

10 PM Current Affairs Quiz Compilation

20th to 26th February, 2023

10 PM Compilation for the Month of February, (Fourth Week) 2023

PRELIMS

Q.1) With reference to “Lavani” consider the following statements:

1. It is a folk song-and-dance performance from Kerala.
2. In this, women dancers wearing make-up and ghunghroos perform on dholak beats on a stage before a live audience.

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. Lavani is a folk song-and-dance performance from Maharashtra.

Statement 2 is correct. In this, women dancers wearing make-up and ghunghroos perform on dholak beats on a stage before a live audience.

Source: [ForumIAS](#)

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

1. It is located in Kerala.
2. The wetland is popular for its pulse cultivation.
3. It is one of the Ramsar Sites.
4. It is situated in the Central Asian Flyway of migratory birds.

Which of the statements given above are correct?

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

Answer: B

Explanation –

Statement 1, 3 and 4 are correct. Kole Wetland is located in Kerala. It is one of the Ramsar Sites. It is situated in the Central Asian Flyway of migratory birds.

Statement 2 is incorrect. The wetland is popular for its rice cultivation.

Source: [ForumIAS](#)

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Q.3) Considering the following statements:

1. Thyreus narendrani is a species of cuckoo bee.
2. Cuckoo bees parasitise the nest of other bees by breaking and entering and laying their eggs.
3. The pollen-collecting structures in cuckoo bees are more efficient than other female bees.

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. Thyreus narendrani is a species of cuckoo bee. Cuckoo bees parasitise the nest of other bees by breaking and entering and laying their eggs.

Statement 3 is incorrect. Unlike other female bees, cuckoo bees lack pollen-collecting structures.

Source: [ForumIAS](#)

Q.4) With reference to Unlawful Activities (Prevention) Act, 1967 consider the following statements:

1. Under the act, both Indian and foreign nationals can be charged.
2. Individuals have been excluded from the act to be designated as terrorists.
3. The act has the death penalty and life imprisonment as the highest punishments.

Which of the statements given above are correct?

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

Answer: C

Explanation –

Statement 1 and 3 are correct. Under the UAPA, both Indian and foreign nationals can be charged. The act has the death penalty and life imprisonment as the highest punishments.

Statement 2 is incorrect. The act included individuals as well as organizations to be designated as terrorists.

Source: [ForumIAS](#)

Q.5) Consider the following statements:

1. Indian and Chinese pangolins are included under Schedule I of the Wildlife Protection Act.
2. Odisha has reported the maximum number of seizures of pangolins.

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 and 2 are correct. Indian and Chinese pangolins are included under India's Schedule I of the Wildlife Protection Act. Among the 24 States and one Union Territory that reported seizure of pangolins, Odisha reported the maximum number of seizures.

Source: [ForumIAS](#)

Q.6) With reference to Marine Spatial Planning (MSP) consider the following statements:

1. It is a way to create and establish a more rational use of marine space and the interactions among its uses.
2. MSP framework is a part of Indo-Germany Integrated Ocean Initiative.
3. MSP will be implemented by the Ministry of Environment, Forest and Climate Change (MoEFCC).

Which of the statements given above is/are correct?

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

Answer: A

Explanation –

Statement 1 is correct. MSP is a way to create and establish a more rational use of marine space and the interactions among its uses.

Statement 2 and 3 are incorrect. MSP framework is a part of Indo-Norway Integrated Ocean Initiative. MSP will be implemented by the Ministry of Earth Sciences (MoES) through National Centre for Coastal Research (NCCR) for India.

Source: [ForumIAS](#)

Q.7) Consider the following statements:

1. Lead is a naturally occurring toxic metal found in the Earth's crust.
2. India lacks systems to screen populations for exposure to lead.
3. Lead exposure can have serious consequences for the health of children.

Which of the statements given above are correct?

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

Answer: D

Explanation –

Statement 1, 2 and 3 are correct. Lead is a naturally occurring toxic metal found in the Earth's crust. India lacks systems to screen populations for exposure to lead. Lead exposure can have serious consequences for the health of children.

Source: [ForumIAS](#)

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Q.8) Consider the following statements:

1. There is a severe shortage of mental healthcare workforce in India.
2. The budget allocation to mental healthcare in India is amongst the highest in the G20 countries.
3. Mental issues are closely linked with poverty.

Which of the statements given above are correct?

