source: [PM dedicates Maze Garden and Miyawaki Forest in Ekta Nagar, Gujarat](#)

Q.10) Which of the following statement is not correct about the Kalanamak Rice?

- a) It is a traditional type of rice with a black husk and a powerful fragrance.
- b) This rice is rich in micronutrients such as iron and zinc and can help prevent Alzheimer's.
- c) The rice has been awarded the Geographical Indication(GI) tag in 2013.
- d) The rice is not prone to lodging and provide high yield compare to other traditional varieties.

Answer: D

Kalanamak has been prone to 'lodging' which is one of the reasons for its low yield.

Note: Lodging is a condition in which the top of the plant becomes heavy because of grain formation, the stem becomes weak, and the plant falls to the ground.

Source: [Kalanamak rice](#)

PRELIMS

Q.1) The Emission Gap Report is published by –

- a) United Nation Environment Programme
- b) Food and Agriculture Organisation
- c) World Health Organisation
- d) International Atomic Energy Agency

Answer: A

Emission Gap Report is published by United Nations Environment Programme (UNEP). Emission Gap Report 2022 has been released recently.

Source: [The Indian Express](#)

Q.2) Which of the following countries does not border the Black Sea?

- a) Ukraine
- b) Russia
- c) Turkey
- d) France

Answer: D

Explanation –

The Black Sea is located at the southeastern extremity of Europe. It is bordered by Ukraine to the north, Russia to the northeast, Georgia to the east, Turkey to the south, and Bulgaria and Romania to the west.

Source: [The Indian Express](#)

Q.3) With reference to Amur Falcon birds consider the following statements:

- 1. It is the longest flying migratory bird on earth.
- 2. They are Nearly Threatened 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

Amur Falcon birds are the longest flying migratory bird on earth. They have been listed as Least Concern in IUCN Red Data List.

Source: [The Hindu](#)

Q.4) Consider the following statements with respect to suspension bridge:

1. The deck of the suspension bridge holds the load of the structure which is held in place by vertical suspenders supporting the cables.
2. The bridge works by using cantilevers.

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

Explanation –

The deck of the suspension bridge holds the load of the structure which is held in place by vertical suspenders supporting the cables.

Source: [The Times of India](#)

Q.5) Two-finger test, is sometime seen in news, is related to which of the following?

- a) It is a test to determine the speed of asteroids by snapping fingers.
- b) It is a test conducted by ISRO before the launch of any satellites.
- c) It is a form of virginity testing done by medical professionals.
- d) It is a test to calculate the power of supercomputers in problem solving by finger counting.

Answer: C

The two-finger test is an invasive, unscientific and regressive practice where two fingers are inserted into the vagina to assess the laxity of vaginal muscles and examine the hymen. In rape cases, this test is used to gauge whether a person is sexually active.

Recently, the Supreme Court has declared that any person conducting the invasive ‘two-finger’ or ‘three-finger’ vaginal test on rape or sexual assault survivors will be found guilty of misconduct.

Source: [Anyone conducting ‘two-finger’ test on sexual assault survivors will be held guilty of misconduct: Supreme Court](#)

Q.6) With reference to GM Crops, consider the following statements;

1. India does not allow the import of non-permitted GM Crops and its byproducts in India for human and animal consumption.
2. Use of an unapproved GM variant can attract a jail term of 5 years and a fine of Rs 1 lakh under the Environmental Protection Act, 1986.

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: India is currently importing around 13 million tonnes at a cost of Rs 1.17 lakh crore to the exchequer. Of this, 2.0-2.5 mt soybean oil and 1.0-1.5 mt canola oil is already GM.

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The Union Government of India has decided to allow the import of genetically modified (GM) soymeal for poultry industry.

Statement 2 is correct: Use of an unapproved GM variant can attract a jail term of 5 years and a fine of Rs 1 lakh under the Environmental Protection Act, 1986.

Source: [GM Mustard: A Win For Science And The Farmer](#)

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

1. Fungal infections often affect severely ill patients and those with significant underlying immune system-related conditions.
2. Fungal pathogens are a major threat to public health as they are becoming increasingly common and resistant to treatment with only four classes of antifungal medicines currently available.
3. Cancer and HIV/AIDS patients have no risk of fungal infections due to Chemotherapy and Anti-retroviral therapies (ART) respectively.

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: A

Statement 1 and 2 are correct: Fungal infections often affect severely ill patients and those with significant underlying immune system-related conditions.

Most fungal pathogens lack rapid and sensitive diagnostics and those that exist are not widely available or affordable globally.

Fungal pathogens are a major threat to public health as they are becoming increasingly common and resistant to treatment with only four classes of antifungal medicines currently available, and few candidates in the clinical pipeline.

Statement 3 is incorrect: Populations at greatest risk of invasive fungal infections include those with cancer, HIV/AIDS, organ transplants, chronic respiratory disease and post-primary tuberculosis infection.

Source: [WHO releases first-ever list of fungal infections that can be threat to public health](#)

Q.8) With reference to Special Operation Medal, consider the following statements;

1. It aims to recognize those operations which have a high degree of planning, high significance for the security of the country/State/UT.
2. The award shall be conferred for Special Operations in the areas such as counter-terrorism, border action, arms control, prevention of narcotics smuggling and rescue operations.

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: The objective of the medal is to recognize those operations which have

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a high degree of planning, high significance for the security of the country/State/UT and have a significant impact on the security of larger sections of the society.

Statement 2 is correct: The award shall be conferred for Special Operation in the areas such as counter terrorism, border action, arms control, prevention of narcotics smuggling and rescue operations.

Source: [Union Home Minister's "Special Operation Medal" for the year 2022 awarded for 4 Special Operations](#)

Q.9) With reference to the Doctrine of Pleasure, consider the following statements;

1. The pleasure doctrine is a concept derived from English common law, under which the crown can dispense with the services of anyone in its employ at any time.
2. In India, the President can dispense the services of anyone working under his Pleasure at any time without any restrictions.

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 pleasure doctrine is a concept derived from English common law, under which the crown can dispense with the services of anyone in its employ at any time.

Statement 2 is incorrect: In India, Article 310 of the Constitution of India says every person in the defence or civil service of the Union holds office during the pleasure of the President, and every member of the civil service in the States holds office during the pleasure of the Governor. However, Article 311 imposes restrictions on the removal of a civil servant. It provides for civil servants being given a reasonable opportunity for a hearing on the charges against them.

Source: [The Hindu](#)

Q.10) Which of the following statement is not correct about myositis?

- a) It is a rare condition that causes muscles to become weak, painful and tired.
- b) Men are more likely to be affected by this disease than women.
- c) It is usually caused by a problem with the immune system, where it mistakenly attacks healthy tissue.
- d) There is no one medical treatment to fits all Myositis patients,

Answer: B

Myositis can affect both children and adults. With the exception of one type of myositis, women are more likely to be affected by this disease than men.

Source: [Indian Express](#)

PRELIMS

Q.1) With reference to Shanghai Cooperation Organization (SCO) consider the following statements:

1. It is a permanent intergovernmental international organization.
2. Heads of State Council is the top decision-making body of SCO.
3. Afghanistan is one of its member states.

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: Shanghai Cooperation Organization (SCO) is a permanent intergovernmental international organization.

Statement 2: Heads of State Council is the top decision-making body of SCO.

Statement 3: The statement is incorrect. Afghanistan, Belarus and Mongolia are the observer states of SCO.

Source: [The Hindu](#)

Q.2) With reference to Belt and Road initiative (BRI) consider the following statements:

1. It aims filling the infrastructure gap in Asia by connecting land and sea routes under the Silk Route.
2. India is part of this initiative.

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: Belt and Road initiative (BRI) aims at developing infrastructure and economic integration of the countries along the ancient Silk Route. This will help infrastructure development in Asia.

Statement 2: The statement is incorrect. BRI is the initiative of China and India opposes this as there are threats to its national sovereignty.

Source: [The Hindu](#)

Q.3) Which of the following is the cause of heart disease in India?

- a) Indians have smaller diameters of arteries
- b) Indians have smaller body surface area.
- c) Indians are genetically weak.
- d) Indians are mostly obese.

Answer: B

Explanation –

A study conducted by researchers from the Department of Cardiology and Radiology at Sir Ganga Ram Hospital has found that Indians do not have an increased risk for Coronary Artery Disease (heart disease) because of their smaller diameters of arteries, but it is because of their smaller body surface area.

Source: [India Today](#)

Q.4) With reference to Govind Guru consider the following statements:

- 1. He was a social and religious reformer in the Adivasi-dominated border areas of Gujarat and Rajasthan.
- 2. He popularized the Bhagat movement.

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 –

Govind Guru also known as Govindgiri was a social and religious reformer in the Adivasi-dominated border areas of Gujarat and Rajasthan. He popularized the Bhagat movement.

Source: [The Hindustan Times](#)

Q.5) Which of the following states are part of Mudumalai Tiger Reserve?

- 1. Tamil Nadu
- 2. Karnataka
- 3. Andhra Pradesh

4. Kerala

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) 1, 3 and 4 only

Answer: B

Mudumalai Tiger Reserve is located in the Nilgiris District of Tamil Nadu state spread over 321 sq. km at the tri-junction of three states, viz, Karnataka, Kerala and Tamil Nadu.

It forms part of the Nilgiris Biosphere Reserve, the first Biosphere Reserve in India, declared in 1986.

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It has a common boundary with Wayanad Wildlife Sanctuary (Kerala) on the West, Bandipur Tiger Reserve (Karnataka) on the North, the Nilgiris North Division on the South and East and Gudalur Forest Division on the South West.

Source: [Invasive tree spreading in Mudumalai Tiger Reserve](#)

Q.6) Which of the following department/ministry has launched HARIT Aaykar initiative?

- a) Niti Aayog
- b) Income Tax Department
- c) Ministry of Commerce
- d) Department of Personnel and Training

Answer: B

It was launched by the Income Tax Department. Under the initiative, the Income Tax Department resolves to increase the green cover by planting trees and creating micro-forests in and around the Income Tax Department's buildings and other public areas.

Source: [HARIT Aaykar initiative by Income Tax Department for increasing greenery and creating micro forests](#)

Q.7) Which of the following statement is not correct about Pasumpon Muthuramalinga Thevar?

- a) He was a freedom-fighter cum spiritual leader and was seen as a deity among the Mukulathor community.
- b) He accepted traditional Hinduism and supported the 'Varnashrama'.
- c) He became a close aide of Netaji Subhas Chandra Bose.
- d) He was instrumental behind repealing the Criminal Tribes Act(CTA).

Answer: B

He did not accept traditional Hinduism because it supported the 'Varnashrama'. He regularly fought against the evils of the Hindu religion. In 1939, he assisted activist A. Vaidyanatha Iyer to take Dalits to the Meenakshi Temple in Madurai.

Source: [PM bows to freedom fighter, Pasumpon Muthuramalinga Thevar on the occasion of his Guru Pooja](#)

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

- 1. It is applied to the leaves of plants to kill both broadleaf plants and grasses.
- 2. Application of glyphosate anywhere else apart from tea plantations and its surroundings is illegal in India.

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: Glyphosate is an herbicide. It is applied to the leaves of plants to kill both broadleaf plants and grasses.

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Statement 2 is correct: In India, glyphosate has been approved for use only in tea plantations and non-plantation areas accompanying the tea crop. Use of the substance anywhere else is illegal.

Source: [Center Restricts use of Glyphosate](#)

Q.9) Yotta D1, is sometime seen in news, is related to which of the following?

- a) It is a new space craft launched to study Venus.
- b) It is a satellite launched by Pakistan to counter Navic satellites of India.
- c) It is North India's first hyperscale data centre.
- d) It is a potential hazardous asteroid.

Answer: C

Yotta D1 is North India's first hyperscale data centre.

Located in: Greater Noida, UP

Built by: Yotta Infrastructure, part of Hiranandani Group

The data centre is spread across 20 acres and will offer a total capacity of 30,000 racks, 4 dedicated fiber paths and an IT power capacity of 160 MW.

Purpose: It will cater to the full spectrum of digital transformation needs with an elaborate portfolio of solutions that include data center colocation services, network and connectivity, internet peering, IT security and smart cybersecurity and a host of application modernisation and cloud-enabled services.

Source: [Y1otta D1 - North India's first hyperscale data centre](#)

Q.10) With reference to Civil Air Navigation Services Organisation(CANSO), consider the following statements;

- 1. It is a representative body of companies that provide air traffic control.
- 2. It is a subsidiary body of the International Civil Aviation Organization (ICAO).

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: Civil Air Navigation Services Organisation(CANSO) was founded in 1996. It is a representative body of companies that provide air traffic control.

Statement 2 is incorrect: CANSO also represents its members' views in regulatory and industry forums, including at the International Civil Aviation Organization(ICAO) where it has official Observer status.

Source: [Goa hosts Civil Air Navigation Services Organisation \(CANSO\) Asia Pacific Conference](#)

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Q.1) With reference to 'Niveshak DiDi' initiative, consider the following statements:

1. The initiative aims to promote health awareness amongst the females.
2. It was organised by India Post Payments Bank.
3. This initiative is based on the ideology of 'women for women'.

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. Niveshak DiDi initiative aims to promote Financial Literacy 'By the women, for the women'. It was India's First Floating Financial Literacy Camp conducted among the local residents around the world-famous Dal Lake of Srinagar, J&K.

Statement 2: This initiative was organised by India Post Payments Bank (IPPB) in collaboration with Investor Education and Protection Fund Authority (IEPFA).

Statement 3: Niveshak Didi' initiative is based on the ideology of women for women as rural area women feel more comfortable to share their queries with a female itself.

Source: [PIB](#)

Q.2) With reference to AD-1 missile interceptor, consider the following statements:

1. It is a long-range interceptor missile designed for high exo-atmospheric interception of long-range ballistic missiles as well as aircraft.
2. It comprises two-stage solid motor along with indigenously-developed advanced control and navigation system to hit the desired target.

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: AD-1 missile interceptor is a long-range interceptor missile designed for both low exo-atmospheric and endo-atmospheric interception of long-range ballistic missiles as well as aircraft.

Statement 2: It is propelled by a two-stage solid motor and equipped with indigenously-developed advanced control system, navigation and guidance algorithm to precisely guide the vehicle to the target.

Source: [PIB](#)

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Q.3) Consider the following statements:

1. Daulatabad in Maharashtra was the capital of Yadava Dynasty.
2. Gaddegali refers to specific dance form associated with the state of Maharashtra.

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

Explanation –

Statement 1: Yadava dynasty included the territory of Maharashtra, North Karnataka and parts of Madhya Pradesh. Its capital was at Devagiri (present-day Daulatabad in modern Aurangabad district, Maharashtra).

Statement 2: The statement is incorrect. Gaddegali in Marathi refers to proverbs inscribed in 16 lines. The same is called Gaddegalu in Kannada.

Source: [The Times of India](#)

Q.4) With reference to GM-Mustard (DMH-11) consider the following statements:

1. It is a self-pollinating plant and has higher yields than its parent mustard Varuna.
2. DMH-11 become herbicide resistant only after the introduction of bar gene.

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 –

Statement 1: DMH-11 is a self-pollinating plant and has higher yields than its parent mustard Varuna.

Statement 2: DMH-11 become herbicide resistant only after the introduction of bar gene.

Source: [The Hindu](#)

Q.5) Malabar a multilateral naval exercise consisting of –

- a) India, Japan, and Australia
- b) India, Bangladesh, Russia and North Korea
- c) U.S., India, Japan and Australia
- d) Germany, India, Brazil, Indonesia

Answer: C

Explanation - Malabar a multilateral naval exercise that involves U.S., India, Japan and Australia.

Source: [The Hindu](#)

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Q.6) With reference to 'Green Bonds', consider the following statements:

1. They are used to fund environmental-friendly projects a lower interest rate than regular bonds.
2. The aim of the bond is to encourage companies to invest in green projects.
3. The International Monetary Fund (IMF) was the first institution to issue green bonds.

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 –

Green Bonds are used to fund environmental-friendly projects a lower interest rate than regular bonds. The aim of the bond is to encourage companies to invest in green projects. World Bank was the first institution to issue green bonds.

Source: [Live Mint](#)

Q.7) With reference to Kyasanur Forest disease (KFD) consider the following statements:

1. It is a viral haemorrhagic fever endemic to South-western part of India.
2. It is non-zoonotic disease.

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: Kyasanur Forest disease (KFD) is a viral haemorrhagic fever endemic to South-western part of India.

Statement 2: The statement is incorrect. It is a zoonotic disease as it spread to human after the bite of hard tick. It is mainly spread amongst the forest and agricultural workers.

Source: [Live Mint](#)

Q.8) Consider the following statements:

1. The World Network of Biosphere Reserves promotes North-South and South-South collaboration.
2. Bhutan and Nepal do not have any biosphere reserves.
3. The first biosphere reserve in South Asia was Nilgiri Biosphere reserve.

Which of the statements given above is/are correct?

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

Answer: B

Explanation –

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Statement 1: The World Network of Biosphere Reserves promotes North-South and South-South collaboration and represents a unique tool for international co-operation through sharing knowledge, exchanging experiences, building capacity and promoting best practices.

Statement 2: Bhutan and Nepal do not have any biosphere reserves.

Statement 3: The statement is incorrect. The first biosphere reserve in South Asia Hurulu Biosphere Reserve in Sri Lanka (1977) while first biosphere reserve of India was Nilgiri Biosphere reserve (1986).

Source: [The Hindu](#)

Q.9) With reference to **Regional Rural Banks (RRB)**, consider the following statements:

1. They were set up under the Regional Rural Banks Act, 1976.
2. They were set up on the recommendation of Abhijeet Sen Committee.
3. They ensure adequate credit supply for agriculture and other rural sectors.

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 –

Regional Rural Banks (RRB) were set up under the Regional Rural Banks Act, 1976. They were set up on the recommendation of Narasimham Committee. They ensure adequate credit supply for agriculture and other rural sectors.

Source: [Business Standard](#)

Q.10) With reference to **Gati Shakti scheme**, consider the following statements:

1. It incorporates the infrastructure schemes of various Ministries and State Governments.
2. It aims at boosting multimodal infrastructure connectivity to reduce the cost and time of the logistic transportation.
3. It aims enhancing last mile connectivity and making India business capital of the world.

Which of the statements given above are correct?

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

Answer: D

Explanation –

Gati Shakti scheme incorporates the infrastructure schemes of various Ministries and State Governments. It aims at boosting multimodal infrastructure connectivity to reduce the cost and time of the logistic transportation. It also aims enhancing last mile connectivity and making India business capital of the world.

Source: [Business Standard](#)

PRELIMS

Q.1) With reference to Opium Poppy plant consider the following statements:

1. They contain alkaloids that are used for preparing medicines for humans and cattle.
2. Sandy soil is ideal for their cultivation.
3. Afghanistan is the largest cultivator of poppy plant.

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

Statement 1: Opium Poppy contain alkaloids that are used for preparing medicines for humans and cattle. They are medicinal plants.

Statement 2: The statement is incorrect. They grow well in loamy soil.

Statement 3: Afghanistan is the largest cultivator of poppy plants in the world.

Source: [The Indian Express](#)

Q.2) With reference to CRISPR-Cas9, a gene editing method consider the following statements:

1. It edits genes by cutting the desired DNA and allowing natural DNA repair processes to take over.
2. This technology works at extremely high temperatures...

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

Explanation –

Statement 1: CRISPR-Cas9 edits genes by cutting the desired DNA and allowing natural DNA repair processes to take over.

Statement 2: The statement is incorrect. CRISPR-Cas9 technology can work at very low temperatures of 4 degree C but it works at moderate high temperatures only around 37 degrees C.

Source: [PIB](#)

Q.3) With reference to Mines and Minerals (Development and Regulation) Amendment Act, 2021 consider the following statements:

1. captive mine operators may sell up to 50% of their annual mineral production in the open market after meeting their own needs.
2. The Act has removed state government's role and given central power the authority to conduct the auction of mines.

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: Mines and Minerals (Development and Regulation) Amendment Act, 2021 provides that captive mines may sell up to 50% of their annual mineral production in the open market after meeting their own needs.

Statement 2: The statement is incorrect. The Act gives power to the central government to give state government power to complete the auction process in the specified time. If the state government fails, then it is the duty of the central government to take over.

