

10 PM Current Affairs Quiz Compilation

28th Nov. to 3rd December, 2022

10 PM Compilation for the Month of November, (Fifth Week) 2022

PRELIMS

Q.1) Bluebugging refers to –

- It is a type of cyber-attack done on the Bluetooth enabled devices.
- It is a type of soil degrading bacteria.
- An asteroid capable of hitting the Earth
- 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:

- Their population have been declining in recent years.
- Yak milk has less protein than cow's milk.
- They can be domesticated.

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: 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:

- The Act 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.

Which of the statements given above are correct?

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

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Answer: D

Explanation –

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](#)

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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](#)

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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 Argentine
- 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](#)

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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 reseeding.
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 reseeding.

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

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Explanation-

Statement 1: Domestic violence is a punishable offence under Indian law.

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](#)

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PRELIMS

Q.1) “Nai Chetana” campaign is associated with –

- Adopting green technologies in daily lives of the people.
- Bringing reforms in the urban governance.
- Spreading awareness amongst women of their rights.
- 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:

- It 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.

Which of the statements given above is/are correct?

- 1 only
- 2 only
- Both 1 and 2
- 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:

- It is a viral respiratory disease.
- There is no vaccine available for measles.
- The disease is limited to children and cannot affect older.

Which of the statements given above is/are correct?

- 1 and 2 only
- 1 only
- 2 and 3 only
- 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](#)

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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](#)

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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](#)

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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](#)

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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](#)

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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 (SOAT) 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](#)

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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

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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 1 and 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](#)