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

Answer: C

Explanation –

Statement 1 and 3 are correct. There is a severe shortage of mental healthcare workforce in India. Mental issues are closely linked with poverty. Mental issues are closely linked with poverty.

Statement 2 is incorrect. India allocates roughly 0.05% of its healthcare budget to the mental healthcare. This is the lowest among all G20 countries.

Source: [ForumIAS](#)

Q.9) Consider the following statements:

1. The Rukmavati River is a south flowing river originating in the central Kutch District and emptying into the Arabian Sea.
2. Sagar Parikrama Programme aims at harnessing the sea based renewable energies.

Select the correct statements using the codes given below:

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

Answer: A

Explanation –

Statement 1 is correct. The Rukmavati River is a south flowing river originating in the central Kutch District and emptying into the Arabian Sea.

Statement 2 is incorrect. The main objectives of Sagar Parikrama are to disseminate information of various fisheries related schemes and programs being implemented by the government, promoting responsible fisheries, protecting marine ecosystems, and demonstrating solidarity with all fisher folk and concerned stakeholders.

Source: [PIB](#)

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Q.10) Consider the following statements:

1. Education levels and unemployment are both rising among young Indians.
2. Marriage leads to increase in the labour force participation rate amongst women.

Select the correct option using the code given below:

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

Answer: A

Explanation –

Statement 1 is correct. Education levels and unemployment are both rising among young Indians.

Statement 2 is incorrect. Marriage leads to decrease in the labour force participation rate amongst women.

Source: [Live Mint](#)

PRELIMS

Q.1) Which of the following is the objective of 'Semicon India Program'?

- a) It aims at developing nano-technologies in India.
- b) It aims at reskilling youth living in rural areas of India.
- c) It aims at integrating the private data of Indian citizens into local servers in India.
- d) It aims at developing semiconductor and display manufacturing ecosystems in India.

Answer: D

Explanation – Semicon India program is aimed at the development of semiconductor and display manufacturing ecosystems in India. The programme provides financial support to companies investing in semiconductors, display manufacturing and design ecosystem.

Source: [FORUMIAS](#)

Q.2) With reference to the 'Fisheries sector in India' consider the following statements:

- 1. India is the second major producer of fish through aquaculture in the world.
- 2. Andhra Pradesh is the leading state in marine fish production.
- 3. India is the largest fish exporter in the world.

Which of the statements given above is/are correct?

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

Answer: C

Explanation –

Statement 1 correct. India is the second major producer of fish through aquaculture in the world.

Statement 2 and 3 are incorrect. Gujarat is the leading state in marine fish production, sharing 16.67 per cent of the country's total marine fish production. India is the 4th largest exporter of fish in the world. The exports from India contribute 7.7% to global fish production.

Source: [ForumIAS](#)

Q.3) Consider the following statements:

- 1. INS Vikramaditya is the largest and most complex warship to be built in India.
- 2. INS Vikrant uses STOBAR (Short Take-Off but Arrested Landing) aircraft-operation mode.

Select the correct statements using the code given below:

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

Answer: B

Explanation –

Statement 1 is incorrect. INS Vikrant is the largest and most complex warship to be built in India. INS Vikramaditya has been bought from Russia.

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Statement 2 is correct. INS Vikrant uses STOBAR (Short Take-Off but Arrested Landing) aircraft-operation mode.

Source: [FORUMIAS](#)

Q.4) Which of the following is/are the challenge(s) with India in achieving solar power target?

1. Land acquisition
2. Cost of solar panels
3. Low number of sunny days

Select the correct option using the code given below:

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

Answer: B

Explanation – Land acquisitions, cost of solar panels, lack of R&D, etc. are some of the challenges with India in achieving solar power target.

Source: [ForumIAS](#)

Q.5) With reference to Pressurised Heavy Water Reactor (PHWR) consider the following statements:

1. In this type of reactor, water is heated which is turned into steam in the reactor vessel.
2. It uses uranium as its fuel.
3. It uses heavy water as its coolant and moderator.

Which of the statements given above are correct?

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

Answer: B

Explanation –

Statement 1 is incorrect. In a PHWR, the reactor core heats heavy water and keeps it under pressure to prevent the water from turning into steam.

Statement 2 and 3 are correct. PHWR uses uranium as its fuel and heavy water as its coolant and moderator.

Source: [ForumIAS](#)

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Q.6) With reference to the Generative AI (Artificial Intelligence) consider the following statements:

1. It can help businesses save time and money as well as increase efficiency.
2. Data privacy issues can arise from using generative AI in different industries.