Source: [Live Mint](#)

Q.4) With reference to Adaptation Gap Report, consider the following statements:

1. It is released by United Nations Development Programme.
2. The Adaptation Gap Report 2022 provided that international adaptation finance to the developing countries is lower than required.

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

Explanation –

Statement 1: The statement is incorrect. Adaptation Gap Report is published by the United Nations Environment Programme's (UNEP).

Statement 2: The Adaptation Gap Report 2022 provided that international adaptation finance to the developing countries is five to 10 times below estimated needs.

Source: [Business Standard](#)

Q.5) With reference to 'Cordyceps militaris' seen in the news recently consider the following statements:

1. It is also called super mushroom.
2. It is found throughout the northern hemisphere.
3. It is responsible for decay of trees.

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: Cordyceps militaris is also called super mushroom because of its high medicinal properties.

Statement 2: It is found throughout the northern hemisphere.

Statement 3: The statement is incorrect. Cordyceps militaris is a parasitic fungus known for its anti-ageing, anti-viral, energy and immunity-boosting effect.

Source: [The Hindu](#).

Q.6) With reference to Cordy gold nanoparticles (Cor-AuNPs) consider the following statements:

1. It can make drug delivery in humans faster.
2. They are derived from the synthesis of the extracts of Cordyceps Militaris and Gold Salts.
3. It can be delivered in the form of ointments and tablets.

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: Cordy gold nanoparticles (Cor-AuNPs) can make drug delivery in humans faster.

Statement 2: They are derived from the synthesis of the extracts of Cordyceps Militaris and Gold Salts.

Statement 3: This nano-particles can be delivered in the form of ointments, tablets, capsules, and in other forms.

Source: [The Hindu](#).

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Q.7) Consider the following statements with respect to Panamaram heronry:

1. It is the largest breeding ground of different species of herons in the Malabar region.
2. It is present along the sandbank on the Panamaram river.
3. It is found in the Karnataka.

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

Statement 1: Panamaram heronry is the largest breeding ground of different species of herons in the Malabar region.

Statement 2: It is present along the sandbank on the Panamaram river.

Statement 3: The statement is incorrect. It is present in the Wayanad district of Kerala.

Source: [The Hindu](#)

Q.8) With reference to Scheduled Tribe consider the following statements:

1. Article 342 of the Constitution of India deals with the recognition of Schedule Tribe.
2. Pahari ethnic group of Jammu and Kashmir has been notified for the inclusion as a Scheduled Tribe.
3. The inclusion or exclusion to the ST list does not require Parliamentary approval.

Which of the statements given above is/are correct?

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

Answer: C

Explanation –

Statement 1: Article 342 of the Constitution of India deals with the recognition of Schedule Tribe.

Statement 2: Pahari ethnic group of Jammu and Kashmir has been notified for the inclusion as Schedule Tribe.

Statement 3: The statement is incorrect. Article 342 states that any inclusion or exclusion from the list of ST can only be done by the approval of law by the Parliament.

Source: [The Hindu](#)

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Q.9) With reference to Doha Agreement consider the following statements:

1. It was signed between Pakistan and the United States.
2. The aim of the agreement was to end terrorist funding in Pakistan.

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: D

Explanation –

Statement 1: The statement is incorrect. Doha Agreement was signed between the United States and Afghanistan.

Statement 2: The statement is incorrect. There were various aim included in the agreement like withdrawal of troops by the US, exchange of prisoners, etc.

Source: [The Indian Express](#)

Q.10) With reference to ‘Purple Heron’ birds consider the following statements:

1. They are found in Africa and Asia.
2. They are listed as Nearly Threatened 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: Purple Heron birds are found in across Africa and Asia and Europe.

Statement 2: The statement is incorrect. They are listed as Least Concern in the IUCN Red Data List.

Source: [The Hindu](#)

PRELIMS

Q.1) With reference to Shyama Prasad Mukherji Rurban Mission (SPMRM) consider the following statements:

1. The mission focuses on developing urban slum areas around the major cities of India.
2. Aibawk cluster in Mizoram has become the first cluster to be completed under the mission.

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

Explanation –

Statement 1: The statement is incorrect. SPMRM focuses on increasing local economic development, enhance basic services, and creating well-planned Rurban clusters.

Statement 2: Aibawk cluster in the Aizwal district of Mizoram has become the first cluster to be completed under the SPMRM.

Source: [PIB](#)

Q.2) Make-II Projects was seen in the news recently. It is associated with –

- a) Developing rural economy
- b) Developing defense equipment
- c) Developing sustainable agricultural practices.
- d) Developing electronic vehicles.

Answer: B

Explanation –

Make Projects are aimed at developing indigenous defense technologies. They are two parts under this project – Make-I (90% Government funded) and Make – II (Industry funded).

Source: [PIB](#)

Q.3) Consider the following statements with respect to the formation of rainbows:

1. Sunlight and rainfall are essential conditions for the formation of rainbows.
2. It occurs due to the refraction of water droplets with sunlight.
3. India will see a smaller number of rainbows in the coming years due to the change in precipitation patterns.

Which of the statements given above are correct?

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

Answer: A

Explanation –

Statement 1: A rainbow is a common atmospheric optical phenomenon. Sunlight and rainfall are essential conditions for the formation of rainbows.

Statement 2: Rainbow occurs due to the refraction of water droplets with sunlight.

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Statement 3: The statement is incorrect. There has been change in the precipitation patterns in India and precipitation might increase in India due to the climate change. Thus, increasing the number of rainbows in India. India along with African countries like Mali, Niger, Chad, Sudan and Ethiopia are also likely to experience more rainbow days.

Source: [DTE](#)

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

1. It is a wall painting that uses different geometric shapes.
2. It is practiced by Saura tribes of Odisha.
3. They resemble the mural paintings of Bhimbetka.

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: Warli Painting is a wall painting that uses different geometric shapes like triangles and circles.

Statement 2: The statement is incorrect. It is practiced by the Warli tribes of Sahyadri, Maharashtra.

Statement 3: They resemble the mural paintings of Bhimbetka.

Source: [The Hindu](#)

Q.5) With reference to the United Nations Framework Convention on Climate Change (UNFCCC) consider the following statements:

1. Its objective is to stabilize greenhouse gases concentrations in the atmosphere.
2. The targets set under UNFCCC is binding on the member countries.
3. It was formed at the Earth Summit.

Which of the statements given above are correct?

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

Answer: C

Explanation –

Statement 1: The objective of UNFCCC is to achieve, stabilization of greenhouse gas concentrations in the atmosphere at a level that would prevent dangerous anthropogenic interference with the climate system.

Statement 2: The statement is incorrect. The targets set under UNFCCC is not binding.

Statement 3: UNFCCC was formed at the United Nations Conference on Environment and Development also known as the Earth Summit in 1992.

Source: [The Hindu](#)

Q.6) With reference to 'Waste-to-Energy' process consider the following statements:

1. It is a method to convert waste to energy to reduce the greenhouse gas emission.
2. Under this process, the energy is generated only from non-hazardous waste.

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 –

Statement 1: Waste-to-Energy is a method to convert waste to energy to reduce the greenhouse gas emission, especially methane.

Statement 2: It generates energy from non-hazardous waste that is taken to the landfills.

Source: [Live Mint](#)

Q.7) With reference to Bio-energy consider the following statements:

1. It is the energy produced from biomass.
2. They are completely clean form of energy and does not posses any threat for climate.

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: Bio-energy is the energy produced form biomass.

Statement 2: The statement is incorrect. Bioenergy can be alternative fossil fuels but they are not completely clean and produces some number of harmful gases in the atmosphere.

Source: [Live Mint](#)

Q.8) With reference to Madhubani paintings consider the following statements:

1. The figure in the painting is symbolic.
2. It has been Geographical Indication status.
3. It is a three-dimensional painting.

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: The figure in the Madhubani painting is symbolic. For example, fish symbolizes good luck and fertility.

Statement 2: Madhubani painting has been Geographical Indication status.

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Statement 3: The statement is correct. Madhubani paintings are two dimensional.

Source: [The Hindu](#)

Q.9) With reference to Employees' Provident Fund Organisation (EPFO) consider the following statements:

1. It is a social security organisation that aims to extend universal coverage and ensure seamless and uninterrupted service delivery to its stakeholders.
2. It is administered by Ministry of Social Justice and Empowerment.

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

Explanation –

Statement 1: EPFO is a social security organisation that aims to extend universal coverage and ensure seamless and uninterrupted service delivery to its stakeholders.

Statement 2: The statement is incorrect. It is administered by Ministry of Labour & Employment.

Source: [The Hindu](#)

Q.10) Consider the following:

1. Vehicular Emission
2. Low Temperature
3. Direction of the wind

Which of the above factors is/are responsible for air pollution in Delhi?

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

Answer: D

Explanation –

All three factors including the geographical and topography of Delhi is responsible for the air pollution in Delhi. Northwesterly winds from Punjab carries particulate matter that causes pollution in Delhi. Low temperatures around winters contribute to high pollution as it restricts dispersion of the pollution. Vehicular emission is also responsible.

Source: [The Indian Express](#)

PRELIMS

Q.1) Mauna Loa, the largest active volcano in the world, is located in –

- a) Japan
- b) US
- c) Brazil
- d) Indonesia

Answer: B

Explanation – Mauna Loa, the largest active volcano in the world is located in the Hawaii in the United States. It is one of five volcanoes that together make up the Big Island of Hawaii. It sits immediately north of Kilauea volcano. Mauna Loa last erupted 38 years ago.

Source: [The Indian Express](#)

Q.2) With reference to ‘Green Bonds’ consider the following statements:

- 1. It is a fixed-income instrument designed to support specific environmental projects.
- 2. These bonds carry higher interest rates than the interest rate on loans by commercial banks.

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: Green Bonds is a fixed-income instrument designed to support specific environmental projects.

Statement 2: The statement is incorrect. Green bonds usually carry lower interest rates than the interest rate on loans by commercial banks.

Source: [Business Standard](#)

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

- 1. Article 19(1)(a) guarantees the fundamental right to freedom of speech and expression.
- 2. The First Constitutional Amendment made this right an absolute right of the citizen.

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: Article 19(1)(a) guarantees the fundamental right to freedom of speech and expression.

Statement 2: The statement is incorrect. It is not an absolute right. The First Constitutional Amendment introduced amendment in Article 19(2) that reasonable restriction can be imposed on it by the Parliament.

Source: [The Indian Express](#)

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Q.4) With reference to “loss and damage” term used in the context of climate change, consider the following statements:

1. It is the damage caused by the climatic action that can be sustained by the people.
2. It is caused by the extreme weather conditions like cyclone and droughts.

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: The statement is incorrect. “Loss and damage” is a term used in UN climate negotiations to refer to the consequences of climate change that go beyond what people can adapt to, or when options exist but a community doesn't have the resources to access or utilise them.

Statement 2: Loss and damage are generally understood to result from extreme weather events like cyclones, droughts, heatwaves, and slow-onset changes - such as sea level rise, desertification, glacial retreat, land degradation, ocean acidification, and salinization.

Source: [The Hindu](#)

Q.5) With reference to “Anthropological Survey of India (An.S.I)” consider the following statements:

1. It is the only organization in the Government to conduct anthropological research.
2. Its function is to study and preserve the human skeletal remains both from ancient and contemporary period.
3. It lies under the Ministry of Earth Sciences.

Which of the statements given above is/are correct?

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

Answer: A

Explanation –

Statement 1: Anthropological Survey of India (An.S.I) is the only organization in the Government of India to conduct anthropological research. Its head office is at Kolkata.

Statement 2: AnSI has many functions. One of its functions is to study and preserve the human skeletal remains both from ancient and contemporary period.

Statement 3: The statement is incorrect. It lies under the Ministry of Culture.

Source: [The Hindu](#)

Q.6) Jarawa tribe is found in –

- a) Chhattisgarh
- b) Andaman Islands
- c) Odisha
- d) Andhra Pradesh

Answer: B

Explanation –

Jarawa tribes are part of Particularly Vulnerable Tribal Groups (PVTGs) of Andaman Islands.

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Source: [The Hindu](#)

Q.7) With reference to “Indian Black Honeybee”, consider the following statements:

1. They are endemic to Eastern Ghats.
2. They are categorized as Least Concern (LC) 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: D

Explanation –

Statement 1: Indian Black Honeybee are endemic to Western Ghats. They have been recently spotted after 200 years.

Statement 2: They are categorized as Near Threatened (NT) in the IUCN Red Data List.

Source: [The Hindu](#)

Q.8) With reference to the **Uniform Civil Code (UCC)**, consider the following statements:

1. Article 44 of the Indian Constitution deals with the Uniform Civil Code.
2. India has uniform code in most of its criminal laws.
3. The UCC will ensure supremacy of the government over its citizens.
4. UCC is not present in any of the states in India.

Which of the statements given above are correct?

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

Answer: C

Explanation –

Statement 1: Article 44 contained in part IV of the Constitution says that the state “shall endeavour to secure for the citizens a uniform civil code throughout the territory of India”.

Statement 2: India has uniform code in most of its criminal laws like IPC and CrPC.

Statement 3: The statement is incorrect. The UCC aims to provide protection to vulnerable sections as envisaged by Ambedkar including women and religious minorities, while also promoting nationalistic feeling through unity.

Statement 4: The statement is incorrect. Goa is the only state to have UCC in the India.

Source: [The Hindu](#)

Q.9) Which of the following was objective of **RISAT-2 satellite**?

- a) To monitor change in the greenhouse gases
- b) To study the cosmology of the space
- c) To provide enhanced GPS facility for the military aircraft
- d) To track anti-terror activities across the borders

Answer: D

Explanation –

10 PM Compilation for the Month of November, 2022

Radar Imaging Satellite-2 (RISAT-2) was an Indian radar imaging reconnaissance satellite that was part of India's RISAT programme. It is designed to monitor India's borders and as part of anti-infiltration and anti-terrorist operations. It also has weather monitoring capabilities.

Source: [The Hindu](#)

Q.10) Consider the following:

1. Lack of training to pilots
2. Increase in air traffic
3. Poor weather

Which of the above are the causes of increasing helicopter accidents in India?

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

Answer: C

Explanation –

The increase in the helicopters accidents in India is caused by poor pilot training, bad weather, old helicopters, violation of rules by pilot, cable hit in hilly areas, etc.

Source: [ForumIAS](#)

PRELIMS

Q.1) With reference to India Infrastructure Project Development Fund Scheme (IIPDF Scheme) consider the following statements:

1. The scheme aims at providing financial support for the development of PPP projects under central and state governments.
2. The fund for the scheme is being shared by the state and central government.
3. It will help in realizing the goal of modern infrastructure.

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: IIPDF Scheme aims at providing financial support for the development of PPP projects under central and state governments.

Statement 2: The statement is incorrect. It is a central sector scheme and hence 100% funding is done by the central government.

Statement 3: The scheme will help in realizing the goal of modern infrastructure.

Source: [PIB](#)

Q.2) Broadcast Air-Time Scheduler (BATS) was seen in the news recently, it is associated with -

- a) Launching the Ballistic Missile
- b) Improving the air quality by scientific methods
- c) Integrating Traffic & Billing of commercial operation for All India Radio
- d) Efficient implementation Environmental Impact Assessment

Answer: C

Explanation -

Broadcast Air-Time Scheduler (BATS) is a fully integrated Traffic & Billing application software for all Commercial Operations of All India Radio.

Source: [PIB](#)

Q.3) With reference to Middle East Green Initiative (MGI) consider the following statements:

1. It has been launched by the United Arab Emirates.
2. Its aim is to reduce carbon emissions from hydrocarbons production in the Middle East region.

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 -

10 PM Compilation for the Month of November, 2022

Statement 1: The statement is incorrect. MGI has been launched by Saudi Arabia.

Statement 2: One of its aims is to reduce carbon emissions from hydrocarbons production in the Middle East region by more than 60%.

Source: PIB

Q.4) With reference to “National Hydrogen Energy Mission” consider the following statements:

1. It aims to help the government in meeting its climate targets and making India a green hydrogen hub.
2. It aims at reducing dependence on fossil fuels and crude oil imports.

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 -

Statement 1: National Hydrogen Energy Mission aims to help the government in meeting its climate targets and making India a green hydrogen hub.

Statement 2: It aims at reducing dependence on fossil fuels and crude oil imports.

Source: PIB

Q.5) With reference to International Solar Alliance (ISA) consider the following statements:

1. It is an economic alliance that focus on increasing the trade of the member nations.
2. It gives an opportunity to India to lead in the fight against climate change.
3. It is not a part of the United Nations.

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. It is an alliance that focuses on harnessing solar energy to generate electricity, reducing the dependence on fossil fuels.

Statement 2: India and France launched this initiative. Thus, it gives an opportunity to India to lead in the fight against climate change.

Statement 3: It is a separate organization and part of the UN. The UN has been given observer status to the ISA.

Source: PIB

Q.6) With reference to Coalition for Disaster Resilient Infrastructure (CDRI) organization consider the following statements:

1. It is an international coalition of countries that aims to promote disaster-resilient infrastructure.
2. India is not one of its members.
3. Its Secretariat is located in New York.

Which of the statements given above is/are correct?

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

Answer: A

Explanation -

Statement 1: CDRI is an international coalition of countries that aims to promote disaster-resilient infrastructure.

Statement 2: The statement is incorrect. India is part of CDRI and it was launched by PM Modi at the UN Action Climate Summit, 2019.

Statement 3: The statement is incorrect. Its Secretariat is located in New Delhi.

Source: [The Indian Express](#)

Q.7) With reference to World Meteorological Organisation (WMO) consider the following statements:

1. It is a specialized agency of the United Nations for meteorology.
2. State of Climate report is published by WMO.
3. India is not one of its members.

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: WMO is a specialized agency of the United Nations for meteorology, hydrology and geophysical sciences.

Statement 2: State of Climate report is published by WMO.

Statement 3: The statement is incorrect. India is one of its members.

Source: [The Indian Express](#)

Q.8) Submersible Platform for Acoustic Characterization & Evaluation (SPACE) facility was seen in the news recently, is associated with -

- a) Hitting asteroid in the space
- b) Development of clean energy
- c) Creation of robust online grievance redressal mechanism
- d) Testing and evaluation facility for sonar systems

Answer: D

Explanation -

Submersible Platform for Acoustic Characterization & Evaluation (SPACE) is a state-of-the-art testing and evaluation facility for sonar systems developed for use by the Indian navy onboard various platforms, including ships, submarines and helicopters.

Source: [PIB](#)

Q.9) With reference to Open Network for Digital Commerce (ONDC) platform consider the following statements:

1. It is an online e-commerce platform that will be owned by the Government of India.
2. The platform will digitise the entire value chain, standardize operations, and enhance value for consumers.

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: The statement is incorrect. ONDC is an open platform launched by the GoI to create new opportunities, curb digital monopolies by supporting micro, small and medium enterprises and small traders and help them get on online platforms. The government does not own it but provides a platform for small sellers to come online to ensure a level playing field.

Statement 2: ONDC is expected to digitise the entire value chain, standardise operations, promote inclusion of suppliers, derive efficiencies in logistics and enhance value for consumers.

Source: Live Mint

Q.10) With reference to PM-POSHAN scheme consider the following statements:

1. It aims at tackling malnutrition and providing cooked meals to children.
2. The entire cost of transporting and managing food grains is covered by the central government.

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: C

Explanation -

Statement 1: PM-POSHAN scheme aims at tackling malnutrition and providing cooked meals to children.

Statement 2: The entire cost of transporting and managing food grains is covered by the central government but the cost of cooking and the cost of payments to cook is shared by the state in the ratio of 60:40.

Source: The Hindu

PRELIMS

Q.1) With reference to net zero emission consider the following statements:

1. It means completely ending the greenhouse gas emission into the atmosphere.
2. The carbon removal process can help in achieving net zero emissions.

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. Net zero means cutting greenhouse gas emissions to as close to zero as possible, with any remaining emissions re-absorbed from the atmosphere, by oceans and forests for instance. It means balancing the emission by absorbing it and making it neutral.

Statement 2: The carbon removal process can help in achieving net zero emissions.

