

Q: Consider the following statement regarding Salamander:

1. It is an amphibian with a slender body and a long tail.
2. Most salamanders look like a cross between a lizard and a frog.
3. The highest population of this genus concentrates in the Alps Mountains

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

- A salamander is an amphibian with a slender body and a long tail.
- They encompass approximately 500 species of amphibians.
- Most salamanders look like a cross between a lizard and a frog. They have moist, smooth skin, like frogs, and long tails, like lizards.
- Distribution:
- Salamanders range in North America, Europe, Asia, the northern parts of South America, and North Africa.
- The highest population of this genus concentrates in the Appalachian Mountains in North America. Almost one-third of their global population lives in North America.

Q: Consider the following statement regarding Double Humped Camels:

1. They have two humps on their backs where they store water.
2. A small population of Bactrian camels exists in the Nubra Valley of Ladakh.
3. They are omnivores but are primarily herbivores.

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

- Double Humped Camels or Bactrian camels, have two humps on their backs where they store fat.
- They are native to the harsh and arid regions of Central Asia.
- A small population of Bactrian camels exists in the Nubra Valley of Ladakh.
- They are omnivores but are primarily herbivores that constantly graze on grasses.

Q: Consider the following statement regarding National Crime Records Bureau (NCRB):

1. It comes under the Ministry of Home Affairs (MHA).
2. It was set up based on the recommendations of the Tandon Committee.

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

- National Crime Records Bureau (NCRB) was established in 1986 to act as a repository of information on crime and criminals.
- It comes under the Ministry of Home Affairs (MHA), Government of India.

- It was set up based on the recommendations of the Tandon Committee, the National Police Commission (1977-1981) and the Task Force of the Home Ministry.
- It is responsible for collecting and analysing crime data as well as serving as a repository of such information to aid investigators in tracing crimes and criminals.

Q: Consider the following statement regarding Climate Club:

1. It is led by Germany and Chile.
2. It aims to make decarbonisation of industries successful for climate and businesses, through ambitious policies.
3. The activities of the club are divided into three key pillars.

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

- Climate Club is led by Germany and Chile, the Club has garnered support from 36 member countries including Kenya, the European Union, Switzerland and others.
- It aims to make decarbonisation of industries successful for climate and businesses, through ambitious policies, alignment of methodologies and standards and improving finance and assistance for emerging and developed economies.
- The activities of the club are divided into three key pillars: -
 - ❖ Pillar 1: Advancing ambitious and transparent climate change mitigation policies.
 - ❖ Pillar 2: Transforming industries
 - ❖ Pillar 3: Boosting international cooperation and partnership
- Two co-chairs will be elected for two-year terms for the Club. Currently, Germany and Chile serve as the co-chairs.
- A body of members will determine the scope and approve the work programme, budget and amendments.

Q: Consider the following statement regarding Methane Alert and Response System:

1. It is a data-to-action initiative with the mission to reduce methane emissions.
2. It was announced at the Conference of Parties (COP 27).
3. This initiative works in partnership with UNFCCC and WEF.

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

- Methane Alert and Response System is a data-to-action initiative with the mission to put open, reliable, and actionable data into the hands of individuals who can reduce methane emissions.
- It was announced at the Conference of Parties (COP 27) in November 2022 and began its initial pilot phase in January 2023.
- The pilot phase presented an opportunity for UNEP's International Methane Emissions Observatory (IMEO) to engage with partners, countries, and operators to refine MARS processes and procedures before making data public.
- It uses satellites to scan the globe for major emission sources and alerts countries and companies so that they can take methane action and accelerate progress supporting the Paris Agreement and Global Methane Pledge.

- This initiative works in partnership with the Climate and Clean Air Coalition (CCAC) and the International Energy Agency (IEA).