Select the correct statements using the code given below:

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

Answer: C

Explanation –

Statement 1 and 2 are correct. Generative AI can help businesses save time and money as well as increase efficiency. Data privacy issues can arise from using generative AI in different industries.

Source: [ForumIAS](#)

Q.7) Consider the following statements:

1. All classical languages in India are listed in the Eighth Schedule of the Indian Constitution.
2. English is one of the languages included in the Eighth Schedule of the Indian Constitution.

Select the correct statements using the code given below:

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

Answer: A

Explanation –

Statement 1 is correct. All classical languages in India are listed in the Eighth Schedule of the Indian Constitution.

Statement 2 is incorrect. English is not present in the Eighth Schedule.

Source: [The Times of India](#)

Q.8) With reference to 'Lagrange point (L-point)' consider the following statements:

1. These are a special kind of orbit used by satellites to get from one orbit to another.
2. These points in space can be used by spacecraft to reduce fuel consumption needed to remain in position.
3. The most used L-points are L1 and L2.

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 –

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Statement 1 is incorrect. Lagrange point are positions in space where objects sent there tend to stay.

Statements 2 and 3 are correct. Lagrange point can be used by spacecraft to reduce fuel consumption needed to remain in position. The most used L-points are L1 and L2.

Source: [The Hindu](#)

Q.9) With reference to 'Startup 20' consider the following statements:

1. It aspires to create a global narrative for supporting startups and enabling synergies between startups, corporates, investors, innovation agencies and other key ecosystem stakeholders.
2. It emphasises the importance of startups in driving economic growth and innovation and the country's commitment to promoting the ecosystem globally.
3. Agri-tech startups is one of the focus areas of Startup 20.

Which of the statements given above are correct?

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

Answer: D

Explanation –

Statement 1, 2 and 3 are correct. Startup 20 aspires to create a global narrative for supporting startups and enabling synergies between startups, corporates, investors, innovation agencies and other key ecosystem stakeholders. It emphasises the importance of startups in driving economic growth and innovation and the country's commitment to promoting the ecosystem globally. Agri-tech startups is one of the focus areas of Startup 20.

Source: [ORF](#)

Q.10) Debrigarh Tiger Reserve is located in

- a) Assam
- b) Odisha
- c) Madhya Pradesh
- d) Arunachal Pradesh

Answer: B

Explanation – Debrigarh is located near the Hirakud dam at Sambalpur, Odisha.

Source: [ForumIAS](#)

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PRELIMS

Q.1) Which of the following country is associated with Blue Flag Ecology Programme?

- a) Costa Rica
- b) Mexico
- c) Ecuador
- d) Peru

Answer: A

Explanation – Blue Flag Ecology Programme has been launched by Costa Rica. A strict set of environmental criteria is laid down under the programme. Under it, all local stakeholders in the tourism industry work together to attain the coveted Blue Flag tag.

Source: [ForumIAS](#)

Q.2) Moonlight cooling refers to

- a) Greenhouse Gas Emission on the moon
- b) Increasing temperature around the poles
- c) Cooling of moon's surface after reflecting sun's rays.
- d) A sharp decrease in the moon's temperature caused due to change in its pattern of rotation.

Answer: C

Explanation – When the Moon's surface reflects the sun's rays, it cools down rapidly after sunset, this is referred to as moonlight cooling.

Source: [ForumIAS](#)

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

- 1. They are ornamental plants and are often grown in gardens and parks.
- 2. They are only found in North America and Australia.
- 3. They have been used in traditional medicine for their medicinal properties.

Which of the statements given above are correct?

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

Answer: C

Explanation –

Statement 1 and 3 are correct. Rhododendrons are ornamental plants and are often grown in gardens and parks. They have been used in traditional medicine for their medicinal properties.

Statement 2 is incorrect. Rhododendrons are native to many regions of the world, including Asia, Europe, North America, and Australia.

Source: [ForumIAS](#)

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Q.4) With reference to Armed Forces (Special Powers) Act (AFSPA) consider the following statements:

1. The act empowers the Chief Minister of a state to declare any part or full of any state as a disturbed area.
2. The act empowers security forces to arrest anybody even without a warrant and carry out searches without consent.
3. The act does not explicitly explain the circumstances under which the part of the state can be declared as a disturbed area.

Which of the statements given above is/are correct?