Source: [The Hindu](#)

Q.2) With reference to the Law Commission of India consider the following statements:

1. It is a statutory body.
2. Its function is to research and advise the Government of India on legal reform.
3. The first Law Commission during colonial rule in India was established under the Charter Act of 1833.

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. The Law Commission of India is a non-statutory body that is constituted by a notification of the Government of India.

Statement 2: Its function is to research and advise the Government of India on legal reform.

Statement 3: The first Law Commission during colonial rule in India was established under the Charter Act of 1833. It was presided over by Lord Macaulay. The first Law Commission of independent India was established in 1955 for a three-year term.

Source: [The Indian Express](#)

Q.3) Consider the following statements:

1. Mangroves can survive freezing weather conditions.
2. Mangrove forests can store more carbon per hectare than terrestrial forests.
3. The aim of Mangrove Alliance for Climate (MAC) is to conserve, restore and grow the mangrove ecosystem.

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: Statement is incorrect. Mangrove forests can survive extreme weather conditions and require low oxygen levels to survive but it cannot survive freezing temperatures and are found mainly in tropical and subtropical latitudes.

Statement 2: Mangrove forests can store more carbon per hectare than terrestrial forests.

Statement 3: The aim of Mangrove Alliance for Climate (MAC) is to conserve, restore and grow the mangrove ecosystem.

Source: [PIB](#)

Q.4) With reference to the international trade settlement in Rupee consider the following statements:

1. It will help in reducing India's dependency on the US dollar.
2. It will reduce India's trade deficit.
3. It will help in fixing the Rupee-Dollar exchange rate.

Which of the above will be the benefit of international trade settlement in Rupee?

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

Answer: A

Explanation -

International trade Settlement in Rupee will have the following benefits: reduce India's dependency on the US dollar, reduce India's trade deficit, check dollar outflow, reduce the pressure on India's forex reserves, and help in trading with countries facing sanctions from the US (Russia, Iran).

Source: [The Indian Express](#)

Q.5) 'Prarambh' mission is associated with -

- a) Beginning of the indigenous green technology
- b) Beginning of private sector launches in space
- c) Beginning of indigenous chip making industry
- d) Helping tackling malnutrition in India

Answer: D

Explanation -

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Prarambh' mission is associated with the beginning of private sector launches in space. India has made the first privately developed launch vehicle known as 'Vikram-S'. It will make its maiden flight from the country's only spaceport in Sriharikota between November 12 and 16.

Source: [The Indian Express](#)

Q.6) Gain-of-Function (GoF) was seen in the news recently, is associated with -

- Transferring the excess profit of private companies to the government
- Monitoring CSR funding of the companies
- Developing GM variety crops
- Mutating the gene

Answer: D

Explanation -

Gain-of-Function (GoF) is a type of mutation in which the altered gene product possesses a new molecular function or a new pattern of gene expression. It has various benefits but it is also being misused to target population by the terrorists.

Source: [The Hindu](#)

Q.7) Consider the following statements with reference to Vostro Accounts:

- It is an account that a correspondent bank holds on behalf of another bank.
- Vostro accounts are maintained in the foreign currency whereas Nostro accounts in domestic currency.
- Vostro account serves as an economic way for small domestic banks to access the financial resources and services of a larger foreign bank.

Which of the statements given above are correct?

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

Answer: C

Explanation -

Statement 1: Vostro Accounts is an account that a correspondent bank holds on behalf of another bank. It is the account held by domestic banks for the foreign banks. For example - HSBC vostro account being held by SBI in India.

Statement 2: The statement is incorrect. Vostro accounts are maintained in the domestic currency whereas Nostro accounts in foreign currency.

Statement 3: Vostro account serves as an economic way for small domestic banks to access the financial resources and services of a larger foreign bank.

Source: [The Indian Express](#)

Q.8) With reference to Group of Twenty (G20) consider the following statements:

1. The sherpa track of G20 focuses on anti-corruption and development.
2. Representatives of the IMF and World Bank do not take part in the G20 meeting.
3. India is one of its members.

Which of the statements given above is/are correct?

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

Answer: C

Explanation -

Statement 1: The work of G20 is divided into two tracks - Sherpa track and Finance track. Finance track includes finance ministers and governors of central banks whereas sherpa track involves discussions around anti-corruption, energy, development, etc.

Statement 2: Statement is incorrect. Representatives of the IMF and World Bank take part in the G20 meeting.

Statement 3: India is one of its members.

Source: [The Indian Express](#)

Q.9) With reference to Reducing Emissions from Deforestation and forest Degradation (REDD+) consider the following statements:

1. It is a framework developed by the United Nations Framework Convention on Climate Change (UNFCCC) Conference of Parties (CoP).
2. It aims at creating financial value for the carbon stored in forests.

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: C

Explanation -

Statement 1: REDD+ is a framework developed by the United Nations Framework Convention on Climate Change (UNFCCC) Conference of Parties (CoP).

Statement 2: It aims at creating financial value for the carbon stored in forests by offering incentives for developing countries to reduce emissions from forested lands and invest in low-carbon paths to sustainable development.

Source: [PIB](#)

Q.10) Sub-orbital flight refers to -

- a) Launch vehicle carrying loads to semi-synchronous orbit
- b) Commercial flights flying above the stratosphere.
- c) Flights holding their service operations for a fixed time.
- d) Launch vehicles travelling slower than the earth's orbital velocity

Answer: D

Explanation -

Sub-orbital flight refers to those launch vehicles that travel lower than the earth's orbital velocity which means that vehicle is fast enough to reach outer space but not fast enough to stay in an orbit around the Earth. Vikram-S, first private launcher, will carry three customer satellites in a sub-orbital flight.

Source: [The Indian Express](#)

PRELIMS

Q.1) Nushu, an old language is associated with -

- a) Japan
- b) China
- c) India
- d) North Korea

Answer: B

Explanation: Nushu is a secret language invented 400 years ago in China's Hunan province. This language was mainly used by women.

Source: [BBC](#)

Q.2) With reference to Capital Expenditure (CAPEX) consider the following statements:

1. Capital expenditures are short term expenditures that do not result in the creation of assets whereas Revenue expenditures are long term expenditures resulting in the formation of assets.
2. Capital expenditure has a multiplier effect.

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

Explanation -

Statement 1: The statement is incorrect. Capital expenditures are expenditures that result in the creation of assets whereas revenue expenditures are short term expenditures that do not result in the formation of assets.

Statement 2: Capital expenditure has a multiplier effect which means it helps in the creation of jobs and growth in economic growth.

Source: [Live Mint](#)

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

1. Funds raised from green bonds can be utilized for various non-environmental purposes.
2. Green bonds issuers are required to provide details regarding the project they intend to finance as well as its expected climate and environmental impacts.

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: Statement is incorrect. Proceeds from Green bonds can only be utilised for environmental projects unlike other bonds.

Statement 2: Green bonds issuers are required to provide details regarding the project they intend to finance as well as its expected climate and environmental impacts.

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Source: [The Indian Express](#)

Q.4) With reference to framework for sovereign green bonds consider the following statements:

1. Green Finance Working Committee (GFWC) has been constituted under this framework.
2. The framework provides that proceeds from green bonds will be deposited in the Consolidated Fund of India (CFI).

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 -

Statement 1: The Finance Ministry under the framework for sovereign green bonds has constituted a Green Finance Working Committee (GFWC).

Statement 2: The framework provides that proceeds from green bonds will be deposited in the Consolidated Fund of India (CFI).

Source: [The Indian Express](#)

Q.5) With reference to Green Finance Working Committee (GFWC) consider the following statements:

1. It will be chaired by the Finance Minister of India.
2. The committee will meet at least twice a year to support the Ministry of Finance with selection and evaluation of green projects.
3. It will also provide with annual reports related to the allocation of green projects.

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. The Green Finance Working Committee (GFWC) will be chaired by the Chief Economic Advisor.

Statement 2: The committee will meet at least twice a year to support the Ministry of Finance with selection and evaluation of green projects.

Statement 3: The committee will bring out an annual report on the allocation of proceeds to the eligible projects along with details of projects financed, status of implementation, and unallocated proceeds.

Source: [The Indian Express](#)

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Q.6) With reference to Indian National Space Promotion and Authorisation Centre (IN-SPACE) consider the following statements:

1. It is an independent body under the Department of Space.
2. One of its functions is to assist DRDO in developing space weapons.

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

Explanation -

Statement 1: IN-SPACE is an independent body under the Department of space.

Statement 2: The statement is incorrect. IN-SPACE is established to include private companies in the space sector.

Source: [The Indian Express](#)

Q.7) Punchhi Commission was related with -

- a) Minimum Support Price (MSP)
- b) Banking Reforms
- c) Center-State Relation
- d) Telecommunication reform

Answer: C

Explanation - Punchhi Commission was related with Center-State Relations. Recommendations were made by the Commission in various areas involving center state relations.

Source: [The Hindu](#)

Q.8) With reference to Central Ground Water Board (CGWB) consider the following statements:

1. It comes under the Ministry of Agriculture.
2. It is the National Apex agency entrusted with responsibilities of providing scientific and purpose for management exploration and monitoring of groundwater resources of the nation.

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

Explanation -

Statement 1: The statement is incorrect. Central Ground Water Board (CGWB) comes under the Ministry of Water Resources.

Statement 2: CGWB is the National Apex agency entrusted with responsibilities of providing scientific and purpose for management exploration and monitoring of groundwater resources of the nation.

Source: [The Hindu](#)

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Q.9) With reference to PM Gati Shakti scheme consider the following statements:

1. Its aim is to coordinate planning and execution of infrastructure projects to bring down logistics costs.
2. It will help in creating economic zones and industrial parks.

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 -

Statement 1: PM Gati Shakti scheme aims to coordinate planning and execution of infrastructure projects to bring down logistics costs.

Statement 2: It will help in creating economic zones and industrial parks.

Source: [Live Mint](#)

Q.10) Assertion (A): Police is a state subject under the seventh schedule of the Indian Constitution.

Reason (R): The central government does not have any power in improving the ability of the police.

Select the correct answer using the codes given below:

- a) Both A and R are true and R is the correct explanation of A
- b) Both A and R are true but R is not the correct explanation of A
- c) A is true but R is false
- d) A is false but R is true

Answer: C

Explanation -

Assertion - Police is a state subject under the seventh schedule of the Indian Constitution.

Reason - The statement is incorrect. The central government plays a role in providing training and technology to improve the ability of the police force in the country.

Source: [The Hindu](#)

PRELIMS

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

1. Millets have higher nutritional values compared to rice and wheat.
2. Bihar is the leading producer of millets in India.

Select the correct statements using the codes given below:

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

Answer: A

Explanation -

Statement 1: Millets have superior nutritional values in comparison to highly consumed cereals such as rice and wheat. Millets are rich in calcium, iron, and fibers that help in fortifying essential nutrients for the healthy growth in children.

Statement 2: The statement is incorrect. India's top five millet producing states are Rajasthan, Maharashtra, Karnataka, Gujarat and Madhya Pradesh.

Source: [PIB](#)

Q.2) With reference to Indian Biological Data Center (IBDC) consider the following statements:

1. Its function is to deposit and store all online data of the government.
2. It comes under the Ministry of Science and Technology.

Which of the statements given above are correct?

- 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. Indian Biological Data Center (IBDC) is an effort by the Government of India for the purpose of deposition, storage, annotation and sharing of biological data. IBDC is mandated to archive all publicly funded life science data generated at national level. IBDC is India's first national repository for life science data at Faridabad, Haryana.

Statement 2: It comes under the Department of Biotechnology, Ministry of Science and Technology.

Source: [PIB](#)

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Q.3) With reference to e-waste consider the following statements:

1. India's first e-waste clinic was established at Bengaluru.
2. E-waste refers to any electrical or electronic equipment that has been discarded.

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: Statement is incorrect. India's first e-waste clinic was established at Bhopal, Madhya Pradesh.

Statement 2: E-waste refers to any electrical or electronic equipment that's been discarded.

Source: [Live Mint](#)

Q.4) With reference to 'Guidelines for Uplinking and Downlinking of Satellite Television Channels in India, 2022' consider the following statements:

1. It has made it mandatory for all TV channels to undertake public service broadcasting for a minimum period of thirty-minutes in a day on themes of national importance and of social relevance.
2. It allows a news agency to get permission for ten years instead of the current one year.

Which of the statements given above are correct?

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

Answer: A

Explanation -

Statement 1: The guidelines have made it mandatory for all TV channels to undertake public service broadcasting for a minimum period of thirty-minutes in a day on themes of national importance and of social relevance.

Statement 2: The statement is incorrect. It allows a news agency to get permission for five years instead of the current one year.

Source: [The Indian Express](#)

Q.5) Consider the following statements:

1. The UN has declared 2023 as the International Year of Millets (IYoM).
2. India is the largest producer of millet in the world
3. Millets have a high carbon footprint.

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: The UN has declared 2023 as the International Year of Millets (IYoM).

Statement 2: India is the largest producer of millet in the world.

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Statement 3: The statement is incorrect. Millets help in mitigating climate change as it has a low carbon footprint.

Source: [PIB](#)

Q.6) With reference to Mangrove Alliance for Climate (MAC) consider the following statements:

1. MAC is being led by India.
2. The alliance aims to educate and spread awareness worldwide on the role of mangroves in curbing global warming.

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

Explanation -

Statement 1: Statement is incorrect. MAC is being led by UAE and Indonesia.

Statement 2: It seeks to educate and spread awareness worldwide on the role of mangroves in curbing global warming and its potential as a solution for climate change.

Source: [The Indian Express](#)

Q.7) Consider the following statements:

1. Mangrove forests support food webs and host diverse marine life.
2. North America has the highest cover of mangroves in the world.

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: B

Explanation -

Statement 1: Mangrove forests consist of trees and shrubs that live in intertidal water in coastal areas and host diverse marine life. They also support a rich food web, with molluscs and algae-filled substrate acting as a breeding ground for small fish, thus providing a livelihood to local artisanal fishers.

Statement 2: Statement is incorrect. Asia has the largest mangrove cover in the world. South Asia has some of the most extensive areas of mangroves globally, while Indonesia hosts one-fifth of the overall amount. India holds around 3 percent of South Asia's mangrove population.

Source: [The Indian Express](#)

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Q.8) Consider the following statements:

1. A professor must have at least ten years of teaching experience to be recommended by the panel for the post of Vice-Chancellor.
2. Article 319 prohibits the members of the State Public Service Commission to hold any office under the Government of India or Government of State.

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 -

Statement 1: As per the recent SC judgment, a professor must have at least ten years of teaching experience to be recommended by the panel for the post of Vice-Chancellor.

Statement 2: Article 319 prohibits the members of the State Public Service Commission to hold any office under the Government of India or Government of State after they cease to be the member.

Source: [The Hindu](#)

Q.9) With reference to State Finance Commission (SFC) consider the following statements:

1. It is established by the Chief Minister of State every four years.
2. SFCs have not been effective in ensuring rule-based devolution of funds to local governments.

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

Explanation -

Statement 1: Statement is incorrect. The State Finance Commission is set up by the Governor of the state every five years.

Statement 2: As per the recent report of RBI, SFCs have not been effective in ensuring rule-based devolution of funds to local governments. The report also said governments have not set up SFCs in a regular and timely manner.

Source: [The Indian Express](#)

Q.10) Which of the following is not the responsibilities of the Governor?

- a) It acts as a link between Centre and the State.
- b) It addresses the joint session of the Assembly
- c) It gives assent to bills passed by the Legislature.
- d) It pardons the death sentence given by the High Court of the state.

Answer: D

Explanation - Governor does not have power to pardon the death sentence. Death sentences can only be pardoned by the President of India.

Source: [The Hindu](#)

PRELIMS

Q.1) With reference to Walong, a place in Arunachal Pradesh, consider the following statements:

1. It lies on the bank of river Dibang.
2. It is one of the easternmost towns of India.
3. Walong war was fought between India and China.

Which of the statements given above is/are correct?

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

Answer: D

Explanation -

Statement 1: The statement is incorrect. Walong lies on the bank of river Lohit.

Statement 2: It is one of the easternmost towns of India.

Statement 3: The Walong war was fought between India and China. Recently, the Indian Army has organized Walong Mela in continuation of Diamond Jubilee celebrations of Battle of Walong.

Source: [AIR](#)

Q.2) With reference to Global Offshore Wind Alliance (GOWA) consider the following statements:

1. It was set up by the International Renewable Energy Agency and the Global Wind Energy Council.
2. Belgium has joined the alliance recently at CoP-27.

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: C

Explanation -

Statement 1: Global Offshore Wind Alliance (GOWA) has been set up by the International Renewable Energy Agency and the Global Wind Energy Council.

Statement 2: Nine nations, including Belgium, Colombia, Germany, Ireland, Japan, the Netherlands, Norway, the United Kingdom, and the United States, joined the Global Offshore Wind Alliance (GOWA) at COP27 and committed to rapidly expanding offshore wind to address climate change and energy security concerns.

Source: [Economic Times](#)

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Q.3) With reference to the Global Methane Pledge (GMP) consider the following statements:

1. It was launched to accelerate action to reduce methane emissions.
2. India is part of GMP.

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: Global Methane Pledge (GMP) was launched at COP26 in November 2021 to catalyse action to reduce methane emissions.

Statement 2: The statement is incorrect. India is not part of GMP even though it is among the top five methane emitters globally.

Source: [The Times of India](#)

Q.4) With reference to Mangrove Forests cover in India consider the following statements:

1. Mangrove areas in India have decreased in the past two years due to increase in climate change.
2. West Bengal has the highest forest cover under mangroves in India.
3. Asia has the maximum share of mangrove area in the world.

Which of the statements given above are correct?

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

Answer: B

Statement 1: The statement is incorrect. The mangrove area in India has recorded an increase of 7.07 per cent to 4,992 sq km in 2021.

Statement 2: West Bengal has the highest forest cover under mangroves in India.

Statement 3: Asia has the maximum share of mangrove area in the world.

Source: [Business Standard](#)

Q.5) With reference to Himalayan Gray Langurs consider the following statements:

1. They are endemic to Eastern Himalayas.
2. They are listed as Endangered in the IUCN Red Data List.

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

Explanation -

Statement 1: The statement is incorrect. In the Indian Subcontinent, their distribution is reported from Himachal Pradesh, Jammu and Kashmir and from Pakistan and Nepal.

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Statement 2: They are listed as Endangered in the IUCN Red Data List.

Source: [The Hindu](#)

Q.6) With reference to Green Climate Fund (GCF) consider the following statements:

1. It is a financial framework that channels funds from developed countries to developing countries to help them reduce climate change and adapt to its effects.
2. It was established by QUAD nations.

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

Explanation -

Statement 1: Green Climate Fund (GCF) is a financial framework that channels funds from developed countries to developing countries to help them reduce climate change and adapt to its effects.

Statement 2: The statement is incorrect. It was created as a part of the UN Framework Convention on Climate Change (UNFCCC). It was formed in 2010 at COP -17. It is an UN-sponsored fund.

Source: [The Indian Express](#)

Q.7) With reference to Purvodaya Mission consider the following statements:

1. It has been launched by the Ministry of Heavy Steel and Public Enterprises.
2. It aims to enhance power generation capacity of the hydroelectric plants.

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: The statement is incorrect. Purvodaya Mission has been launched by the Ministry of Steel along with the Ministry of Petroleum and Natural Gas.

Statement 2: The statement is incorrect. It aims to accelerate the development of Eastern India by establishing an integrated steel centre in Kolkata, West Bengal. The focus is on the eastern states of India - Odisha, Jharkhand, Chhattisgarh, West Bengal, and northern Andhra Pradesh, which own iron ore, chromite, bauxite, and dolomite reserves.

Source: [The Times of India](#)

PRELIMS

Q.1) With reference to Indian Skimmer bird consider the following statements:

1. They are found in coastal estuaries in India.
2. They are listed as Endangered in the IUCN Red Data List.

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 –

Statement 1: They are found in coastal estuaries in India.

Statement 2: They are listed as Endangered in the IUCN Red Data List.

Source: [The Hindu](#)

Q.2) Which of the following best describes the term ‘Vaccine Equity’?

