

Q: Consider the following statement regarding Kumbhalgarh Wildlife Sanctuary:

1. It acts as a dividing line between Mewar and Marwar.
2. It provides a suitable habitat for endangered and rare wild animals, like four-horned antelope and grey jungle fowl.
3. River Luni also graces the sanctuary and is the primary source of water.

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:

- Kumbhalgarh Wildlife Sanctuary encompasses the historic Kumbhalgarh Fort and is also named after the fort.
- It acts as a dividing line between Mewar and Marwar, two different parts of Rajasthan.
- River Banas also graces the sanctuary and is the primary source of water.
- It provides a suitable habitat for endangered and rare wild animals, including four-horned antelope, sambar, wild boar, nilgai, sloth bear, leopard and caracal.
- There are a large number of birds to be sighted here, the most common one spotted here is the grey jungle fowl.

Q: Consider the following statement regarding Seethakali:

1. It is a unique centuries-old folk art from Karnataka.
2. This art form was back by the people of Vedar and Pulayar communities.
3. It is based on certain episodes taken from the Indian epic Ramayana.

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:

- Seethakali is a unique centuries-old folk art form that is believed to have originated at Perinad in the Kollam district of Kerala.
- This art form was first performed some 150 years back by the people of Vedar and Pulayar communities.
- Themes
- It is based on certain episodes taken from the Indian epic Ramayana.
- Mythic characters such as Rama, Seetha, Ravana and Hanuman come alive in Seethakali performances that portray the tale of Seetha's journey, from the time she accompanied Rama to the woods till her ascent to the heavens.

Q: Consider the following statement regarding "Coil Gun":

1. It is a type of electromagnetic weapon capable of launching projectiles with extremely high speed.
2. It operates on the principle of electromagnetic induction.

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:

- Coil Guns is a type of electromagnetic weapon capable of launching projectiles with extremely high speed in the blink of an eye.
- They are also known as Gauss guns or magnetic accelerators.
- It operates on the principle of electromagnetic induction, applying the principles of electromagnetism to propel a projectile.

Q: Consider the following statement regarding Chabahar Port:

1. It is a seaport on the Gulf of Oman, at the mouth of the Strait of Hormuz.
2. It is a deep-water port with direct access to the Indian Ocean.
3. It is a key transit centre on the burgeoning International North-South Transport Corridor.

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:

- Chabahar Port is a seaport in the Sistan-Balochistan province of Iran, on the Gulf of Oman, at the mouth of the Strait of Hormuz.
- It is a deep-water port with direct access to the Indian Ocean that is outside the Hormuz Strait.
- Its geographic proximity to countries such as Afghanistan, Pakistan, and India, as well as its status as a key transit centre on the burgeoning International North-South Transport Corridor.

Q: Consider the following statement regarding Eco Sensitive Zone:

1. They are created as “shock absorbers” for the protected areas to minimise the negative impact on the “fragile ecosystems” by certain nearby human activities.
2. Land within 25 km of the boundaries of national parks and wildlife sanctuaries is to be notified as eco-fragile zones

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: a

Explanation:

- Eco-Sensitive Zones are land within 10 km of the boundaries of national parks and wildlife sanctuaries is to be notified as eco-fragile zones or Eco-Sensitive Zones (ESZ).
- While the 10-km rule is implemented as a general principle, the extent of its application can vary.
- The Union government can also notify areas beyond 10 km as ESZs if they hold larger ecologically important “sensitive corridors”.
- They are created as “shock absorbers” for the protected areas to minimise the negative impact on the “fragile ecosystems” by certain nearby human activities.