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

Answer: C

Explanation –

Statement 1 is incorrect. AFSPA empowers the Central Government, or the Governor of the State or administrator of the Union Territory to declare the whole or part of the State or Union Territory as a disturbed area.

Statement 2 and 3 are correct. The act empowers security forces to arrest anybody even without a warrant and carry out searches without consent. The act does not explicitly explain the circumstances under which the part of the state can be declared as a disturbed area.

Source: [The Times of India](#)

Q.5) Antakya is located on the banks of

- a) Orontes River
- b) Ankara River
- c) Dim River
- d) Seyhan River

Answer: A

Explanation – Antakya is located on the banks of Orontes River. This city got affected due to the recent Earthquake in Turkey.

Source: [The Times of India](#)

Q.6) Consider the following statements regarding the ‘Deodar Forest’:

1. They are mostly found in the temperate forests but they can also be found in a range of biomes.
2. They belong to the category of moist Deciduous forests.
3. Deodar Forests are found 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: C

Explanation –

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Statement 1 and 3 are correct. Deodar Forest are mostly found in the temperate forests but they can also be found in a range of biomes. Deodar Forests are found in India in Himachal Pradesh. **Statement 2** is incorrect. They belong to the category of evergreen coniferous forests.

Source: [The Times of India](#)

Q.7) With reference to National Assessment and Accreditation Council (NAAC) consider the following statements:

1. It is a government organisation in India that assesses and accredits Higher Education Institutions (HEIs).
2. It is an autonomous body funded by the All India Council for Technical Education.

Select the correct statement using the code given below:

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

Answer: A

Explanation –

Statement 1 is correct NAAC is a government organisation in India that assesses and accredits Higher Education Institutions (HEIs).

Statement 2 is incorrect. It is an autonomous body funded by the University Grants Commission.

Source: [The Times of India](#)

Q.8) With reference to Guindy National Park, consider the following statements:

1. It is located in Telangana.
2. Tropical dry evergreen forest is found in the national park.

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. Guindy National Park is located in Chennai, Tamil Nadu.

Statement 2 is correct. Tropical dry evergreen forest is found in the national park.

Source: [The Indian Express](#)

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Q.9) With reference to “Jal Jeevan Mission” consider the following statements:

1. It seeks to provide safe and adequate drinking water through individual household tap connections to all rural households by 2024.
2. It is being implemented by the Ministry of Jal Shakti.

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 and 2 are correct. **Jal Jeevan Mission** seeks to provide safe and adequate drinking water through individual household tap connections to all rural households by 2024. It is being implemented by Department of Drinking Water and Sanitation under the Jal Shakti Ministry.

Source: [The Hindu](#)

Q.10) With reference to Autism Spectrum Disorder (ASD) consider the following statements:

1. It is the term used for a group of neurodevelopmental disorders.
2. At present, there are no known cures available to treat ASD.

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. ASD is the term for a group of neurodevelopmental disorders. At present, there are no known cures available to treat ASD.

Source: [ForumIAS](#)

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Q.1) Consider the following statements:

1. The Speaker and the Deputy Speaker are described in the Constitution as officers of Parliament.
2. The Deputy Speaker was designated Deputy President under the Government of India Act of 1858.

Select the correct statements using the codes given below:

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

Answer: A

Explanation –

Statement 1 is correct. The Speaker and the Deputy Speaker are described in the Constitution as officers of Parliament.

Statement 2 is incorrect. The Deputy Speaker was designated Deputy President under the Government of India Act of 1919.

Source: [FORUMIAS](#)

Q.2) Which of the following is/are the reason(s) behind increasing urban rural disparity?

1. Biased Policies
2. Spillover effect
3. Lack of Awareness of Schemes

Select the correct option using the code given below:

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

Answer: A

Explanation – Biased Policies, spillover effect (refers to the development of rural areas which is dependent on larger urban areas) are some of the reasons behind increasing urban rural disparities.

Source: [FORUMIAS](#)

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

1. It will bring closer linkages between the government, academia and industry of the India and the US.
2. Agri-tech startup is one of the focus areas of iCET.

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 –

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Statement 1 is correct. iCET will bring closer linkages between the government, academia and industry of the India and the US.

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

Source: [ForumIAS](#)

Q.4) Consider the following statements:

1. Bolivia, Chile, and Argentina are collectively referred to as the Lithium Triangle.
2. The US currently controls 77% of the global lithium-ion battery manufacturing capacity.
3. Lithium is also referred to White Gold.

