

Q: Consider the following statement regarding Leptospirosis:

1. The disease is caused by a bacterium called Leptospira.
2. It is a potentially fatal zoonotic bacterial disease.
3. It is a non- contagious disease in animals.

Choose the correct option from the codes given below:

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

Ans: a

Explanation:

- Leptospirosis is a potentially fatal zoonotic bacterial disease.
- The disease is caused by a bacterium called Leptospira interrogans, or Leptospira.
- It is more prevalent in warm, humid countries and in both urban and rural areas.
- It is a contagious disease in animals but is occasionally transmitted to humans under certain environmental conditions.
- The carriers of the disease can be either wild or domestic animals, including rodents, cattle, pigs, and dogs.

Q: Consider the following statement regarding Gandhi Sagar Wildlife Sanctuary:

1. It is situated in Chhattisgarh.
2. It lies in the Khathiar-Gir dry deciduous forest ecoregion.
3. River Chambal flows through the sanctuary.

Choose the correct option from the codes given below:

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

Ans: b

Explanation:

- Gandhi Sagar Wildlife Sanctuary is situated on the northern boundary of the Mandsaur and Nimach districts in Madhya Pradesh.
- It is spread over an area of 368.62 km² (142.32 sq mi) adjoining Rajasthan state.
- It lies in the Khathiar-Gir dry deciduous forest ecoregion.
- It was notified in the year 1974 and added to the list of sanctuaries in 1984.
- River Chambal flows through the sanctuary, dividing it into two parts.

Q: Consider the following statement regarding Samudra Prahari:

1. It is an Indian Coast Guard Ship (ICGS) specially designed for pollution control.
2. It is the first pollution control vessel of its kind in Southeast Asia.

Choose the correct option from the codes given below:

- a) 1 only
- b) 2 Only
- c) 1 and 2
- d) None of the above

Ans: c

Explanation:

- Samudra Prahari is an Indian Coast Guard Ship (ICGS) specially designed for pollution control.
- It is the first pollution control vessel of its kind in Southeast Asia.

- Features:
- It is equipped with the most advanced pollution Response and Control equipment for mitigating oil spills in the Exclusive Economic Zone.
- It has tanks and inflatable barges for storage of oil spills.

Q: Consider the following statement regarding Critical Raw Materials Act (CRM Act):

1. The act identifies a list of 30 critical raw materials of high economic importance for the EU.
2. The Act creates CRMs for supply chain monitoring.
3. Critical mineral include lithium, cobalt, nickel, rare earths, and magnesium.

Choose the correct option from the codes given below:

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

Ans: d

Explanation:

Critical Raw Materials Act (CRM Act):

- Critical raw materials (CRMs) are raw materials of high economic importance for the EU, with a high risk of supply disruption due to their concentration of sources and lack of good, affordable substitutes.
- The CRM Act identifies a list of 30 critical raw materials, including lithium, cobalt, nickel, rare earths, and magnesium.
- The Act will reduce the administrative burden, streamlining permitting procedures for critical raw materials projects in the EU.
- To ensure supply chain resilience, the Act creates CRMs for supply chain monitoring and stress-testing, coordinates strategic stocks and sets risk preparedness obligations on large companies producing strategic technologies.

Q: Consider the following statement regarding Sangeet Natak Akademi:

1. It is an Autonomous Body of the Ministry of Culture.
2. It is fully funded by the Government for the implementation of its schemes and programmes.
3. The Chairman of the Akademi is appointed by the Ministry of Culture.

Choose the correct option from the codes given below:

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

Ans: a

Explanation:

- Sangeet Natak Akademi is India's national academy of music, dance and drama.
- It was created by a resolution of the Ministry of Education, with P.V. Rajamannar as its first Chairman.
- It was set up in 1953 for the preservation and promotion of the vast intangible heritage of India's diverse culture expressed in forms of music, dance and drama.
- Presently, it is an Autonomous Body of the Ministry of Culture.
- The Chairman of the Akademi is appointed by the President of India for a term of five years.
- It is fully funded by the Government for the implementation of its schemes and programmes.