- a) It means all nations in the world has the right to be the part of vaccine production.
- b) It means that vaccines should be allocated across all countries based on needs and regardless of their economic status.
- c) It means that equal number doses should be given to all people.
- d) It means that every country has the right to be the part of the patent of the vaccine.

Answer: B

Explanation – Vaccine equity means that vaccines should be allocated across all countries based on needs and regardless of their economic status. Access to and allocation of vaccines should be based on principles grounded in the right of every human to enjoy the highest attainable standard of health without distinction of race, religion, political belief, economic, or any other social condition.

Source: [The Hindu](#)

Q.3) With reference to Rule of Law Index 2022 consider the following statements:

1. It is released by World Justice Project.
2. The index reveals that India’s overall score has increased.
3. Nepal has performed better than India in the 2022 index.

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: Rule of Law Index is released by World Justice Project.

Statement 2: The statement is incorrect. The index reveals that India’s overall score has decreased by less than 1%.

Statement 3: Nepal has performed better than India including its other neighbours in the 2022 index.

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Source: [WJP](#)

Q.4) With reference to Association of South East Asian Nation (ASEAN) consider the following statements:

1. India-ASEAN relationship forms the central pillar of India's Act-East policy.
2. Australia is one of the member nations of ASEAN.
3. Its secretariat is located in Jakarta, Indonesia.

Select the correct statements 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: India-ASEAN relationship forms the central pillar of India's Act-East policy.

Statement 2: The statement is incorrect. Australia is not the member of ASEAN. Indonesia, Malaysia, Philippines, Singapore, Thailand, Brunei, Vietnam, Laos, Myanmar, and Cambodia are the members of ASEAN.

Statement 3: Its secretariat is located in Jakarta, Indonesia.

Source: [PIB](#)

Q.5) With reference to the Ninth Schedule of the Indian Constitution consider the following statements:

1. The Ninth Schedule contains a list of central and state laws which cannot be challenged in courts on any ground.
2. It was inserted by the First Constitutional Amendment.

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

Explanation –

Statement 1: The statement is incorrect. The Ninth Schedule contains a list of central and state laws which cannot be challenged in courts. However, if that law takes away the basic structure, then it is subject to the judicial review.

Statement 2: Ninth Schedule was inserted by the First Constitutional Amendment in 1951.

Source: [The Indian Express](#)

Q.6) With reference to General Network Access (GNA) regulation consider the following statements:

1. GNA refers to open access to the interstate electricity transmission system.
2. It provides more flexibility and the possibility of open access to the buyers and sellers of power and does not suffer from the rigidity of the current point-to-point open access mechanism.
3. This has been issued within the concept of One Nation, One Grid.

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

Statement 1: General Network Access (GNA) refers to open access to the interstate electricity transmission system.

Statement 2: the regulation aimed at providing more flexibility and the possibility of open access to the buyers and sellers of power in terms of scheduling, subject to grid constraints, and does not suffer from the rigidity of the current point-to-point open access mechanism.

Statement 3: GNA regulation has come in the line with the concept of One Nation, One Grid.

Source: [The Indian Express](#)

Q.7) 'Shabd Shala' website will be launched by –

- a) Commission for Scientific and Technical Terminology (CSTT)
- b) University Grant Commission (UGC)
- c) Knowledge Commission
- d) Space Commission

Answer: A

Explanation – 'Shabd Shala' website will invite suggestions for translation of words that are recent additions to the English language and are used widely in India like Selfie, 'drones', 'metaverse', and 'Artificial Intelligence', etc. Website will be launched by CSTT.

Source: [The Hindu](#)

Q.8) With reference to Illegal, Unreported and Unregulated (IUU) fishing consider the following statements:

1. IUU fishing depletes fish stocks and impacts coastal communities.
2. There is no commission in India to monitor IUU fishing in the Indian Ocean.
3. There has been an increase in IUU fishing in the Indian Ocean Region.

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: IUU fishing depletes fish stocks, destroys marine habitats, puts fishermen at disadvantage and impacts coastal communities, especially in developing countries.

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Statement 2: The statement is incorrect. As per United Nations Convention on the Law of the Sea (UNCLOS), coastal nations are responsible for addressing IUU fishing issues within their respective EEZ. There are regional fisheries management organisations such as the Indian Ocean Tuna Commission operating under the mandate of UNCLOS as regulatory bodies to monitor IUU fishing on the high seas.

Statement 3: Illegal, Unreported and Unregulated (IUU) fishing continues to rise beyond India's Exclusive Economic Zone (EEZ). Most of the illegal activity is found in the Northern Indian Ocean Region (IOR).

Source: [The Hindu](#)

Q.9) Which of the following statements is not correct regarding J.B. Kripalani?

- a) He was the President of Indian National Congress at the time of independence.
- b) He participated in the Quit India Movement.
- c) He was one of the founders of Krishak Mazdoor Praja Party
- d) He supported Indira Gandhi at the time of Emergency

Answer: D

Explanation – He was against the authoritarian rule of Indira Gandhi and was also arrested during the time of emergency. He also moved first ever non-confidence motion on the floor of the Lok Sabha in August 1963, immediately after the India-China War.

Source: [PIB](#)

Q.10) With reference to Exclusive Economic Zone (EEZ) consider the following statements:

- 1. It is an area of the sea in which a sovereign state has special rights regarding the exploration and use of marine resources.
- 2. A sovereign state does not have the right to generate energy from water or wind that lies in the EEZ.

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: Exclusive Economic Zone (EEZ) is an area of the sea in which a sovereign state has special rights regarding the exploration and use of marine resources.

Statement 2: The statement is incorrect. The rights given include generation of power from current, wind, water. These are exclusive rights of the sovereign coastal state.

Source: [The Hindu](#)

PRELIMS

Q.1) Consider the following statements:

1. Methane has a greater potential than carbon dioxide in causing global warming.
2. Methane has large number of emitting sources than carbon dioxide.
3. The Methane Alert and Response System (MARS) will integrate data from existing and future satellites that have the ability to detect methane emission events anywhere in the world.

Which of the statements given above are correct?

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

Answer: C

Explanation –

Statement 1: Methane is far more dangerous than carbon dioxide in its potential to cause global warming. Methane is blamed for having caused at least 25 to 30 per cent of temperature rise since the pre-industrial times.

Statement 2: The statement is incorrect. Methane unlike carbon dioxide, is largely a sectoral gas, and there are only a few sources of emission.

Statement 3: The Methane Alert and Response System, or MARS, will integrate data from a large number of existing and future satellites that have the ability to detect methane emission events anywhere in the world, and send out notifications to the relevant stakeholders to act on it.

Source: [The Indian Express](#)

Q.2) With reference to Indian history consider the following statements:

1. Adil Shahi Dynasty was founded by Aurangzeb.
2. Afzal khan was a general who served the Adil Shahi dynasty of Bijapur Sultanate in India.

Select the correct statements using the codes given below:

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

Answer: B

Explanation –

Statement 1: Statement is incorrect. Adil Shahi Dynasty was founded by Yusuf Adil Shah, that ruled the Sultanate of Bijapur.

Statement 2: Afzal khan was a general who served the Adil Shahi dynasty of Bijapur Sultanate in India.

Source: [The Indian Express](#)

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Q.3) Which of the statement is not true regarding Sir CP Ramaswamy Iyer?

- a) He served as the Advocate-General of Madras Presidency.
- b) He was a law member of the Executive Council of the Viceroy of India.
- c) He was Diwan of Travancore.
- d) He presided over the Karachi Congress session.

Answer: D

Explanation - Sir CP Ramaswamy Iyer served as the Advocate-General of Madras Presidency, was a law member of the Executive council of the Governor of Madras, was a law member of the Executive Council of the Viceroy of India, was Diwan of Travancore, he became the Secretary of the Indian National Congress but he disagreed Gandhi over Swadeshi and Non-cooperation movements.

Source: [The Indian Express](#)

Q.4) 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.

Source: [The Indian Express](#)

Q.5) With reference to Sea-Vigil, a defence exercise, consider the following statements:

- 1. It is a national level coastal defence exercise.
- 2. The objective behind this exercise is to activate the Coastal Security apparatus *across India* and assess the overarching Coastal Defence mechanism.
- 3. The exercise will be undertaken along the entire coastline including the Exclusive Economic Zone of India.

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: Sea-Vigil is a national level coastal defence exercise conceptualised in 2018 to validate various measures that have been instituted towards enhancing maritime security.

Statement 2: The objective behind this exercise is to activate the Coastal Security apparatus *across India* and assess the overarching Coastal Defence mechanism.

Statement 3: The exercise will be undertaken along the entire coastline including the Exclusive Economic Zone of India.

Source: [PIB](#)

Q.6) Long-Term Low Emission Development Strategy (LT-LDES) has been recently submitted by India at CoP-27. In this context consider the following statements:

1. Low-carbon electricity and transport systems.
2. Developing disaster resilience infrastructure.
3. Carbon mitigation technologies.

Which of the above is/are not the part of LT-LDES?

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

Answer: B

Explanation - Long-Term Low Emission Development Strategy (LT-LDES) focuses on low-carbon electricity and transport systems, energy-efficient urban infrastructure, low-emission industrial systems, carbon mitigation technologies, enhanced forest cover, and economic and financial aspects of low-carbon development.

Source: [Business Standard](#)

Q.7) Troika, under G20 refers to –

- a) The top grouping within the G20 that consists of the current, previous and the incoming presidencies.
- b) Trilateral trade agreement between the members of G20.
- c) Economic success achieved by the members of G20.
- d) A special mechanism by which developed countries of G20 can counter increasing threat from China.

Answer: A

Explanation – Troika refers to the top grouping within the G20 that consists of the current, previous and the incoming presidencies.

Source: [The Hindu](#)

Q.8) With reference to Right to Freedom of Religion enumerated in the Constitution of India consider the following statements:

1. Article 28 gives every person the right to freedom of conscience and the right to freely profess, practice, and propagate religion subject to public order, morality, and health.
2. It provides for the state to take special measure regarding welfare and social reforms associated with religious practices.

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

Explanation –

Statement 1: Article given is incorrect. Article 25 gives every person the right to freedom of conscience and the right to freely profess, practice, and propagate religion subject to public order, morality, and health.

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Statement 2: Freedom of Religion provides for the state to take special measure regarding welfare and social reforms associated with religious practices.

Source: [The Hindu](#)

Q.9) With reference to Perform, Achieve and Trade (PAT) scheme consider the following statements:

1. It was launched by the Bureau of Energy Efficiency (BEE).
2. The scheme focuses to target country's energy-intensive industries to reduce its energy consumption and associated greenhouse gas emissions.

Select the correct statements suing the codes given below:

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

Answer: C

Explanation – Perform, Achieve and Trade (PAT) scheme was launched by the Bureau of Energy Efficiency (BEE) to reduce energy consumption and associated greenhouse gas emissions from the 13 energy-intensive industries. Industries that participate in this scheme are called designated consumers (DC) and they are given specific energy-saving targets for a three-year cycle.

Source: [The Hindu](#)

Q.10) Consider the following statements:

1. Forests act as a carbon sink.
2. The Nationally Determined Contributions (NDC) are the binding target given to countries to reduce greenhouse gas emissions under the United Nations Framework Convention on Climate Change (UNFCCC).

Select the correct statements suing 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: Forest acts a carbon sink because they take carbon out of the atmosphere through the process of photosynthesis.

Statement 2: The statement is incorrect. The NDCs are voluntary commitments by countries to reduce greenhouse gas emissions to achieve the long-term goal of climate agreements. NDCs are non-binding.

Source: [The Hindu](#)

PRELIMS

Q.1) “YUDH ABHYAS”, a joint defence training exercise is conducted between –

- a) India and USA
- b) India and Japan
- c) India and Australia
- d) Sri Lanka and Brazil

Answer: A

Explanation – Exercise Yudh Abhyas is conducted annually between India and USA with the aim of exchanging best practices, Tactics, Techniques and Procedures between the Armies of the two nations. The 18th edition of Indo - US joint training exercise “YUDH ABHYAS 22” is scheduled to be conducted in Uttarakhand this month.

Source: [PIB](#)

Q.2) With reference to Leadership Group for Industry Transition (LeadIT) initiative consider the following statements:

- 1. It gathers countries and companies that are committed to action to achieve the Paris Agreement.
- 2. It is supported by World Bank.

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: LeadIT initiative gathers countries and companies that are committed to action to achieve the Paris Agreement. It focuses on low carbon transition of the hard to abate industrial sector.

Statement 2: The statement is incorrect. LeadIT initiative is being supported by World Economic Forum.

Source: [PIB](#)

Q.3) With reference to Cauvery South Wildlife Sanctuary consider the following statements:

- 1. It lies in Karnataka.
- 2. Grizzled giant squirrel is found in this sanctuary.
- 3. Nandimangalam-Ulibanda elephant corridor falls in this sanctuary.

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: Statement is incorrect. Cauvery South Wildlife Sanctuary lies in Tamil Nadu. It is 17th wildlife sanctuary of Tamil Nadu.

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Statement 2: Grizzled giant squirrel, four-horned antelope, and Lesser Fish Eagle which are exclusively dependent on the Cauvery River and its riverine forest ecosystem, are found in Cauvery South Wildlife Sanctuary.

Statement 3: Two important and large elephant corridors namely, the Nandimangalam-Ulibanda Corridor and the Kovaipallam-Anebidahalla Corridor fall in this area.

Source: [The Indian Express](#)

Q.4) Consider the following statements with respect to the freedom fighter Govind Guru:

1. He organized the sampa sabha to serve the Adivasi people.
2. He was the leader of Mangarh massacre.
3. He participated in Quit India Movement.

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: Govind Guru organized the sampa sabha to serve the Adivasi people. He was a tribal leader and socio-religious reformer.

Statement 2: He was the leader of Mangarh massacre. Around 1500 tribal people lost their lives in this massacre against the British.

Statement 3: The statement is incorrect. Govind Guru died on October 30, 1931 whereas Quit India Movement was held in 1942. So, he did not participate.

Source: [The Indian Express](#)

Q.5) Which of the following is not a megalithic site in India?

- a) Junapani
- b) Hanamsagar
- c) Nilaskal
- d) Gufkral

Answer: D

Explanation – Gufkral is a Neolithic site in Kashmir.

Source: [The Hindu](#)

Q.6) Which of the following is the objective of 'Kashi Tamil Sangamam' being organized in Varanasi?

- a) To bring the two knowledge and cultural traditions of the North and South closer.
- b) To raise financial awareness amongst the people of two states.
- c) To share IT skills between the people of the two states.
- d) To educate people of both the state about the river cleanliness programs.

Answer: A

Explanation –The objective of Kashi Tamil Sangamam is to bring the two knowledge and cultural traditions (of the North and South) closer, create an understanding of our shared heritage and deepen the people-to-people bond between the regions. This is in sync with the National Education Policy, 2020.

Source: [The Indian Express](#)

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Q.7) Which of the following is not a reason behind rising world population?

- a) Low mortality rate
- b) High fertility rate
- c) Decline in slum areas
- d) Improvement in public health facilities

Answer: C

Explanation – World's Population is rising due to low mortality because of improvement in public health services, medicine, hygiene, etc. High fertility rate in some countries is also the reason behind population growth.

Source: [The Indian Express](#)

Q.8) World Population Prospects report is published by –

- a) International Monetary Fund (IMF)
- b) World Bank
- c) World Trade Organization (WTO)
- d) The United Nations (UN)

Answer: D

Explanation - World Population Prospects report is published by The UN Department of Economic and Social Affairs.

Source: [The Indian Express](#)

Q.9) With reference to the Monetary Policy Committee (MPC) consider the following statements:

1. It is headed by the Finance Minister of India.
2. It is a statutory body.
3. It was set up on the recommendation of the Urjit Patel Committee.

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: B

Explanation –

Statement 1: The statement is incorrect. Monetary Policy Committee (MPC) is headed by the RBI Governor.

Statement 2: MPC is a statutory body established under section 45ZB of the RBI Act 1934.

Statement 3: It was set up on the recommendation of the Urjit Patel Committee.

Source: [Live Mint](#)

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Q.10) With reference to the Wildlife Protection Act, 1972 consider the following statements:

1. It aims to conserve plant and animal species.
2. The act establishes the Central Zoo Authority.
3. The act is in line with the provision of Directive Principle of State Policy (DPSP).

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

Statement 1: Wildlife Protection Act, 1972 aims to conserve plant and animal species.

Statement 2: The act establishes the Central Zoo Authority.

Statement 3: The act is in line with the provisions of Directive Principle of State Policy (DPSP). Article 48A of DPSP says that the State shall endeavour to protect and improve the environment and to safeguard the forests and wild life of the country.

Source: [The Indian Express](#)

PRELIMS

Q.1) With reference to the regulatory framework for Online Bond Platform Providers (OBPP), recently announced by SEBI consider the following statements:

1. It provided that no person can act as an online bond platform provider without obtaining registration certificate as a stock broker from SEBI.
2. It says that those persons already acting as an online bond platform provider without registration certificate can continue to do so for a period of three months.

Which of the statement given above is/are correct?

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

Answer: C

Explanation -

Statement 1: The regulatory framework for OBPP provided that no person can act as an online bond platform provider without obtaining registration certificate as a stock broker from SEBI.

Statement 2: The framework also says that those persons already acting as an online bond platform provider without registration certificate can continue to do so for a period of three months.

Source: [The Economic Times](#)

Q.2) Consider the following countries:

1. Australia
2. Japan
3. Russia

Which of the above countries is/are not part of Malabar maritime exercise?

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

Answer: C

Explanation - Malabar, which began as a bilateral exercise between India and the U.S. in 1992 and became multilateral with the addition of Australia and Japan.

Source: [PIB](#)

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Q.3) With reference to Digital Shakti Campaign, consider the following statements:

1. It aims at providing digital financial literacy and creating financial awareness amongst the people living in rural areas.
2. It has been launched by the National Commission for Women (NCW).

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

Explanation –

Statement 1: The statement is incorrect. Digital Shakti Campaign is a pan-India project on digitally empowering and skilling women and girls in the cyberspace. Digital Shakti 4.0 is focused on making women digitally skilled and aware to stand up against any illegal/inappropriate activity online.

Statement 2: Digital Shakti Campaign has been launched by the National Commission for Women (NCW).

Source: [PIB](#)

Q.4) With reference to Electoral Bonds consider the following statements:

1. It is a financial tool used for making donations to political parties.
2. Only political party, registered under section 29A of the Representation of the Peoples Act, 1951 and secured not less than 1% of the votes polled in the most recent General elections or Assembly elections, is eligible to receive electoral bonds.
3. The bond carries the rate of interest and is eligible for trading purposes.

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: Electoral Bond is a financial tool used for making donations to political parties.

Statement 2: Only the political party registered under section 29A of the Representation of the Peoples Act, 1951 and secured not less than 1% of the votes polled in the most recent General elections or Assembly elections is eligible to receive electoral bonds.

Statement 3: The statement is incorrect. The bond does not carry the rate of interest and is not eligible for trading purposes.

Source: [The Hindu](#)

Q.5) Consider the following countries:

1. Argentina
2. Singapore
3. Canada
4. Switzerland

Which of the above countries are part of Group of Twenty (G20)?

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

Answer: D

Explanation – Argentina, Australia, Brazil, Canada, China, France, Germany, India, Indonesia, Italy, Japan, Republic of Korea, Mexico, Russia, Saudi Arabia, South Africa, Turkey, the United Kingdom, the United States, European Union are the respective members of G20.

Source: [The Hindu](#)

Q.6) With reference to ‘Moscow Format’, consider the following statements:

1. It was set up by Russia for peace and stability in Afghanistan.
2. India, Pakistan and China are part of this grouping.

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: Moscow Format was set up by Russia for peace and stability in Afghanistan in 2017.

Statement 2: It consists of Russia, China, Pakistan, Iran, Kazakhstan, Tajikistan, Kyrgyzstan, Uzbekistan, Turkmenistan and India.

Source: [The Hindu](#)

Q.7) ‘Carbon Border Tax’ was recently seen in the news. It means –

- a) The imposition of green tax on the companies emitting greenhouse gases at the border of the countries.
- b) A compensation payment mechanism from the high greenhouse gas emitting country to the lower greenhouse gas emitting border nations.
- c) An extra tax imposed on import of the non-environmentally friendly products.
- d) A tax imposed on products that are extremely carbon intensive.

