

Q: Consider the following statement regarding Greater sand-plover:

1. It is known for long distance migratory bird.
2. It breeds in high-elevation areas.
3. It is listed as critically endangered by IUCN.

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:

- Greater sand-plover is known for long distance migration.
- It is a medium-sized plover with a long hefty bill.
- Breeding adults have a dark mask and orangish chest, neck, and forehead; females duller than males.
- Non-breeding birds and immatures are sandy brown above and white below, with a white throat and “eyebrows.”
- Additionally, unlike some Lesser Sand-Plovers, Greater never has a black boundary around the throat.
- It breeds in high-elevation areas, where it favors arid, open habitats, sometimes near water. Winters on coastal mudflats and estuaries.
- It breeds during April to May in central Asia, late March to late May in Turkey and upto late June in Armenia.
- It winters in the shores of Indian and Australian Oceans after the breeding.
- Conservation status by IUCN is Least Concern.

Q: Consider the following statement regarding Armageddon Reedtail:

1. The species was discovered northeastern states of Nagaland.
2. Its only habitat is primary montane streams, where it thrives beneath dense canopy cover.
3. This species faces the threat of extinction due to habitat loss and changing environmental conditions.

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:

- Armageddon Reedtail species was discovered northeast of Thiruvananthapuram.
- It has a captivating dark brown to black body with vibrant greenish-blue eyes, and half of its eight abdominal segments are marked with delicate pale blue markings.
- Its only habitat is primary montane streams, where it thrives beneath dense canopy cover.
- The name, Armageddon Reedtail, is a direct reference to the concept of “Ecological Armageddon”, a term used to describe the devastating decline of insect populations around the world.
- This species faces the threat of extinction due to habitat loss and changing environmental conditions.

Q: Consider the following statement regarding Toto Language:

1. It is a Sino-Tibetan language spoken by the tribal Toto people of West Bengal bordering Bhutan.
2. It is written in the Bengali script.

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:

- Toto language is a Sino-Tibetan language spoken by the tribal Toto people and is written in the Bengali script.
- A prominent community member Dhaniram Toto developed a script as recently as in 2015.
- It is spoken by barely 1,600 people living in parts of West Bengal bordering Bhutan.

Q: Consider the following statement regarding Naganathaswamy Temple:

1. It is referred as Kailasamudaiyar temple in inscriptions.
2. It consists of an ekatala vimana and a mukha mandapa.
3. It was built by Rajendra Chola I

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:

- Naganathaswamy Temple was built by Rajendra Chola I (1012-1044 CE).
- It is referred as Kailasamudaiyar temple in inscriptions.
- It is known for its exquisite stone sculptures and important inscriptions.
- It consists of an ekatala vimana and a mukha mandapa.
- The walls of both structures are divided into three bays.
- The central bays of the vimana have niches to accommodate Dakshinamurthi in the south, Lingodhbava in the west and Brahma in the north.
- The mukha mandapa is provided with three niches on the south and the north.

Q: Consider the following statement regarding Internet cookies:

1. They act as digital ID cards.
2. They foster a sense of personalization.
3. It contain tiny amounts of data about users in all files format that act like a website's memory.

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:

- Cookies contain tiny amounts of data about users in text files that act like a website's memory.
- As soon as we use a server, tiny amounts of data start getting stored inside a cookie.
- The website uses it to identify users and their devices, which also stores these cookies.
- Whenever a user visits the same website, the cookies identify him/her and make it show relevant information.
- They act as digital ID cards, aiding in user authentication by allowing websites to recognise and keep you logged in during your visit.
- They foster a sense of personalisation, recalling your preferences such as language choice or website theme.
- They function as the digital equivalent of a persistent shopping cart, ensuring that items you have added online remain there when you return.