Which of the statements given above are correct?

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

Answer: C

Explanation –

Statement 1 and 3 are correct. Bolivia, Chile, and Argentina are collectively referred to as the Lithium Triangle. Lithium is also referred to White Gold.

Statement 2 is incorrect. China currently controls 77% of the global lithium-ion battery manufacturing capacity and is home to 6 of the world's 10 manufacturing companies.

Source: [FORUMIAS](#)

Q.5) “PayNow system” was seen in the news recently, is associated with which of the following countries?

- a) Indonesia
- b) Singapore
- c) Argentina
- d) Egypt

Answer: B

Explanation – PayNow is a fast payment system in Singapore. It enables peer-to-peer funds transfer service, available to retail customers through participating banks and Non-Bank Financial Institutions (NFIs) in Singapore.

Source: [ForumIAS](#)

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Q.6) With reference to Wayanad Wildlife Sanctuary consider the following statements:

1. It is the largest wildlife park in Kerala.
2. It is part of Nilgiri Biosphere Reserve.
3. The wildlife sanctuary comes under Protect Elephant.

Which of the statements given above are correct?

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

Answer: B

Explanation –

Statement 1 is incorrect. Wayanad Wildlife Sanctuary is the second largest wildlife park in Kerala. Periyar Wildlife Sanctuary is the largest wildlife sanctuary in Kerala.

Statement 2 and 3 are correct. It is part of Nilgiri Biosphere Reserve. The wildlife sanctuary comes under Protect Elephant.

Source: [ForumIAS](#)

Q.7) Which of the following countries signed the “New START Treaty”?

- a) India and Russia
- b) India and Germany
- c) US and Russia
- d) Japan and US

Answer: C

Explanation – The New START Treaty is officially known as – the “Treaty between the United States of America and the Russian Federation on Measures for the Further Reduction and Limitation of Strategic Offensive Arms”.

Source: [FORUMIAS](#)

Q.8) With reference to “Alexandrine Parakeets” consider the following statements:

1. They are widespread in South and South-East Asia.
2. They are listed in Schedule IV of the Wildlife 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 and 2 are correct. Alexandrine Parakeets is a medium-sized parrot in the genus Psittacula of the family Psittaculidae. They are widespread in South and South-East Asia. They are listed in Schedule IV of the Wildlife Protection Act, 1972 and categorized as NT in the IUCN List.

Source: [ForumIAS](#)

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Q.9) 'Test of Majority' was seen in the news recently, is related with –

- a) Determining the shareholders of a company.
- b) Deciding the election symbol for a political party.
- c) Determining the countries' responsible for global warming.
- d) Elections to the Rajya Sabha.

Answer: B

Explanation – test of majority, test of party constitution and test of aims and objects are the types of different tests conducted by the Election Commission to determine the party's name and symbol belongs to which faction of the party.

Source: [The Times of India](#)

Q.10) Consider the following statements:

- 1. India is a signatory to the Convention on International Civil Aviation (Chicago Convention).
- 2. Immediate Payment Service (IMPS) is a service provided by banks to ensure real-time interbank funds transfer.

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 is a signatory to the Convention on International Civil Aviation (Chicago Convention). Immediate Payment Service (IMPS) is a service provided by banks to ensure real-time interbank funds transfer.

Source: [PIB](#)

PRELIMS

Q.1) Consider the following statements with reference to “Dickinsonia”:

1. It is considered to be the Earth’s oldest animal.
2. It lived during the Cambrian Period.

Select the correct statement using the code given below:

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

Answer: A

Explanation –

Statement 1 is correct. Dickinsonia is considered to be the Earth’s oldest animal, dating back 570 million years.

Statement 2 is incorrect. It lived during the late Ediacaran period.

Source: [ForumIAS](#)

Q.2) With reference to ‘Bhimbetka rock shelters’ consider the following statements:

1. It is a recognized world heritage site by UNESCO.
2. It is located in the foothills of the Aravallis Range.
3. Most of the paintings of Bhimbetka are in red and white.

Which of the statements given above is/are correct?

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

Answer: D

Explanation –

Statement 1 and 3 are correct. Bhimbetka rock shelter is a recognized world heritage site by UNESCO. Most of the paintings here are in red and white with occasional dashes of yellow and green. Their themes include events of everyday life, thousands of years ago.