Answer: D

Explanation - Carbon Border Tax or Carbon Border Adjustment Mechanism a policy proposed by the EU, means to tax import of products such as cement and steel, that are extremely carbon intensive.

Source: [The Hindu](#)

Q.8) Pangong Lake is situated in –

- a) Arunachal Pradesh
- b) Ladakh
- c) Himachal Pradesh
- d) Nagaland

Answer: B

Explanation – Pangong Lake or Pangong Tso is situated in Ladakh.

Source: [The Hindu](#)

Q.9) With reference to Article 13 of the Indian Constitution consider the following statements:

- 1. It describes the means for judicial review.
- 2. It provides for the state to take away fundamental rights of the citizens in special circumstances.

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: Article 13 of the Indian Constitution provides the means for judicial review.

Statement 2: Article 13 does not have any such provision.

Source: [The Hindu](#)

Q.10) Consider the following statements:

- 1. The refractive index changes periodically.
- 2. It occurs in nature in the form of structural coloration.

Which of the statements given above is/are correct regarding photonic crystals?

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

Answer: C

Explanation –

Statement 1: Photonic crystals are optical nanostructures in which the refractive index changes periodically.

Statement 2: Photonic crystals occur in nature in the form of structural coloration and animal reflectors.

Source: [PIB](#)

PRELIMS

Q.1) With reference to the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) consider the following statements:

1. It is a global intergovernmental agreement to regulate worldwide trade in wild animal and plant species.
2. It is legally binding on Parties.
3. *The trade of species listed in Appendix I of CITES are regulated by permit.*

Which of the statements given above is/are correct?

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

Answer: A

Explanation –

Statement 1: CITES is a global intergovernmental agreement to regulate worldwide trade in wild animal and plant species.

Statement 2: CITES is legally binding on Parties.

Statement 3: The statement is incorrect. *The trade of species listed in Appendix I of CITES are prohibited* except in extraordinary situations for scientific or educational reasons.

Source: [The Hindu](#)

Q.2) With reference to Wildlife Justice Commission (WJC) consider the following statements:

1. Its mission is to control the transnational criminal networks trading in wildlife, timber, and fish.
2. It's headquartered at The Hague, the Netherlands.

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: Wildlife Justice Commission operates globally with the mission to disrupt and help dismantle organised transnational criminal networks trading in wildlife, timber and fish.

Statement 2: It's headquartered at The Hague, the Netherlands.

Source: [The Hindu](#)

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Q.3) With reference to World Wide Fund for Nature (WWF) consider the following statements:

1. It is an international non-governmental organization.
2. Global Environment Outlook is published by WWF.
3. It's headquartered at New York.

Which of the statements given above is/are correct?

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

Answer: A

Statement 1: World Wide Fund for Nature (WWF) is an international non-governmental organization. It works in the field of wilderness preservation and the reduction of human impact on the environment.

Statement 2: The statement is incorrect. The Energy Report & Living Planet Report is published by WWF.

Statement 3: The statement is incorrect. It's headquartered at Gland (Switzerland).

Source: [The Hindu](#)

Q.4) With reference to Green Voyage 2050 Project consider the following statements:

1. It is a partnership project between the US and the World Trade Organization.
2. It aims at reducing shipping greenhouse gas (GHG) emissions.
3. India is not the part of the project.

Select the correct statements using the codes given below:

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

Answer: B

Statement 1: The statement is incorrect. Green Voyage 2050 Project is partnership project between the Government of Norway and the International Maritime Organization (IMO).

Statement 2: The project was launched in 2019 with the aim to reducing shipping greenhouse gas (GHG) emissions by 50% before 2050.

Statement 3: Azerbaijan, Belize, China, Cook Islands, Ecuador, Georgia, India, Kenya, Solomon Islands, South Africa and Sri Lanka are partnering countries in the GreenVoyage2050 Project.

Source: [PIB](#)

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Q.5) With reference to Infrastructure for Resilient Island States (IRIS) consider the following statements:

1. This initiative is a part of the Coalition for Disaster Resilient Infrastructure (CDRI).
2. It aims at providing climate mitigation efforts for Small Island Developing States (SIDS).
3. It was launched by the Brazil and South Africa.

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: IRIS initiative is a part of the Coalition for Disaster Resilient Infrastructure (CDRI).

Statement 2: It is a flagship strategic initiative that has been designed as an instrument to achieve and deliver resilience and climate adaptation solutions to the SIDS, which are among the most vulnerable and exposed countries.

Statement 3: The statement is incorrect. IRIS was launched at the World Leaders Summit at COP26 by India, UK, Australia, Jamaica, Mauritius and Fiji. It is a joint platform to facilitate cross learning, sharing and engagement on solutions to infrastructure resilience in SIDS.

Source: [PIB](#)

Q.6) Consider the following:

1. Decay of organic material
2. Digestion of food by cattle
3. Agricultural activities
4. Wildfires

Which of the above are the sources of methane?

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

Answer: D

Explanation – Some of the sources of methane are – decay of organic materials, cattle, agricultural activities, wildfires, wetlands, gas hydrates, termites, oceans, freshwater bodies, etc.

Source: [Business Standard](#)

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Q.7) Consider the following statements with respect to cultivated meat:

1. It is a meat produced by culturing animal cells.
2. Singapore is the only country to approve the sale of cultivated meat products.
3. It is a form of cellular agriculture.

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: Cultivated meat also known as cultured meat produced by culturing animal cells in the lab.

Statement 2: Singapore is the only country to approve the sale of cultivated meat products.

Statement 3: Cultivated meat is a form of cellular agriculture.

Source: [Business Standard](#)

Q.8) Which of the following is the significance of Bali Yatra?

- a) Performing ancient tribal ritual by the people of Manipur.
- b) Offer prayer to the tribal gods of India.
- c) To commemorate the rich maritime history of Odisha.
- d) To increase the maritime security awareness amongst the coastal states of India.

Answer: C

Explanation – Bali Yatra is a festival that commemorates the rich maritime history of Odisha and it is celebrated throughout the state. This year's Baliyatra, which concluded on Thursday, also found a place in the Guinness World Records for achieving an impressive feat of origami, the creation of beautiful paper sculptures.

Source: [The Indian Express](#)

Q.9) With reference to Pradhan Mantri Garib Kalyan Anna Yojana (PMGKAY) consider the following statements:

1. It is a part of Atmanirbhar Bharat to supply free food grains to migrants and poor.
2. 5 kg of food grain per person per month is provided free of cost for all the beneficiaries covered under the National Food Security Act (NFSA).

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: C

Explanation-

Statement 1: PMGKAY is a part of Atmanirbhar Bharat to supply free food grains to migrants and poor.

Statement 2: PMGKAY provides 5 kg of rice or wheat per person and 1 kg of dal to each family holding a ration card.

Source: [The Hindu](#)

10 PM Compilation for the Month of November, 2022

Q.10) With reference to Carbon Pricing consider the following statements:

1. It is the tax that will be imposed on the people for emitting greenhouse gases after a decade.
2. It works by capturing the external costs of emitting carbon.
3. It promotes the achievement of the Sustainable Development Goals by channeling finance to sustainable development projects.

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: The statement is incorrect. Carbon pricing curbs greenhouse gas emissions by placing a fee on emitting and/or offering an incentive for emitting less to GHG producing industries.

Statement 2: Carbon pricing works by capturing the external costs of emitting carbon - i.e., the costs that the public pays, such as loss of property due to rising sea levels, or the health care costs associated with heat waves and droughts, etc. and placing that cost back at its source.

Statement 3: It promotes the achievement of the Sustainable Development Goals by channelling finance to sustainable development projects.

Source: [Business Standard](#)

PRELIMS

Q.1) With reference to Mangrove Forests consider the following statements:

1. They help in reducing coastal erosion.
2. They help in storing blue carbon.
3. Mangrove forests along the coast of Tamil Nadu is expected to rise in the coming years.

Which of the statements given above are correct?

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

Answer: A

Explanation –

Statement 1: Mangroves provide natural infrastructure and protection by preventing erosion and absorbing storm surge impacts during extreme weather events such as hurricanes. Their dense roots help bind and build soils.

Statement 2: Mangrove forests capture massive amounts of carbon dioxide emissions and other greenhouse gases from the atmosphere, and then trap and store them in their carbon-rich flooded soils. This buried carbon is known as “blue carbon”.

Statement 3: The statement is incorrect. According to the recent study, by 2070, Indian mangroves will further reduce and shift by around 50%, especially in southern India, due to decline in suitable habitats along the east and west coasts of India. Mangroves in the southwest and southeast of the country that cover four states, namely, Karnataka, Tamil Nadu, Kerala, and Andhra Pradesh, will be the most vulnerable.

Source: [The Times of India](#)

Q.2) With reference to Prisoner Induction Document consider the following statements:

1. It is a document required by Unique Identification Authority of India (UIDAI) for the Aadhaar enrolment or update of the prisoners.
2. It is a document that the state government needs to maintain for the prisoners living in the jail of the respective state.

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 – To cover prison inmates across the country, the Unique Identification Authority of India (UIDAI) has agreed to accept the Prisoner Induction Document as a valid document for Aadhaar enrolment or update. Statement 2 is incorrect.

Source: [The Hindu](#)

Q.3) With reference to the United Nations Security Council (UNSC) consider the following statements:

1. UNSC is the only UN body with the authority to issue binding resolutions to member states.
2. A country needs to be the member of World bank in order to become the member of UNSC.

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

Explanation – UNSC is the only UN body with the authority to issue binding resolutions to member states. Statement 2 is incorrect.

Source: [The Hindu](#)

Q.4) With reference to Vikram-S rocket consider the following statements:

1. It has been launched under the mission Eklavya.
2. It is the first private rocket in India to go to space.
3. It has been developed by Skyroot Aerospace.

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. Mission Prarambh is associated with the launch of Vikram-S.

Statement 2: It is the first private rocket in India to go to space.

Statement 3: It has been developed by Skyroot Aerospace.

Source: [The Hindu](#)

Q.5) With reference to Muli Bamboo consider the following statements:

1. It is the largest fruit-producing bamboo.
2. It is native to Southern states of India.
3. They are responsible for rat flood in the growing region.

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: Muli Bamboo is the largest fruit-producing bamboo.

Statement 2: The statement is incorrect. Muli Bamboo is native to North-eastern states of India.

Statement 3: It is tropical bamboo species responsible for 'bamboo death,' 'rat floods' and famines in northeast India.

Source: [The Hindu](#)

Q.6) Consider the following statements:

1. India is the fifth-largest country in the world in having private space firms.
2. India's share in the global space economy is higher than the US.

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: According to industry data, India has more than 350 private firms in the space sector making it the fifth-largest in the world in this respect after the US, UK, Canada and Germany.

Statement 2: The statement is incorrect. India's share in the global space economy is barely 3 per cent which is lower than the US.

Source: [The Indian Express](#)

Q.7) With reference to Treaty on the Prohibition of Nuclear Weapons (TPNW) consider the following statements:

1. It is a UN sponsored treaty which prohibit states from participating in any nuclear weapons-related activities.
2. India is not a signatory of this treaty.
3. It is the first legally binding international agreement that prohibits the use of nuclear weapons.

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: It is a UN sponsored treaty that contains provisions which prohibit states from participating in any nuclear weapons-related activities.

Statement 2: India is not a signatory of this treaty.

Statement 3: It is the first legally binding international agreement that prohibits the use of nuclear weapons.

Source: [The Indian Express](#)

10 PM Compilation for the Month of November, 2022

Q.8) With reference to the International Court of Justice (ICJ) consider the following statements:

1. The judges in the ICJ represents the member state.
2. French is one of its official languages.
3. It is located at New York.

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

Statement 1: The statement is incorrect. Judges of the ICJ do not represent the member state of the UN. They are independent.

Statement 2: The official languages of ICJ are English and French.

Statement 3: The statement is incorrect. It is the only UN organ that is located out of New York in The Hague (Netherlands).

Source: [The Indian Express](#)

Q.9) With reference to Product Linked Incentive Scheme (PLI) consider the following statements:

1. The aim of the scheme is to end competition for the domestic industries by limiting the production from foreign companies.
2. It aims at providing employment opportunities in the manufacturing sector and reducing the imports.

Select the correct statements using the codes given below:

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

Answer: B

Explanation –

Statement 1: The statement is incorrect. It is an initiative that provides incentives to domestic industries to boost local production. The scheme also invites foreign companies to set up units in India.

Statement 2: The scheme aims at providing employment opportunities in the manufacturing sector and reducing the imports.

Source: [The Indian Express](#)

10 PM Compilation for the Month of November, 2022

Q.10) Consider the following statements with respect to Governor:

1. The office of the governor is subordinate to the central government.
2. The constitution has not laid down any grounds for the removal of the Governor by the President.

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

Explanation –

Statement 1: The statement is incorrect. The office of the Governor is an independent constitutional office and is not under the control of or subordinate to the central government

Statement 2: The constitution has not laid down any grounds for the removal of the Governor by the President.

Source: [The Hindu](#)

PRELIMS

Q.1) With reference to Great Knot Bird consider the following statements:

1. It is a non-migratory bird species endemic to western ghats of India.
2. It is listed as Critically Endangered 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: D

Explanation –

Statement 1: The statement is incorrect. Great Knot Bird are migratory birds are spread across Russia, India, Australia, Bangladesh, Pakistan, etc.

Statement 2: The statement is incorrect. Great Knot Birds are listed as Endangered in the IUCN Red Data List.

Source: [The Hindu](#)

Q.2) Consider the following:

1. Rationalization of subsidies.
2. Decreasing the tax base in the economy.
3. Reducing bonus of the government employees.

Which of the above measures is/are required to check the fiscal deficit of the country?

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

Answer: C

Explanation –

Statement 1: Rationalization of subsidies, reducing bonus of the government employees and increasing tax base in the economy are some of the measures required to check fiscal deficit of a nation.

Source: [Live Mint](#)

Q.3) With reference to the Global Partnership on Artificial Intelligence (GPAI) consider the following statements:

1. It is an international organization that aims to bring prevention mechanism from the threat arising out of the cyber security by enabling global participation.
2. India is a part of this initiative.
3. UNESCO has an observer status to GPAI.

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. It is an international initiative to support responsible and human-centric development and use of Artificial Intelligence (AI). It brings together leading experts from science, industry, civil society, and governments to "bridge the gap between theory and practice" through applied AI projects and activities.

Statement 2: GPAI was launched in the year 2020 and India is one of its founding members.

Statement 3: UNESCO has also joined in 2020 as an observer.

Source: [PIB](#)

Q.4) With reference to Network Readiness Index 2022 (NRI 2022) consider the following statements:

1. One of the pillars used in the preparation of this index is the governance of the country.
2. The performance of India has declined in the recent index.

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: The NRI Report maps the network-based readiness landscape of 131 economies based on their performances in four different pillars: Technology, People, Governance, and Impact covering a total of 58 variables. The report has been prepared by the Portulans Institute, an independent non-profit, nonpartisan research and educational institute based in Washington DC.

Statement 2: The statement is incorrect. India has not only improved its ranking, but also improved its score from 49.74 in 2021 to 51.19 in 2022. India leads in several indicators. NRI-2022 report states that India has a greater network readiness than would be expected given its income level.

Source: [PIB](#)

Q.5) With reference to National Centre of Excellence for Green Port & Shipping (NCoEGPS) consider the following statements:

1. It will provide the decision makers with methodology and framework to implement carbon neutrality measures and to meet obligations under the Paris Accord in the shipping sector.
2. It will work under the framework of the Sagarmala programme.
3. It will empower Make in India in port and help in facilitating Coastal and Inland water transport.

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: NCoEGPS will provide the decision makers with methodology and framework to implement carbon neutrality measures and to meet obligations under the Paris Accord in the shipping sector.

Statement 2: It will be working under the framework of the Sagarmala programme.

Statement 3: It will empower 'Make in India' in Port, Coastal and Inland water transport, and Engineering by developing state of art technologies and application products.

Source: [PIB](#)

Q.6) Consider the following statements:

1. Shore power helps in reducing the air pollution.
2. India is expected to set up facilities for providing shore power by the end of this decade.
3. India has been selected as the first country under the IMO Green Voyage 2050 project to conduct a pilot project related to Green Shipping.

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

Statement 1: Shore power helps in reducing the air pollution. It is the power facilities given to ships docked to the ports so that their engines remained off. This helps in reducing the cost of the fuel of the shipping companies and also helps in reducing air pollution.

Statement 2: The statement is incorrect. India is already supplying shore power to ships with power demand less than 150 KW at present and targeting to supply shore power to all visiting ships.

Statement 3: India has been selected as the first country under the IMO Green Voyage 2050 project to conduct a pilot project related to Green Shipping.

Source: [PIB](#)

10 PM Compilation for the Month of November, 2022

Q.7) Consider the following statements:

1. India's per capita income has not improved much compared to its economic growth.
2. India needs to raise the Gross Fixed Capital Formation rate to achieve the status of a developed 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: C

Explanation –

Statement 1: India is currently fifth largest economy. However, its per capita income is low when compared to its economic growth. In 2020, India's rank was 142 out of 197 countries.

Statement 2: India needs to raise the Gross Fixed Capital Formation rate from the current level of 28% of GDP to 33% of GDP and it needs to maintain the incremental capital output ratio at 4 to achieve the status of a developed country.

Source: [The Hindu](#)

Q.8) With reference to the Convention on the Elimination of All Forms of Discrimination Against Women (CEDAW) consider the following statements:

1. It is an international legal instrument that requires countries to eliminate discrimination against women and girls in all areas.
2. India is one of the nations to ratify the convention.

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: It is an UN convention and an international legal instrument that requires countries to eliminate discrimination against women and girls in all areas.

Statement 2: India ratified CEDAW in 1993.

Source: [The Hindu](#)

10 PM Compilation for the Month of November, 2022

Q.9) Consider the following statements:

1. Refugees registered directly with the Government of India can possess government-issued documents whereas refugees registered with UNHCR cannot.
2. Women and girls account for less than half of the total refugees in India.

Select the correct statements using the codes given below:

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

Answer: C

Explanation –

Statement 1: Refugees registered directly with the Government of India can possess government-issued documents whereas refugees registered with UNHCR cannot.

Statement 2: The statement is incorrect. Women and girls account for more than half of the total refugees in India.

Source: [The Hindu](#)

Q.10) Consider the following statements:

1. The Indian Council of Agricultural Research (ICAR) is the apex body for coordinating, guiding, and managing research and education in agriculture in the entire country.
2. ICAR comes under the Ministry of Agriculture and Farmers Welfare.
3. Agricultural education is mentioned in the Union List of the Seventh Schedule.

Select the correct statements 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: A

Explanation –

Statement 1: The Indian Council of Agricultural Research (ICAR) is the apex body for coordinating, guiding, and managing research and education in agriculture in the entire country.

Statement 2: ICAR comes under the Ministry of Agriculture and Farmers Welfare.

Statement 3: The statement is incorrect. Agricultural education is mentioned in the State List of the Seventh Schedule.

Source: [The Hindu](#)

PRELIMS

Q.1) With reference to North Indian Rosewood (Shisham trees) consider the following statements:

1. It is native to the foothills of the Himalayas.
2. It is listed as Endangered in the IUCN Red Data Book.

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

Explanation – North Indian Rosewood trees are native to the foothills of the Himalayas ranging from Afghanistan in the west to Bihar, India, in the east. It also occurs naturally in Iran. It can withstand droughts of three to four months. **Statement 2 is incorrect.** It is listed as Least Concern in the IUCN Red Data Book.

Source: [The Times of India](#)

Q.2) Hodi craft is associated with –

- a) Nicobar Islands
- b) Andhra Pradesh
- c) Karnataka
- d) Uttar Pradesh

Answer: A

Explanation – Hodi craft is the traditional craft of the Nicobari tribes in the Nicobar Island. It is built using locally available trees or from nearby islands and its design varies from island to island. Hodi races are held between islands and villages.

Source: [The Hindu](#)

Q.3) With reference to Koronivia Joint Work on Agriculture (KJWA) consider the following statements:

1. It aims to promote the adaption of hybrid seeds in agricultural practices.
2. It is a process to advance discussions on agriculture in the UNFCCC.

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: The statement is incorrect KJWA aims at recognizing the unique potential of agriculture in tackling climate change.

Statement 2: It was established at the 23rd Conference of the Parties (COP) in Fiji in 2017 as a new process to advance discussions on agriculture in the United Nations Framework Convention on Climate Change (UNFCCC).

Source: [Hindustan Times](#)

10 PM Compilation for the Month of November, 2022

Q.4) With reference to GO Home and Re-Unite (GHAR) portal consider the following statements:

1. It has been launched by National Commission for Protection of Child Rights.
2. The portal helps in reuniting Myanmar refugees back to their homes.

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

Statement 1: GHAR portal has been launched by National Commission for Protection of Child Rights.

Statement 2: The statement is incorrect. GHAR portal aims at - digital tracking and monitoring of children who are in the Juvenile Justice system and have to be repatriated to another Country/State/District, Digital transfer of cases of children to the concerned JJB/CWC of the State. It will help in speedy repatriation of children.

Source: [PIB](#)

Q.5) With reference to Leatherback Sea Turtle consider the following statements:

1. It is the largest species of Turtle.
2. Andaman and Nicobar Islands is their only nesting place in the Indian territory.
3. They are listed as Vulnerable in the IUCN Red Data Book.

Which of the statements given above is/are correct?

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

Answer: D

Explanation –

Statement 1: It is the largest of all living turtles and the heaviest non-crocodilian reptile.

Statement 2: In the Indian Ocean, their nesting sites are only in Indonesia, Sri Lanka, and the Andaman and Nicobar Islands. They are found in all oceans except the Arctic and the Antarctic.

Statement 3: They are listed as Vulnerable in the IUCN Red Data Book and lies in Schedule I of WPA, 1972.

Source: [The Indian Express](#)

10 PM Compilation for the Month of November, 2022

Q.6) Consider the following statements:

1. Silent Valley National Park is located in Great Nicobar Island.
2. Ten Degree Channel separated Andaman and Nicobar Island.
3. Shopmen tribes are indigenous to Great Nicobar Island.

Which of the statements given above is/are correct?

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

Answer: C

Explanation –

Statement 1: The statement is incorrect. There are two national parks and one biosphere reserves located in Great Nicobar Island. Campbell Bay National Park and Galathea National Park are two national parks present in Great Nicobar Biosphere Reserve.

Statement 2: Ten Degree Channel separated Andaman and Nicobar Island.

Statement 3: Shopmen tribes are PVTGs indigenous to Great Nicobar Island.

Source: [The Indian Express](#)

Q.7) With reference to Pradhan Mantri Matsya Sampada Yojna (PMMSY) consider the following statements:

1. It aims to bring about a blue revolution through sustainable and responsible development of the fisheries sector in India.
2. The scheme has been launched by Ministry of Fisheries, Animal Husbandry and Dairying.
3. It aims to adopt cluster-based approaches and create fisheries clusters through backward and forward linkages.

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: PMMSY aims to bring about a blue revolution through sustainable and responsible development of the fisheries sector in India.

Statement 2: It has been launched by Ministry of Fisheries, Animal Husbandry and Dairying.

Statement 3: PMMSY aims to adopt cluster-based approaches and create fisheries clusters through backward and forward linkages.

Source: [AIR](#)

Q.8) With reference to Fisheries sector in India consider the following statements:

1. The share of fisheries sector in the total GDP has been declining in recent years.
2. West Bengal has the highest share in production of fisheries in India.
3. India is the fourth largest exporter of fish in the world.

which of the statements given above is/are correct?

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

Answer: C

Explanation –

Statement 1: The statement is incorrect. The share of fisheries sector in the total GDP has been improving. As per the Economic Survey 2021-22, the fisheries sector has demonstrated double-digit average annual growth of 10.87% since 2014-15 with record fish production of 145 lakh tons during 2020-21.

Statement 2: The statement is incorrect. Andhra Pradesh is top fish producing state in India followed by West Bengal.

Statement 3: India is the fourth largest exporter of fish in the world.

Source: [AIR](#)

Q.9) Consider the following statements:

1. Reduction in mortality rate leads to a decline in population whereas a decline in fertility rate increases population growth.
2. India has reached replacement-level fertility rate.

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: The statement is incorrect. Reduction in mortality rate leads to an increase in population whereas a decline in fertility rate decreases population growth.

Statement 2: India has reached replacement-level fertility rate.

Source: [The Indian Express](#)

10 PM Compilation for the Month of November, 2022

Q.10) Consider the following statements:

1. There is no specific law in India that deals with health emergency like pandemic.
2. Right to health and medical care are included under the ambit of Article 21 of the Indian Constitution.
3. The pandemic saw the dissolution of separation of power in India.

Which of the statements given above is/are correct?

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

Answer: D

Explanation –

Statement 1: There is no specific law in India that deals with health emergency like pandemic.

Statement 2: The Supreme Court of India has declared that the right to life guaranteed under Article 21 includes right to health and medical care.

Statement 3: The pandemic saw the dissolution of separation of power in Indian as states and center fought over oxygen and Delhi High Court took matters in its own hand to supply the oxygen.

Source: [Live Law](#)

PRELIMS

Q.1) With reference to Climate Change Performance Index (CCPI) 2022, consider the following statements:

1. India has performed better than all other G-20 countries in the index.
2. CCPI is an instrument to enable transparency in national and international climate politics.
3. The index is released annually by United Nations Environment Programme (UNEP).

Which of the statements given above is/are correct?

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

Answer: C

Explanation –

Statement 1: India has been ranked amongst top 5 countries in the world, and the best among the G20 countries in the CCPI-2022.

Statement 2: CCPI is an instrument to enable transparency in national and international climate politics.

Statement 3: The statement is incorrect. CCPI is released by German Watch.

Source: [PIB](#)

Q.2) Consider the following statements:

1. Cement industries are the largest consumer of groundwater resources in India.
2. India is the largest extractor of ground water resources in the world.

Select the correct statements using the codes given below:

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

Answer: B

Explanation –

Statement 1: The statement is incorrect. Agriculture the largest consumer of groundwater resources in India. Groundwater is mostly used for irrigation purposes. About 87 per cent of the total annual groundwater extraction is for irrigation use.

Statement 2: India is the largest extractor of ground water resources in the world.

Source: [Business Standard](#)

Q.3) Which of the following bacteria is the cause of highest deaths in India?

3. E.coli
4. S.pneumoniae
5. K.pneumoniae
6. S.aureus

Answer: A

Explanation – According to the report published in Lancet, E.coli bacteria is responsible for most of the deaths in India. More than 75% of the 77 lakh bacterial deaths occurred because of three syndromes: lower respiratory infections (LRI), bloodstream infections (BSI), and peritoneal and Intra-abdominal infections (IAI).

Source: [The Times of India](#)

Q.4) With reference to Election Commissioner consider the following statements:

1. The tenure of the Chief Election Commissioner (CEC) has not been defined by the Constitution of India.
2. The Constitution has not prescribed the qualifications of the members of the Election Commission.

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: The statement is incorrect. EC and CEC have a six-year term or until they reach the age of 65, whichever is earlier.

Statement 2: The Constitution has not prescribed the qualifications of the members of the Election Commission.

Source: [The Hindu](#)

Q.5) With reference to Biodiversity Heritage Sites in India consider the following statements:

1. These are unique and sensitive ecosystems having rich biodiversity.
2. These can be present in terrestrial as well as in coastal ecosystem.
3. Biological Diversity Act, 2002 empowers only the central government to notify Biodiversity Heritage Sites in India.

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: Biodiversity Heritage Sites are unique and sensitive ecosystems having rich biodiversity.

Statement 2: Biodiversity Heritage Sites can be terrestrial, coastal and inland waters or marine ecosystems.

Statement 3: the statement is incorrect. As per Biological Diversity Act, 2002, State Governments can notify in the official gazette, in consultation with 'local bodies', areas of biodiversity importance as BHS.

Source: [The Hindu](#)

Q.6) Consider the following pairs:

Biodiversity Heritage Sites: Location

1. Arittapatti : Tamil Nadu
2. Amarkantak : Madhya Pradesh
3. Mandasaru : Odisha
4. Naro Hills : Maharashtra

Which of the above pairs are correctly matched?

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

Answer: C

Explanation- 1, 2 and 3 are correctly matched. Naro Hills is Biodiversity Heritage site of Madhya Pradesh.

Source: [The Hindu](#)

Q.7) With reference to increasing air pollution in the national capital of India consider the following statements:

1. The reason behind rising air pollution in winter is that the emissions and dust get trapped in the thermosphere of the Earth.
2. Graded Response Action Plan has been adopted by the government which may ban entry of diesel-fuelled trucks in the national capital.

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: The statement is incorrect. The reason behind rising air pollution in winter is that the emissions and dust get trapped in the lower layer earth which closer and troposphere is the closest layer.

Statement 2: Graded Response Action Plan has been adopted by the government which may ban on entry of diesel-fuelled trucks in the national capital.

Source: [ORF](#)

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Q.8) With reference to Non-Aligned Movement (NAM) consider the following statements:

1. It is the largest grouping of states after the UN.
2. India is one of its founding members.
3. It does not have any permanent secretariat.

Which of the statements given above is/are correct?

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

Answer: D

Explanation – NAM is the largest grouping of states after the UN. India is one of its founding members. It does not have any permanent secretariat.

Source: [The Hindu](#)

Q.9) Consider the following statements regarding Inland waterways in India:

1. Carbon emission from inland waterways is more than the emission from roadways.
2. Inland waterways are a cheaper mode of transporting goods than other means of transport.

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: The statement is incorrect. Carbon emission from inland waterways is less than the emission from roadways.

Statement 2: Inland waterways are a cheaper mode of transporting goods than other means of transport. A World Bank study has found that water transportation is about 30 per cent cheaper than railways and 60 percent less expensive than roadways.

Source: [Business Standard](#)

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Q.10) With reference to Antimicrobial Resistance (AMR) consider the following statements:

1. It occurs when bacteria and viruses change over time and no longer respond to medicines.
2. The aim of Antimicrobial Resistance (AMR) Multi-stakeholder Partnership Platform (MSPP) is to build global momentum and high-level advocacy to combat AMR.

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 –

Statement 1: AMR occurs when bacteria, viruses, fungi and parasites change over time and no longer respond to medicines. This makes infections harder to treat and increases the risk of disease spread, severe illness and death.

Statement 2: AMR MSPP platform is expected to drive multidisciplinary action at global, regional and national levels. It will also build global momentum and high-level advocacy to combat AMR, besides generating global commitment to use antimicrobials in a responsible and prudent way to ensure antimicrobials keep their efficacy.

Source: [DTE](#)

PRELIMS

Q.1) Consider the following statements regarding Central Information Commission:

1. Chief Information Commissions are eligible for reappointment.
2. Chief Information Commissioner is involved in the selection of Information Commissioners.

Select the correct answer using the code given below

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

Answer: D

Statement 1 is incorrect. The commissioners are appointed by the President on the recommendation of a committee consisting of the Prime Minister as Chairperson, the Leader of Opposition in the Lok Sabha, and a Union Cabinet Minister nominated by the Prime Minister.

Statement 2 is incorrect. The Chief Information Commissioner and an Information Commissioner shall hold office for such term as prescribed by the Central Government or until they attain the age of 65 years, whichever is earlier. They are not eligible for reappointment.

[Link](#)

Q.2) Consider the following statements about Inter-State Council

- 1) It came into existence through a Presidential Order
- 2) It is only empowered to discuss and investigate the matters involving 2 or more states, not the center and the states.

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 Inter-State Council was established under Article 263 of the Constitution, which states that the President may constitute such a body if a need is felt for it. In 1988, the Sarkaria Commission suggested the Council should exist as a permanent body, and in 1990 it came into existence through a Presidential Order.

Statement 2 is incorrect. The main functions of the Council are inquiring into and advising on disputes between states, investigating and discussing subjects in which two states or states and the Union have a common interest, and making recommendations for the better coordination of policy and action.

[Link](#)

Q.3) To which of the following initiative/framework, both India and Australia are member?

- 1) Supply Chain Resilience Initiative (SCRI)
- 2) Indo-Pacific Economic Framework (IPEF)
- 3) Australia Group

Select the answer using the code given below

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All of the above

Answer: D

India and Australia both are Commonwealth countries, and parliamentary democracies with similar legal systems. Besides, India and Australia also are members of the Quad, a trilateral Supply Chain Resilience Initiative (SCRI) and the Indo-Pacific Economic Framework (IPEF). Australia Group, informal association of 42 nations formed in 1985 that works to prevent the exportation of chemical and biological weapons and the materials used to produce them. India became its member in 2018.

[Link](#)

Q.4) Which of the following statements is/are correct regarding G20?

- 1) It represent over 80% of the world's GDP
- 2) It's member countries carry 75% of international trade.

Select the answer using the code given below

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

Answer: C

Both statement 1 and 2 are correct. This opportunity must not be frittered away. Together, the G20 members represent over 80% of the world's GDP, 75% of international trade and 60% of the population. There are a few wins possible for India.

[Link](#)

Q.5) Hrusikesh Panda taskforce, is sometimes seen in news, is related to which of the following?

- a) To demarcate boundaries in Meghalaya-Assam border.
- b) To reform the procedure of adding communities to the ST list.
- c) To create a framework for monitoring online consumer reviews.
- d) To propose regulations for genetically modified foods.

Answer: B

The Government of India constituted a Task Force on Scheduling of Tribes in 2014 headed by the then Tribal Affairs Secretary, Hrusikesh Panda. The task said that:

Firstly, the present procedure “defeats the Constitutional agenda for affirmative action and inclusion” and is “cumbersome” and “time-consuming”.

Secondly, the current procedure is preventing at least 40 communities from being listed as ST. For instance, several tribes pronounced or spelt their community's name in different ways; some communities were split when new States were created leaving them as ST in one State and not

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in the other, and some tribes people were forcibly taken as indentured labour to other States where they were left out of the ST list.

Source: [Move to change 'cumbersome' procedure for inclusion on ST list is put on hold](#)

Q.6) With reference to Election Commissioner, consider the following statements;

1. The Election Commissioners do not enjoy the security of tenure and constitutional status of the Chief Election Commissioner (CEC).
2. The procedure for the appointment of Election Commissioners (ECs) is mentioned in the Constitution.

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 Election Commissioners do not enjoy the security of tenure and constitutional status of the Chief Election Commissioner. The ECs can be removed on the CEC's recommendation.

Statement 2 is incorrect: The number of commissioners the Election Commission can have is not specified. Similarly, none of the statutes lay down the procedure for the appointment of Election Commissioners (ECs).

Source: [Indian Express](#)

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

1. Sea cucumbers can breed sexually or asexually.
2. All Sea cucumbers are benthic, meaning they live on the ocean floor.
3. Sea cucumbers are essential for the survival of the coral reefs.

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

Statement 1 and 3 are correct: Sea cucumbers are found in virtually all marine environments throughout the world, from shallow to deep-sea environments. They can breed sexually or asexually.

Sea Cucumbers are an integral part of the coral ecosystem as one of the main by-products of the sea cucumbers digestion of sand is calcium carbonate and this is essential for the survival of the coral reefs. They act like garbage collectors of the ocean world, and they recycle nutrients, thus playing an important role in keeping coral reefs in good condition.

Statement 2 is incorrect: Sea cucumbers are benthic, meaning they live on the ocean floor. However, their larvae are planktonic, meaning they float in the ocean with the currents.

Source: [DTE](#)

Q.8) With reference to the impacts of El Nino, consider the following statements;

1. The phenomena of upwelling, where nutrient-rich waters rise towards the surface, is reduced under El Niño.
2. El Niño causes heavy floods in Australia and create drier conditions in the Southern U.S.

Which of the statements given above is/are correct?

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

Answer: A

Statement 1 is correct: The phenomena of upwelling, where nutrient-rich waters rise towards the surface, is reduced under El Niño. This in turn reduces phytoplankton. Thus, fish that eat phytoplankton are affected, followed by other organisms higher up the food chain.

Statement 2 is incorrect: El Niño also causes dry, warm winters in the Northern U.S. and Canada and increases the risk of flooding in the U.S. gulf coast and south-eastern U.S. It also brings drought to Indonesia and Australia.

Note: La Nina causes heavy floods in Australia, create drier conditions in the Southern U.S. and heavy rainfall in Canada.

Source: [Are El Niño-La Niña weather patterns changing?](#)

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

1. He is known for his leadership in the 1671 Battle of Saraighat that thwarted an attempt by Mughal forces to capture Assam.
2. The Lachit Borphukan gold medal is awarded to the best cadet from the National Defence Academy.

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: He is known for his leadership in the 1671 Battle of Saraighat that thwarted an attempt by Mughal forces to capture Assam.

Statement 2 is correct: The Lachit Borphukan gold medal is awarded to the best cadet from the National Defence Academy.

Source: [General Lachit Borphukan of Ahom Kingdom](#)

Q.10) Which of the following statement is not correct about Guru Tegh Bahadur?

- a) He resisted the forced conversions of Kashmiri Pandits and non-Muslims to Islam.
- b) The name Tegh Bahadur was given to him by Guru Gobind Singh.
- c) He built the city of Anandpur Sahib in Punjab.
- d) He was publicly beheaded on the orders of Mughal emperor Aurangzeb in Delhi for refusing to convert to Islam.

Answer: B

He was born as Tyaga Mal. He came to be known by the name Teg Bahadur (Mighty of The Sword), given to him by Guru Hargobind after he shown his valour in a battle against the Mughals.

Source: [Indian Express](#)

PRELIMS

Q.1) Naseem Al Bahr, a bilateral Naval exercise has been conducted recently. Which of the following countries are involved in this exercise?

- a) India and Oman
- b) India and Indonesia
- c) India and UAE
- d) Israel and Iraq

Answer: A

Explanation – Naseem Al Bahr is bilateral Naval exercise between India Navy and Oman Navy. The exercise was conducted from 19 to 24 Nov 22 off the coast of Oman and had three phases: harbour phase, sea phase and debrief.

Source: [PIB](#)

Q.2) With reference to Leith's Softshell Turtle consider the following statements:

- 1. They are endemic to peninsular India.
- 2. The species is listed on Schedule IV of the Wild Life (Protection) Act, 1972.

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: Leith's Softshell Turtle is a large fresh water soft-shelled turtle which is endemic to peninsular India and it inhabits rivers and reservoirs.

Statement 2: The species is listed on Schedule IV of the Wild Life (Protection) Act, 1972 and it is classified as 'Critically Endangered' by the IUCN.

Source: [PIB](#)

Q.3) MAARG portal has been recently launched by the Ministry of Commerce and Industry. It is related to –

- a) Providing incentives to the manufacturing sector
- b) To boost startup ecosystem in India.
- c) To regulate illegal practices of IT sectors
- d) Helping in setting up Exclusive Economic Zones

Answer: B

Explanation – MAARG portal - Mentorship, Advisory, Assistance, Resilience and Growth, is a one stop platform to facilitate mentorship for startups across diverse sectors, functions, stages, geographies, and backgrounds.

Source: [PIB](#)

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Q.4) With reference to the Arctic Council consider the following statements:

1. The Chairmanship of the Arctic Council rotates every two years among the Arctic States.
2. India is one of its founding members.
3. The member countries are provided military security from other countries.

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: B

Explanation –

Statement 1: The Chairmanship of the Arctic Council rotates every two years among the Arctic States.

Statement 2: The statement is incorrect. The Ottawa Declaration established the Arctic Council. As per the declaration, the following eight countries are the Members of the Council: Canada, Denmark, Finland, Iceland, Norway, Russia, Sweden, United States. India has observer status.

Statement 3: The statement is incorrect. The Ottawa Declaration states that there no military security is to be provided.

Source: [The Hindu](#)

Q.5) Front of Packet Labelling (FOPL) was seen in the news recently. It is associated with

–

- a) Spreading awareness regarding malware threats.
- b) Improving the procedure of Right to Information applications.
- c) Informing citizens regarding unhealthy ingredients included in the processed food.
- d) Regulating OTT platforms.

Answer: C

Explanation – Front of Packet Labelling (FOPL) is to inform consumers which products contain excessive amounts of sugars, total fats, saturated fats, trans fats, and sodium.