Statement 2 is incorrect. Bhimbetka rock shelters are located in the foothills of the Vindhya Mountains in the State of Madhya Pradesh.

Source: [ForumIAS](#)

Q.3) Which of the following is the objective Virtual Trade Corridor planned between India and UAE?

- a) Cutting the cost and time for customs clearance and speeding up bilateral trade.
- b) Releasing and transferring the Indian prisoners to India.
- c) Allowing Indian e-commerce company to operate in the UAE.
- d) Decreasing tax on both the nation’s goods and services.

Answer: A

Explanation – The Virtual Trade Corridor is aimed at cutting the cost and time for customs clearance and speeding up bilateral trade.

Source: [FORUMIAS](#)

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Q.4) Keeladi settlement site is being excavated, it belongs to –

- a) Mauryan Period
- b) Sangam Age
- c) Gupta Period
- d) Harshavardhana's Period

Answer: B

Explanation – Keeladi excavation site is a Sangam age settlement that is being excavated by the Archaeological Survey of India and the Tamil Nadu State Department of Archaeology.

Source: [FORUMIAS](#)

Q.5) “HD-3385” is a variety of

- a) Pulse
- b) Rice
- c) Wheat
- d) Cotton

Answer: C

Explanation –

HD-3385 is a variety of wheat. It has been developed by Indian Agricultural Research Institute (IARI).

Source: [FORUMIAS](#)

Q.6) With reference to Air Services Agreement (ASA) consider the following statements:

1. It is a bilateral agreement to allow international commercial air transport services between signatories.
2. The agreement is based on the principles of sovereignty of nations, nationality of carriers and reciprocity in terms of commercial opportunities for the designated airlines of each side.

Select the correct statement using the code given below:

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

Answer: C

Explanation –

Statement 1 and 2 are correct. ASA is a bilateral agreement to allow international commercial air transport services between signatories. The agreement is based on the principles of sovereignty of nations, nationality of carriers and reciprocity in terms of commercial opportunities for the designated airlines of each side.

Source: [FORUMIAS](#)

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Q.7) Which of the following will be the consequences of rise in the sea levels?

1. Increase in coastal erosion
2. Increase in agricultural production
3. It will bring cascading effects.

Select the correct option below:

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

Answer: C

Explanation – Rise in the sea levels will lead to an increase in the coastal erosion, decrease in agricultural production, have cascading effect such as loss to coastal ecosystems and ecosystem services.

Source: [FORUMIAS](#)

Q.8) With reference to the Generative AI (Artificial Intelligence) consider the following statements:

1. It can help businesses save time and money as well as increase efficiency.
2. Data privacy issues can arise from using generative AI in different industries.

Select the correct statements using the code given below:

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

Answer: C

Explanation –

Statement 1 and 2 are correct. Generative AI can help businesses save time and money as well as increase efficiency. Data privacy issues can arise from using generative AI in different industries.

Source: [ForumIAS](#)

Q.9) Corps of Signals (CoS) refers to

- a) Indigenous rockets system
- b) Enhancing the coverage of telecommunication network
- c) Dedicated telecommunication services for Indian space missions
- d) Technology that handles Indian army's military communications.

Answer: D

Explanation – Corps of Signals is a corps and a combat support arm of the Indian Army, which handles its military communications.

Source: [ORF](#)

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Q.1) With reference to “Phosphor Gypsum” consider the following statements:

1. It is a by-product of fertilizer production.
2. Its use in road construction aligns with the principles of a linear economy.

Select the correct statements using the codes given below:

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

Answer: A

Explanation –

Statement 1 is correct. Phosphor Gypsum is a by-product of fertilizer production.

Statement 2 is incorrect. Its use in road construction aligns with the principles of a circular economy.

Source: [ForumIAS](#)

Q.2) With reference to ‘Fly Ash’ consider the following statements:

1. Fly ash is a particulate material produced from the combustion of coal in thermal power plants.
2. They are being used for the construction of highways.
3. Aluminum oxide is present in the fly ash.

Which of the statements given above are correct?

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

Answer: D

Explanation –

Statement 1, 2 and 3 are correct. Fly ash is a particulate material produced from the combustion of coal in thermal power plants. They are being used for the construction of highways. The main chemical components present in fly ash are: Silicon dioxide, Aluminum oxide, Ferric oxide.