Source: [The Times of India](#)

Q.6) With reference to Tenzing Norgay National Adventure Award consider the following statements:

1. It is the highest adventure sports honour of the Republic of India.
2. It is given by the Ministry of Culture annually.

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 – Tenzing Norgay National Adventure Award is the highest adventure sports honour of the Republic of India. **Statement 2 is incorrect.** The award is annually given by the Ministry of Youth Affairs and Sports. It is given in four categories: Land Adventure, Water Adventure, Air Adventure, and Life Time Achievement.

Source: [PIB](#)

Q.7) Consider the following statements:

1. The retirement age of judge of a High Court is less than the retirement age of the judge of the Supreme Court.
2. India has the largest number of pending court cases in the world.
3. The procedure for the impeachment of a judge of a High court is different than the impeachment procedure of a Judge of the Supreme Court.

Select the correct statement suing the codes given below:

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

Answer: A

Explanation –

Statement 1: The retirement age of judge of a High Court is less than the retirement age of the judge of the Supreme Court.

Statement 2: India has the largest number of pending court cases in the world.

Statement 3: The statement is incorrect. The procedure for the impeachment of a judge of a High court is same as the impeachment procedure of the Judge of the Supreme Court.

Source: [The Times of India](#)

Q.8) World Governance Indicator (WGI) is released by –

- a) World Trade Organisation
- b) World Bank
- c) United Nations
- d) International Monetary Fund

Answer: B

Explanation – WGI is released by World Bank. It plays a key role in deciding sovereign credit rating of any country.

Source: [Hindustan Times](#)

Q.9) Which of the following ministry announces National Gopal Ratna Award?

- a) Ministry of Fisheries, Animal Husbandry and Dairying
- b) Ministry of Defence
- c) Ministry of Science and Technology
- d) Ministry of Youth Affairs and Sports

Answer: A

Explanation – National Gopal Ratna Award is announced by the Ministry of Fisheries, Animal Husbandry and Dairying. It is one of the highest National Awards in the field of livestock and dairy sector.

Source: [PIB](#)

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Q.10) With reference to Mission Amrit Sarovar consider the following statements:

1. It is aimed at constructing 75 Sarovars in each district of the country.
2. The mission will play an important role in increasing the availability of water, both on surface and under-ground.
3. It will help in strengthen rural economy.

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 – Mission Amrit Sarovar is aimed at constructing 75 Sarovars (ponds) in each district of the country. It will play an important role in increasing the availability of water, both on surface and under-ground. The rural economy will also be strengthened by the construction of multi-purpose Amrit Sarovars. It will enable fish farming, cultivation of Fox Nut in the lake and allow higher production of food grains due to an adequate irrigation system.

Source: [PIB](#)

PRELIMS

Q.1) Consider the following statements:

1. The Bureau of Indian Standards (BIS) is the National Standards Body of India under the Ministry of Consumer Affairs, Food & Public Distribution.
2. International Electrotechnical Commission (IEC) is an international standard setting body that publishes international Standards for all electrical, electronic and related technologies.

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 –

Statement 1: The Bureau of Indian Standards (BIS) is the National Standards Body of India under the Ministry of Consumer Affairs, Food & Public Distribution. It is responsible for the harmonious development of the activities of standardization, marking and quality certification of goods and for matters connected with it.

Statement 2: International Electrotechnical Commission (IEC) is an international standard setting body that publishes international Standards for all electrical, electronic and related technologies.

Source: [PIB](#)

Q.2) Changthang Wildlife Sanctuary is located in –

- a) Ladakh
- b) Uttar Pradesh
- c) Karnataka
- d) Himachal Pradesh

Answer: A

Explanation – Changthang Wildlife Sanctuary is located in Ladakh is a high-altitude wildlife sanctuary. The proposed Dark Sky Reserve in Ladakh is a part of Changthang Wildlife Sanctuary.

Source: [PIB](#)

Q.3) ‘Ambition on Melting Ice on Sea-level Rise and Mountain Water Resources’ group was seen in the news recently. This group is associated with –

- a) Establish scientific mechanism to deal with rising sea levels
- b) Controlling ice and sea water in the water cycle.
- c) Increasing plastic wastes in the sea.
- d) Cryosphere loss

Answer: D

Explanation – ‘Ambition on Melting Ice on Sea-level Rise and Mountain Water Resources’ group comprises 18 countries that brings special attention to the role of cryosphere loss in global sea-level rise. The declaration of the group focusses on the role of cryosphere loss in particular in causing the crisis that threatens coastal communities, island nations and low-lying regions.

Source: [DTE](#)

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Q.4) With reference Sangeet Natak Akademi consider the following statements:

1. It is an organisation dedicated to the promotion of literature in the languages of India.
2. It collaborates with international organization to save the cultural heritage of India.
3. It was inaugurated by the first President of India.

Which of the statements given above is/are correct?

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

Answer: C

Explanation –

Statement 1: The statement is incorrect. It is the apex body of the performing arts in the country to preserve and promote the vast cultural heritage of India expressed in music, dance and drama. It also works with governments and art academies in states and territories of the country.

Statement 2: It collaborates with international organization to save the cultural heritage of India.

Statement 3: It was inaugurated by the first President of India, Dr. Rajendra Prasad in the year 1953.

Source: [The Hindu](#)

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

1. Millets were consumed by the people of Indus Valley civilization.
2. They require more water for growth than rice and wheat.
3. Millet is grown mainly in low-income and developing countries in Asia and Africa.

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: Millets were consumed by the people of Indus Valley civilization. Millets are among the first crops to be domesticated.

Statement 2: The statement is incorrect. Millets require less water than rice and wheat for growth.

Statement 3: Millet is grown mainly in low-income and developing countries in Asia and Africa.

Source: [The Indian Express](#)

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Q.6) Consider the following statements:

1. The Geneva Convention on Refugees applies only to political applicants and climate refugees are not included in it.
2. South Asia is more prone to climate refugees than other parts of the world.

Select the correct statements using the codes given below:

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

Answer: C

Explanation – Statement 1: The Geneva Convention on Refugees applies only to political applicants and climate refugees are not included in it. Statement 2: South Asia is more prone to climate refugees than other parts of the world.

Source: [The Times of India](#)

Q.7) With reference to Fundamental Duties consider the following statements:

1. They were added on the recommendation of Swaran Singh Committee.
2. They are not enforceable by a writ of the court but are enforceable by law.
3. They have been adopted from the Canadian Constitution.

Which of the statements given above is/are correct?

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

Answer: D

Explanation –

Statement 1: Fundamental Duties were added on the recommendation of Swaran Singh Committee by the 42nd Amendment in 1976.

Statement 2: SC in 'AIIMS STUDENT UNION V. AIIMS' held that fundamental duties though not enforceable by a writ of the court yet provide a valuable guide and aid to interpretation of constitutional and legal issues. They are enforceable by law. Hence, the Parliament can provide for the imposition of appropriate penalty or punishment for failure to fulfill any of them.

Statement 3: The statement is incorrect. Fundamental Duties have been adopted from the USSR Constitution.

Source: [The Hindu](#)

Q.8) Consider the following statements:

1. A bank can reduce the level of non-performing assets by writing off loans.
2. Writing off loan is an action taken by lender whereas loan waive off can only be done by the government.
3. The writing off loans of private sector bank is higher than the public sector banks in India.

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: A

Explanation –

Statement 1: A bank can reduce the level of non-performing assets by writing off loans.

Statement 2: Writing off loan is an action taken by lender (Banks) whereas loan waive off can only be done by the government (like waving farmers loan due to crop failure or other reasons).

Statement 3: The statement is incorrect. The writing off loans of public sector bank is higher than the private sector banks in India. Private banks wrote off loans worth Rs 2.7 lakh crore in the last five years which is 27.28% of the total write-off of the last five years. On the other hand, Public sector banks reported write-offs at Rs 734,738 crore accounting for 72.78% of the total write-off.

Source: [ForumIAS](#)

Q.9) With reference to Black Corals consider the following statements:

1. They are known as deep-sea corals.
2. They do not require light for their growth.
3. Black corals do not have symbiotic algae associated with them.

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 – Black Corals are known as deep-sea corals are found in all oceans but are most common in deep water habitats of tropical and subtropical seas. They are located in deep oceans so they do not require light for their growth. Unlike reef-building corals in the shallower waters above, black corals lack symbiotic algae (zooxanthellae) in their tissues. Black corals are rarely black, but rather vary in color from white to red, green, yellow, or brown.

Source: [The Hindu](#)

Q.10) The term “Greenwashing” was seen in the news recently. It means –

- a) Excess rain causing damages to crops.
- b) Production of environment friendly fertilizers.
- c) Producing power from the clean energy
- d) Showing a false image of the products being environment friendly.

Answer: D

Explanation – Greenwashing, also called "green sheen", is a form of advertising or marketing spin in which green PR and green marketing are deceptively used to persuade the public that an organization's products, aims and policies are environmentally friendly.

Source: [The Indian Express](#)

PRELIMS

Q.1) Bluebugging refers to –

- a) It is a type of cyber-attack done on the Bluetooth enabled devices.
- b) It is a type of soil degrading bacteria.
- c) An asteroid capable of hitting the Earth
- d) A scientific phenomenon that occurs in the sea during the solar eclipse.

Answer: A

Explanation – Bluebugging is a form of hacking that lets attackers access a device through its discoverable Bluetooth connection.

Source: [The Hindu](#)

Q.2) With reference to Himalayan Yak consider the following statements:

1. Their population have been declining in recent years.
2. Yak milk has less protein than cow's milk.
3. They can be domesticated.

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: According to a census carried out in 2019, India has some 58,000 yaks – a drop of about 25% from the last livestock census conducted in 2012. The drastic drop in the yak's number has become a major cause of concern for animal genetic diversity conservationists.

Statement 2: The statement is incorrect. Yak's milk is richer in protein, casein, and fat than cow's milk.

Statement 3: Himalayan Yaks can be domesticated.

Source: [The Hindu](#)

Q.3) With reference to Juvenile Justice (Care and Protection of Children) Act, 2015 consider the following statements:

1. The Act seeks to hold the child accused of crime accountable not through punishments but through counselling.
2. It provides for minors in the age group 16 – 18 years to be treated as adults in the case of heinous crimes.
3. The Act distinguishes between children in conflict with the law and children in need of care and protection.

Which of the statements given above are correct?

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

Answer: D

Explanation –

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Juvenile Justice (Care and Protection of Children) Act, 2015 seeks to hold the child accused of crime accountable not through punishments but through counselling. It provides for minors in the age group 16 – 18 years to be treated as adults in the case of heinous crimes. The Act distinguishes between children in conflict with the law and children in need of care and protection.

Source: [The Indian Express](#)

Q.4) Consider the following statements:

1. Uttar Pradesh has the highest percentage of tenant farmers.
2. Reverse tenancy in agriculture is increasing in India.

Select the correct statements using the codes given below:

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

Answer: B

Explanation –

Statement 1 is incorrect. Andhra Pradesh (42.4 per cent) has the highest tenant farmers followed by Odisha (39 per cent). Kerala is the only State to completely prohibit leasing.

Statement 2: Agriculture in India is increasingly seeing both “tenancy” (landless/marginal farmers leasing in land to cultivate) and “reverse tenancy” (small landowners leasing out to better-off farmers keen to reap economies of scale).

Source: [The Indian Express](#)

Q.5) With reference to Smog consider the following statements:

1. Photochemical smog is produced when sunlight reacts with nitrogen oxides and at least one volatile organic compound (VOC) in the atmosphere.
2. Smog can kill plants.

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: Photochemical smog is produced when sunlight reacts with nitrogen oxides and at least one volatile organic compound (VOC) in the atmosphere.

Statement 2: Smog is unhealthy to humans and animals, and it can kill plants.

Source: [Indian Today](#)

Q.6) Consider the following statements:

1. Uttar Pradesh is the largest milk producing state in India.
2. The overall milk production in India has declined from the past two years.
3. India is the largest milk consumer in the world.

Which of the statements given above are correct?

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

Answer: B

Explanation –

Statement 1: Uttar Pradesh is the largest milk producing state in India.

Statement 2: The statement is incorrect. India's milk production has registered a monumental growth in the last eight years as it has increased by 83 Million Tonnes.

Statement 3: India is not only the largest milk producer but also the largest consumer of milk and milk products.

Source: [AIR](#)

Q.7) Consider the following statements:

1. India's logistics sector is mostly unorganized and fragmented.
2. The National Logistics Policy (NLP) aims to bring down logistics costs and address logistical challenges.

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 –

Statement 1: India's logistics sector is largely unorganized and fragmented, which is why the country's logistics costs as per external estimates are as high as 14-15% of GDP, against 7-8% in developed nations. Due to the fragmented logistics in the country, about 16% of India's agri-production is wasted at different stages of the supply chain.

Statement 2: The National Logistics Policy (NLP) launched aims to bring down logistics costs and address logistical challenges.

Source: [Live Mint](#)

Q.8) With reference to National Green Tribunal (NGT) consider the following statements:

1. It is a specialised judicial body equipped with expertise only for the purpose of adjudicating environmental cases in the country.
2. The Tribunal is not bound by the procedure laid down under the Code of Civil Procedure, 1908.
3. The members of the tribunal are eligible for re-appointment.

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: National Green Tribunal (NGT) is a specialised judicial body equipped with expertise only for the purpose of adjudicating environmental cases in the country.

Statement 2: The Tribunal shall not be bound by the procedure laid down under the Code of Civil Procedure, 1908, but shall be guided by principles of natural justice.

Statement 3: The statement is incorrect. The members of the tribunal are not eligible for re-appointment.

Source: [The Tribune](#)

Q.9) Which of the following country is involved in “AUSTRA HIND 22” bilateral military exercise?

- a) India and Germany
- b) India and Bangladesh
- c) India and Argentina
- d) India and Australia

Answer: D

Explanation – The bilateral training exercise “AUSTRA HIND 22” between contingents of the Indian Army and the Australian Army is scheduled to take place at Mahajan Field Firing Ranges (Rajasthan) from 28 November to 11 December 2022. This is the first exercise in the series of AUSTRA HIND with participation of all arms and services contingent from both armies.

Source: [PIB](#)

PRELIMS

Q.1) With reference to “Jeypore Ground Gecko” consider the following statements:

1. It is a reptile endemic to India.
2. It is included in Appendix II of the Convention on International Trade in Endangered Species (CITES).

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 – Jeypore Ground Gecko is a reptile endemic to India. The wild reptile species is found in the Eastern Ghats and is known to be present in four locations including southern Odisha and northern Andhra Pradesh. It is included in Appendix II of the Convention on International Trade in Endangered Species (CITES).

Source: [DTE](#)

Q.2) With reference to Indian Ocean Commission (IOC) consider the following statements:

1. It is an intergovernmental organization that links African Indian Ocean nations.
2. India is one of its founding members.
3. UN has observer status to IOC.

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: IOC is an intergovernmental organization that links African Indian Ocean nations.

Statement 2: The statement is incorrect. India got observer status in 2020.

Statement 3: UN has observer status to IOC.

Source: [The Hindu](#)

Q.3) Cosmic Dawn refers to –

- a) Formation of first stars and galaxies after some million years of the Big Bang.
- b) A time period in the Universe where asteroids collided with stars.
- c) The period of formation of rivers and oceans on Earth.
- d) The period of starting of the human race on the Earth.

Answer: A

Explanation – Cosmic Dawn refers to when stars formed for the first time after 250 million to 350 million years after the Big Bang.

Source: [PIB](#)

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Q.4) With reference to “Perennial Rice” consider the following statements:

1. They are capable of regrowing season after season without reseeded.
2. It requires less labour, seeds and chemical inputs compared to normal rice.
3. It causes harmful environmental impacts on soil.

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: Perennial Rice are capable of regrowing season after season without reseeded.

Statement 2: It requires less labour, seeds and chemical inputs compared to normal rice.

Statement 3: The statement is incorrect. Perennial Rice has environmental benefits such as soils accumulating organic carbon along with increases in water available to plants. It reduces soil erosion, rate of deforestation, they are drought resistance, resists weed invasion, etc.

Source: [Live Mint](#)

Q.5) Consider the following statements:

1. Rice is a rabi crop.
2. India is the world’s second largest rice producer after China.
3. India is the world’s largest exporter of the rice.

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. Rice is kharif crop.

Statement 2: India is the world’s second largest rice producer after China.

Statement 3: India is the world’s largest exporter of the rice.

Source: [Live Mint](#)

Q.6) Consider the following statements:

1. Domestic violence is a punishable offence under Indian law.
2. According to the National Family Health Survey-5, urban women are more prone to domestic violence by husband than rural women.

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: Domestic violence is a punishable offence under Indian law.

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Statement 2: The statement is incorrect. According to the National Family Health Survey-5, rural women are more prone to domestic violence by husband than urban women.

Source: [The Hindu](#)

Q.7) “Fujiwhara Effect” was seen in the news recently. It means –

- An interaction between tropical storms formed around the same time in the same ocean region with their centres or eyes at a distance of less than 1,400 km.
- The effect caused by the unorganized movement of celestial bodies.
- The effect caused due the increasing methane in the atmosphere.
- The overlapping of warm and cold ocean currents near the equator.

Answer: A

Explanation – Fujiwhara Effect is an interaction between tropical storms formed around the same time in the same ocean region with their centres or eyes at a distance of less than 1,400 km.

Source: [ForumIAS](#)

Q.8) Consider the following statements:

- The outer membrane is absent in gram-positive bacteria but mostly present in gram-negative bacteria.
- Gram-negative bacteria are prone to antibiotics but gram-positive bacteria are resistant to antibiotics.

Select the correct statements using the codes given below:

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

Answer: A

Explanation –

Statement 1: The outer membrane is absent in gram-positive bacteria but mostly present in gram-negative bacteria.

Statement 2: The statement is incorrect. Gram-positive bacteria are prone to antibiotics but gram-negative bacteria are resistant to antibiotics.

Source: [ForumIAS](#)

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Q.9) Consider the following statements:

1. Wet leasing an aircraft means that the organization who owns the aircraft will provide that aircraft as well as one or more crew members to the lessee.
2. Dry leasing refers to leasing of aircraft without crew members.

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 – Wet leasing means taking the plane along with operating crew and engineers, while dry leasing refers to taking only the aircraft on rent.

Source: [The Indian Express](#)

Q.10) Consider the following statements:

1. There has been an increase in the cultivation of exotic and novel fruits and vegetables in India.
2. The increase in the domestic production of novel fruits has led to drastic decrease in its exports.
3. The government promotes several novel fruits through Integrated Horticulture Development Mission.

Which of the statements given above is/are correct?

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

Answer: C

Explanation-

Statement 1: There has been an increase in the cultivation of exotic and novel fruits and vegetables in India.

Statement 2: The statement is incorrect. Despite domestic cultivation, 80-85% of the demand for these products is still met through import.

Statement 3: The government promotes several novel fruits through Integrated Horticulture Development Mission.

Source: [ForumIAS](#)

PRELIMS

Q.1) “Nai Chetana” campaign is associated with –

- a) Adopting green technologies in daily lives of the people.
- b) Bringing reforms in the urban governance.
- c) Spreading awareness amongst women of their rights.
- d) Creating an indigenous data storage server.

Answer: C

Explanation – Nai Chetana campaign aims at equipping women to recognise and prevent violence and making them aware of their rights.

Source: [The Hindu](#)

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

1. It is a ground station that transmits data from the satellite to the local area network.
2. It keeps the antennas and equipment that convert the Radio Frequency (RF) signal to an Internet Protocol (IP) signal for terrestrial connectivity.

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 – Satellite Gateway is a ground station that transmits data from the satellite to the local area network. It keeps the antennas and equipment that convert the Radio Frequency (RF) signal to an Internet Protocol (IP) signal for terrestrial connectivity.

Source: [PIB](#)

Q.3) With reference Measles consider the following statements:

1. It is a viral respiratory disease.
2. There is no vaccine available for measles.
3. The disease is limited to children and cannot affect older.

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: B

Explanation –

Measles is a highly contagious viral respiratory disease that can severely sicken young children.

Statement 2 and 3 are incorrect. Generally, it affects the children but it can affect the other age population as well. There are vaccines available for measles.

Source: [ForumIAS](#)

Q.4) Shiveluch Volcano is located in –

- a) Russia
- b) USA
- c) Indonesia
- d) Egypt

Answer: A

Explanation – The Shiveluch volcano in Russia's far eastern Kamchatka peninsula. It is one of the largest and most active volcanoes in Kamchatka Peninsula in Russia.

Source: [ForumIAS](#)

Q.5) With reference to Kamchatka Peninsula consider the following statements:

- 1. It is included in UNESCO's World Heritage List Site.
- 2. It is a part of Ring of Fire belt.
- 3. The Pacific Ocean is located on its western coastline.

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: Kamchatka Peninsula is a peninsula in the Russian Far East. It is included in UNESCO's World Heritage List Site

Statement 2: It is a part of Ring of Fire belt and is prone to eruptions and frequent earthquakes.

Statement 3: The statement is incorrect. The Pacific Ocean and the Sea of Okhotsk make up the peninsula's eastern and western coastlines respectively.

Source: [ForumIAS](#)

Q.6) With reference to "eGramSwaraj" consider the following statements:

- 1. It is a portal launched to strengthen e-Governance in Panchayati Raj Institutions (PRIs) throughout the country.
- 2. It is launched by the Ministry of Panchayati Raj.

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 – eGramSwaraj is a portal launched to strengthen e-Governance in Panchayati Raj Institutions (PRIs) throughout the country. It is launched by the Ministry of Panchayati Raj.

Source: [ForumIAS](#)

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Q.7) With reference to “AuditOnline application” consider the following statements:

1. It facilitates the financial audit of accounts at all three levels of Panchayats.
2. It has been launched under National Rural Livelihoods Mission.

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: AuditOnline application facilitates the financial audit of accounts at all three levels of Panchayats.

Statement 3: The statement is incorrect. AuditOnline application is developed under the e-panchayat Mission Mode Project (MMP) initiated by the Ministry of Panchayati Raj(MoPR).

Source: [ForumIAS](#)

Q.8) Consider the following statements:

1. India is not a signatory to the United Nations Refugee Convention of 1951.
2. Kuki-Chin refugees are the refugees coming to India from Sri Lanka.

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: India is not a signatory to the United Nations Refugee Convention of 1951.

Statement 2: The statement is incorrect. Kuki-Chin refugees are the refugees coming to Mizoram, India from Bangladesh.

Source: [The Hindu](#)

Q.9) Consider the following statements:

1. The Registration of Birth and Death is mandatory under the provisions of the Registration of Births and Deaths (RBD) Act,1969.
2. A birth/death can only be registered within 21 days.

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: The Registration of Birth and Death is mandatory under the provisions of the Registration of Births and Deaths (RBD) Act,1969.

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Statement: The statement is incorrect. A birth/death should be registered within 21 days. After 21 days, birth/death can be registered under the RBD Act with an order of a First-Class Magistrate issued after verifying the facts about the birth or death.

Source: [ForumIAS](#)

Q.10) Which of the following countries are involved in bilateral military exercise Harimau Shakti?

- a) India and Bangladesh
- b) India and Indonesia
- c) India and Malaysia
- d) India and Sri Lanka

Answer: A

Explanation – Exercise Harimau Shakti is a joint annual military training exercise between India and Malaysia. The exercise has been conducted since 2012.

Source: [ForumIAS](#)

PRELIMS

Q.1) With reference to India Cooling Action Plan (ICAP) consider the following statements:

1. Its goal is to provide sustainable cooling and thermal comfort for all while securing environmental and socio-economic benefits for the society.
2. It will enhance farmer's income and promote Make in India initiative.

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: The goal of ICAP is to provide sustainable cooling and thermal comfort for all while securing environmental and socio-economic benefits for the society.

Statement 2: ICAP aims at Doubling Farmers Income by bringing better cold chain infrastructure to provide better value of produce to farmers and promoting Make in India by domestic manufacturing of air-conditioning and related cooling equipment's.

Source: [The Hindu](#)

Q.2) With reference to Pradhan Mantri Awas Yojana (PMAY) consider the following statements:

1. It is a central sector scheme except its PMAY-Credit Linked Subsidy Scheme component.
2. Delhi is not included in Pradhan Mantri Awas Yojana Gramin (PMAY-G)
3. Aadhar Card is mandatory to take benefit of the scheme.

Which of the statements given above is/are correct?

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

Answer: C

Explanation -

Statement 1: The statement is incorrect. Pradhan Mantri Awas Yojana (PMAY) Mission is implemented as Centrally Sponsored Scheme (CSS) except for the component of credit linked subsidy which is implemented as a Central Sector Scheme by the Ministry of Housing and Urban Poverty Alleviation, Government of India.

Statement 2: PMAY-G is applied to all rural India except Delhi and Chandigarh.

Statement 3: Aadhar Card is mandatory to take benefit of the scheme.

Source: [The Hindu](#)

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Q.3) Consider the following statements:

1. The Maternal Mortality Ratio (MMR) is defined as the number of maternal deaths during a given time period per 1000 live births.
2. There has been a significant decline in Maternal Mortality Ratio (MMR) in India recently.

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 –

Statement 1: The statement is incorrect. The Maternal Mortality Ratio (MMR) is defined as the number of maternal deaths during a given time period per 100,000 live births.

Statement 2: *There has been a significant Decline in the Maternal Mortality Ratio from 130 in 2014-16 to 97 per lakh live births in 2018-20.*

Source: [PIB](#)

Q.4) LaQshya initiative is associated with –

- a) Achieving nutrition target in the younger children.
- b) Increasing Life Expectancy in India.
- c) Covering all rural areas under Jan Dhan Yojana.
- d) Preventing maternal and new born mortality.

Answer: D

Explanation – LaQshya initiative is aimed at preventing maternal and new born mortality and improving the quality of care in labour room and maternity operations theatre.

Source: [PIB](#)

Q.5) Which of the following publishes Global Nutrition Report?

- a) World Health Organization (WHO)
- b) United Nations Population Fund (UNFPA)
- c) United Nations Development Programme (UNDP)
- d) Food and Agriculture Organisation (FAO)

Answer: C

Explanation – Global Nutrition Report is published by World Health Organization (WHO). Global Nutrition Report 2021 finds that stunting among children in India is significantly higher than the Asian average of 21.8%.

Source: [The Hindu](#)

PRELIMS

Q.6) Which of the following is the benefit of fortification in rice?

- a) It increases rice growth
- b) It improves health benefits.
- c) It improves water retention capacity of the soil.
- d) It discourages weed and pest growth.

Answer: B

Explanation – Fortification in food/rice has health benefits. Fortification refers to “deliberately increasing the content of essential micronutrients in a food so as to improve the nutritional quality of food and to provide public health benefit with minimal risk to health”.

Source: [The Hindu](#)

Q.7) Which of the following Committee/Commission is associated with electoral reforms in India?

- a) Chelliah Committee
- b) Mandal Commission
- c) Dinesh Goswami Committee
- d) Sarkaria Commission

Answer: C

Explanation – Dinesh Goswami committee is associated with Electoral reforms in India.

Source: [The Hindu](#)

Q.8) With reference to the Protection of Children from Sexual Offences (POCSO) Act consider the following statements:

- 1. The act obligates media to hide the name of victim until permitted by the special court.
- 2. The act makes differences between a female and male child victim and provide separate provision for the both.

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: POSCO Act lays out the protocol for the media and imposes the obligation to conceal the name of the child victim, until the Special Court gives its permission for the information to be made public.

Statement 2: The statement is incorrect. The Act doesn't make a difference based on the gender of the victim or the assaulter. Any person under the age of 18 is considered a child and it has gender neutral provisions.

Source: [ForumIAS](#)

Q.9) With reference to World Meteorological Organization (WMO) consider the following statements:

1. It is responsible for exploring oil and gas in the Arctic Ocean.
2. The State of the Global Climate Report is published by WMO.

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: The statement is incorrect. It is a specialized UN agency for meteorology, operational hydrology and geographical sciences.

Statement 2: The State of the Global Climate Report is published by WMO.

Source: [Live Mint](#)

Q.10) Consider the following statements:

1. The area under Millet cultivation reduced after the Green Revolution.
2. Millets are often grown as catch crops.
3. Millets require a large amount of water for their growth.

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: The area under Millet cultivation reduced from 37 million hectares in pre-Green Revolution period to ~14 million hectares. Millets have become a predominantly fodder crop from staple diet earlier.

Statement 2: Millets are often grown as catch crops, i.e., a crop grown in the space between two main crops or at a time when no main crops are being grown).

Statement 3: The statement is incorrect. Millets have low water requirement and are drought resistant. They have short growing season and require less water during growth. Millets can grow in regions with <50 cm annual rainfall. They can be grown in dry land areas using farmyard manures, thus reducing the dependence on synthetic fertilisers.

Source: [ForumIAS](#)

PRELIMS

Q.1) With reference to intranasal vaccine consider the following statements:

1. Intranasal Covid-19 vaccines prevents the virus to spread into lungs and other parts of the body by stopping the virus at the entry.
2. An intranasal vaccine will help in reducing the use of medical consumables such as needles and syringes.
3. The Central Drugs Standard Control Organisation (CDSCO) has approved the usage of intranasal vaccine in India for the children below the age of five.

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. Intranasal Covid-19 vaccines prevents the virus to spread into lungs and other parts of the body by stopping the virus at the entry. An intranasal vaccine will help in reducing the use of medical consumables such as needles and syringes. Therefore, it reduces the overall cost of the vaccine.

Statement 3 is incorrect. The vaccine received approval from the Central Drugs Standard Control Organisation (CDSCO) under Restricted Use in Emergency Situations for ages 18 and above in India.

Source: [PIB](#)

Q.2) With reference to ‘Digi Yatra’ consider the following statements:

1. It aims to achieve seamless and contactless processing of passengers at airports.
2. A person who needs to avail the facility of Digi Yatra needs to be a frequent flyer and registered with the Ministry of Civil Aviation.
3. It will help in automatically processing of passenger’s data at various checkpoints at the airport.

Select the correct statements 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. Digi Yatra is based on the Facial Recognition Technology (FRT) and it aims to achieve seamless and contactless processing of passengers at airports. It will help in automatically processing of passenger’s data at various checkpoints at the airport.

Statement 2 is incorrect. A person who needs to avail the facility of Digi Yatra needs to create a Digi Yatra ID by downloading the Digi Yatra app. That ID has to be shared while booking tickets.

Source: [PIB](#)

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

1. It is an electronic version of cash which will be available to all the private sector, nonfinancial consumers and businesses.
2. It will be issued in a different denomination than the fiat currency.
3. Retail Digital Rupee can be used in consumer-to-consumer (C2C) transactions as well as consumer-to-business (C2B) transactions.

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

Statement 1 and 3 are correct. Digital Rupee is an electronic version of cash which will be available to all the private sector, nonfinancial consumers and businesses. Retail Digital Rupee will be useful in consumer-to-consumer (C2C) transactions as well as consumer-to-business (C2B) transactions.

Statement 2 is incorrect. Digital Rupee will be in the same denomination like the fiat currency.

Source: [The Indian Express](#)

Q.4) With reference to 'zombie virus' seen the news recently consider the following statements:

1. It refers to a virus that is frozen in ice and is dormant.
2. These viruses are considered to be dead and they do not possess any threat to human.

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

Statement 1 is correct. Zombie virus refers to viruses that is frozen in ice and is dormant.

Statement 2 is incorrect. These viruses are not dead but inactive and they can again become active if exposed to the atmosphere and current global warming causes concern for its exposure as ice are melting. They are also threat to human beings.

Source: [Economic Times](#)

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Q.5) Consider the following statements:

1. India has signed and ratified the United Nations Commission on Laws of the Seas (UNCLOS).
2. According to the law of Mare Liberum of UNCLOS, if two nations declare sea war on each other they can destroy or seize each other's vessels anywhere in the world.

Select the correct statements using the codes given below:

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

Answer: C

Explanation –

Statement 1 and 2 are correct: India signed and ratified the United Nations Commission on Laws of the Seas (UNCLOS). According to the law of Mare Liberum of UNCLOS, if two nations declare sea war on each other they can destroy or seize each other's vessels anywhere in the world.

Source: [Business Standard](#)

Q.6) Consider the following statements:

1. India currently generates 50 percent electricity from coal-based plants.
2. It is expected that in the coming five years India will generate 100 percent electricity from renewable energies.

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

Explanation –

Statement 1 is correct. India's 50 percent electricity is generated from coal-fired plants which is expected to come down to 30 per cent in the next 10 years.

Statement 2 is incorrect. It is not possible for India in the coming five years to completely generate electricity from renewables as they are unstable form of energy and currently at the developing stage. Therefore, there will be some dependence on coal base energy in the coming years.

Source: [The Indian Express](#)

10 PM Compilation for the Month of November, 2022

Q.7) Consider the following statements:

1. Ransomware is a type of malicious software, used by cyber criminals, to infect a computer system by blocking access to the stored data by encrypting the files.
2. Ransomware is the second highest global threat after money laundering.
3. There is no agency in India that prevents ransomware attacks.

Select the correct statements 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: A

Statement 1 and 2 are correct. Ransomware is a type of malicious software, used by cyber criminals, to infect a computer system by blocking access to the stored data by encrypting the files. According to Interpol's first-ever Global Crime Trend report, ransomware was the second highest-ranking threat after money laundering, at 66%. It is also expected to increase the most (72%).

Statement 3 is incorrect. There are multiple agencies like - Indian Computer Emergency Response Team (CERT-In), National Cyber Security Coordinator, etc.

Source: [ForumIAS](#)

Q.8) Semi-Automated Offside Technology (SAOT) was seen in the news recently. This technology is associated with –

- a) Launching of high range missiles from INS Vikrant
- b) Efficient removal of GHG from the atmosphere by spreading chemicals.
- c) Making faster and accurate decision in the sports matches.
- d) A technology used to warn early about drone attacks at the border.

Answer: C

Explanation – Semi-automated offside technology (SAOT) is a support tool for video match officials and on-field officials to help them make faster, more reproducible and more accurate offside decisions.

Source: [Explained | How FIFA is using SAOT for offside decisions](#)

Q.9) Consider the following statements:

1. Transgenders are not included under the ambit of Article 15 of the Indian Constitution and it is on the Parliament to make laws for them.
2. The Transgender Persons (Protection of Rights) Act, 2019 prohibits any person or organisation from discriminating against transgenders in matters of employment, recruitment, promotion and other related issues.

Select the correct statements using the codes given below:

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

Answer: B

Explanation –

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Statement 1 is incorrect. Article 15 and 16 (Right against Discrimination and Equality of Opportunity) prohibit discrimination against any citizen on certain enumerated grounds, include 'sex'. Both the Articles prohibit all varieties of gender bias and gender-based discrimination.

Statement 2 is correct. The Transgender Persons (Protection of Rights) Act, 2019 prohibits any person or organisation from discriminating against transgenders in matters of employment, recruitment, promotion and other related issues.

Source: [Rights of Sexual Minorities in India \(LGBTQ+ Rights\): Status and Challenges – Explained](#)

Q.10) Agni Warrior, is a bilateral military exercise conducted between –

- a) India and Malaysia
- b) India and the US
- c) India and Russia
- d) India and Singapore

Answer: D

Explanation – Agni Warrior is a bilateral exercise between the Singapore & Indian Army.

Source: [PIB](#)

PRELIMS

Q.1) Consider the following statements:

1. North-Eastern India is home to 80% of the tribal communities in the country.
2. Adivasis are the most deprived community of India.

Select the correct statements using the codes given below:

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

Answer: B

Explanation –

Statement 1 is incorrect. Central India is home to 80% of the tribal communities in the country.

Statement 2 is correct. The Tribal Development Report 2022 highlights that even after 75 years of independence Adivasis are the most deprived community of India.

Source: [DTE](#)

Q.2) Consider the following statements:

1. India's Look East Policy had more comprehensive approach than its Act East Policy.
2. One of the objectives of Act East Policy is to enhance relations amongst the QUAD nations by involving in various bilateral military exercises.

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. India's Act East Policy is more comprehensive than its Look East Policy. The focus of the "Look East Policy" was to increase economic integration with the South East Asian countries and the area was just confined to South East Asia only. On the other hand, the focus of the "Act East Policy" is economic and security integration and the focus area increased to South East Asia as well as East Asia.

Statement 2 is incorrect. There is no such objective but development of good relation with ASEAN countries is one of the objectives of Act East Policy.

Source: [The Hindu](#)

Q.3) The term 'Wormhole' was seen in the news recently. It is –

- a) A tunnel that connects two distant points in space and time.
- b) A virus responsible for large number of deaths in the 16th century.
- c) A hole that is required to transfer the virus from human body to animals.
- d) An animal that was found during the Cretaceous Period.

Answer: A

Explanation – Bifrost also known as wormhole is a tunnel that connects two distant points in space and time. A team of physicists has created the first-ever wormhole. It can be used as a viable means of space travel in the future-just as Thor does in the Marvel Cinematic Universe.

Source: [Business Standard](#)

Q.4) Consider the following statements:

1. India is the largest generator of E-waste in the world.
2. India has a very limited capacity for large-scale management of E-waste.

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 is incorrect. India is the third largest generator of e-waste after US and China.

Statement 2 is correct. India has a very limited capacity for large-scale management of E-waste. Government centres process only about a fifth of the e-waste generated each year as there is practically no mechanism for collection in this labour-intensive sector.

Source: [ToI](#)

Q.5) With reference to Scheme for Promotion of Manufacturing of Electronic Components and Semiconductors (SPECs) consider the following statements:

1. Its aim is to strengthen the value chain for the manufacturing of electronic products in India.
2. The Scheme is only applicable for target segments that constitute the supply chain of an electronic product under the Scheme.

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. SPECs aim is to strengthen the value chain for the manufacturing of electronic products in India. The Scheme is only applicable for target segments that constitute the supply chain of an electronic product under the Scheme.

Source: [The Times of India](#)

Q.6) Udhwa Lake Bird Sanctuary is located in –

- a) Uttar Pradesh
- b) Jharkhand
- c) Odisha
- d) Manipur

Answer: B

Explanation – Udhwa Lake Bird Sanctuary is located in Jharkhand. It is home to number of migratory birds.

Source: [The Hindu](#)

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Q.7) With reference to Himalayan Vulture consider the following statements:

1. It is one of the two largest Old World vultures.
2. It is listed as Near Threatened on the IUCN Red List.

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 – Statement 1 and 2 are correct. Himalayan Vulture is one of the two largest Old World vultures. It is listed as Near Threatened on the IUCN Red List.

Source: [The Hindu](#)

Q.8) Consider the following statements:

1. Colombia covers the largest area of Amazon Forest.
2. There has been 10% decline in the tropical rainforest of Amazon in the past four decades.

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. Brazil covers the largest area of Amazon Forest almost 60%. **Statement 2** is correct. There has been 10% decline in the tropical rainforest of Amazon in the past four decades.

Source: [The Hindu](#)

Q.9) Consider the following statements:

1. The NPS is regulated by the Pension Fund Regulatory and Development Authority (PFRDA).
2. The pension of defense personnel is are paid by the central government and their pension is not included in NPS.

Select the correct statements suing the codes given below:

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

Answer: C

Explanation – Statement 1and 2 are correct. The NPS is regulated by the Pension Fund Regulatory and Development Authority (PFRDA). The pension of defense personnel is are paid by the central government and their pension is not included in NPS.

Source: [State elections and the troubling return of the old pension scheme](#)

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Q.10) Consider the following statements:

1. Per-capita Solid Waste Generation has increased in India with the improvement in the processing of solid waste.
2. Chhattisgarh is the only state in India that treats 100% solid wastes.
3. Expansion of digital economy will lead to decrease in the e-waste generation.

Which of the statements given above is/are correct?

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

Answer: B

Explanation –

Statement 1 and 2 are correct. Per-capita Solid Waste Generation has increased in India with the improvement in the processing of solid waste. Chhattisgarh is the only state in India that treats 100% solid wastes.

Statement 3 is incorrect. Expansion of digital economy will lead to multifold increase in e-waste generation as economic growth leads to increase in waste generation consequent to rise in consumption.

Source: [Waste Management in India: Status, Challenges and Solutions - Explained](#)