Source: [FORUMIAS](#)

Q.3) With reference to Licorice (Mulethi) consider the following statements:

1. India is one of the major exporting countries of Mulethi.
2. Dry and sunny climate are ideal climatic condition required for growing Mulethi.
3. Mulethi is grown mainly in Afghanistan.

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 –

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Statement 1 is incorrect. India imports 8,047 tonnes of liquorice annually from Afghanistan, China and Nepal. Himachal Pradesh has become the first state in India to start the organized commercial cultivation of Licorice (Mulethi).

Statement 2 and 3 are correct. Mulethi plant thrives in a dry and sunny climate and is cultivated in subtropical and warm temperate regions. Mulethi is grown mainly in Afghanistan.

Source: [ForumIAS](#)

Q.4) Which of the following is the objective of Common Service Centres (CSC) Academy?

- To provide digital literacy and skill development training to the rural youth of India.
- To provide training in the cyber security to private organisations in India.
- To detect vulnerability of digital infrastructure to the cyber-attacks.
- To provide free tuition facilities to the children of poor households.

Answer: A

Explanation – CSC Academy aims to provide digital literacy and skill development training to the rural youth of India. It aims to bridge the digital divide in the country and create employment opportunities for the rural population.

Source: [ForumIAS](#)

Q.5) With reference to “Digi Yatra” consider the following statements:

- The Digi Yatra is a mandatory facility that has to be taken at the airport by the flyers.
- In the Digi Yatra process, there is no central storage of passengers’ personally identifiable information data.

Select the correct statements using the code given below:

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

Answer: B

Explanation –

Statement 1 is incorrect. The Digi Yatra is a voluntary facility.

Statement 2 is correct. In the Digi Yatra process, there is no central storage of passengers’ personally Identifiable Information data.

Source: [ForumIAS](#)

Q.6) With reference to “Anti- defection law” consider the following statements:

- It was introduced into the Constitution via the Ninth Schedule.
- Its purpose is to check increasingly frequent floor crossing.

Select the correct statements using the codes given below:

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

Answer: B

Explanation –

10 PM Compilation for the Month of February, (Fourth Week) 2023

Statement 1 is incorrect. Anti- defection law was introduced into the Constitution via the Tenth Schedule.

Statement 2 is correct. The purpose of the law is to check increasingly frequent floor crossing.

Source: [ForumIAS](#)

Q.7) Consider the following statements:

1. Circular Economy and Bioeconomy are resource-focused whereas Green Economy acknowledges the role of all ecological processes.
2. India is the world's largest importer of crude oil.
3. The burning of hydrocarbons releases CO₂ as a major by-product in the environment.

Which of the statements given above are correct?

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

Answer: C

Explanation –

Statement 1 and 3 are correct. Circular Economy and Bioeconomy are resource-focused whereas Green Economy acknowledges the role of all ecological processes. The burning of hydrocarbons releases CO₂ as a major by-product in the environment.

Statement 2 is incorrect. India is the world's 3rd largest importer of crude oil and the 4th largest importer of liquefied natural gas.

Source: [PIB](#)

Q.8) With reference to “Venice” consider the following statements:

1. It is situated at the northwestern end of the Adriatic Sea.
2. It lies on an archipelago.

Select the correct statement using the code given below:

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

Answer: C

Explanation –

Statement 1 and 2 are correct. Venice is situated at the northwestern end of the Adriatic Sea. It lies on an archipelago.

Source: [The Indian Express](#)

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Q.9) With reference to Great Backyard Bird Count (GBBC) 2023, consider the following statements:

1. As per GBBC, Punjab has reported the highest number of bird species.
2. As per GBBC, India has the third-highest bird species in the world.

Select the correct statements using the code given below:

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

Answer: B

Explanation –

Statement 1 is incorrect. As per GBBC, West Bengal has reported the highest number of bird species.

Statement 2 is correct. As per GBBC, India has the third-highest bird species in the world.

Source: [The Hindu](#)

Q.10) With reference to Pressurised Heavy Water Reactor (PHWR) consider the following statements:

1. In this type of reactor, water is heated which is turned into steam in the reactor vessel.
2. It uses uranium as its fuel.
3. It uses heavy water as its coolant and moderator.

Which of the statements given above are correct?

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

Answer: B

Explanation –

Statement 1 is incorrect. In a PHWR, the reactor core heats heavy water and keeps it under pressure to prevent the water from turning into steam.

Statement 2 and 3 are correct. PHWR uses uranium as its fuel and heavy water as its coolant and moderator.

Source: [ForumIAS](#)